



**ENERGY EFFICIENCY SERVICES LIMITED**  
(A JV of PSUs of Ministry of Power, Govt. of India)  
Core-3, 5<sup>th</sup> & 6<sup>th</sup> Floor, SCOPE Complex,  
Lodhi Road, New Delhi-110003.

**SUPPLY CHAIN MANAGEMENT DEPARTMENT**

**OPEN TENDER**

**SECTION-1**

**DETAILED INVITATION FOR BIDS (IFB)**

**FOR**

**Name of Work: - "Design, Manufacture, Supply, Testing, Installation of LED Street Light and IDC Material (including Transportation, loading & Unloading) suitable to develop dedicated Street Lights phase wire infrastructure in ULBs of Odisha State under SLNP along with 4-year on-site warranty & maintenance of the Developed Infrastructure."**

**NIT/BID Document No.:- EESL/Lighting/IDC Material/Odisha/2021-22/SLNP/212201075,**

**Date-13/01/2022**

EESL invites E-bids from interested bidders for the aforesaid work(s) under Single-stage Two-envelope Bidding Process **THROUGH E-TENDERING\***. For details about the IFB, please refer to the details that follow. Any amendment(s)/corrigendum/clarification(s) with respect to this Tender shall be uploaded on the E-Procurement website only. The bidders should keep themselves updated by regularly visiting the E-Procurement website of EESL for any amendment/corrigendum/ clarification in regard to this Tender.

For & on Behalf of EESL

\*The bids for E-tenders will be submitted online on the web site <https://eesl.eproc.in>. Oral, telephonic, telegraphic bids or those submitted in hard copies/physical form will not be entertained. In case, anything to the contrary is mentioned anywhere in the Tender, the same should be ignored.

Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b98f  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
4.65=fc6d190ec51fe75dbb735589e08f45dbff762f1b370d9daacac26718f  
181c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITED  
Doc No : 1451016  
Serial No : 1451016

**NIT/Bid Document No.:- EESL/Lighting/IDC Material/Odisha/2021-  
22/SLNP/212201075, Date-13/01/2022**

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**BID DETAILS**

NIT/Bid Document No.	<b>EESL/Lighting/IDC Material/Odisha/2021-22/SLNP/212201075, Date-13/01/2022</b>	
Bidding Document Cost	INR 25,000/- (Rupees Twenty-Five Thousand Only)	
Earnest Money Deposit (EMD)/ Bid Security	<table border="1"><tr><td><b>EMD Amount (Rs.) – 21,00,000</b></td></tr></table> (EMD to be valid up to 225 days from the date of techno-commercial bid opening).	<b>EMD Amount (Rs.) – 21,00,000</b>
<b>EMD Amount (Rs.) – 21,00,000</b>		
Document Sale Date & Timing, i.e., Last date & time for downloading RfP from website	From 13-01-2022 (Thursday) to 02-02-2022 (Wednesday) (up to 1400 IST)	
Online Bid Submission Period	From 13-01-2022 (Thursday) to 02-02-2022 (Wednesday) (up to 1430 IST)	
Vendor Meeting	The Pre-Bid meeting will be held through VC on 19.01.2022(Wednesday) at 11:00 AM the link for the pre bid meeting is as below.  <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_MmI4NTI5NzMtMjA2NS00YjJmLWI3MDUtOWE4Y2YyNDgwZmJl%40thread.v2/0?context=%7b%22Tid%22%3a%224a993be3-3ce0-49c4-96e9-23324992b1dd%22%2c%22Oid%22%3a%22345f8c03-0ca1-443f-8056-15d1a882a1fa%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_MmI4NTI5NzMtMjA2NS00YjJmLWI3MDUtOWE4Y2YyNDgwZmJl%40thread.v2/0?context=%7b%22Tid%22%3a%224a993be3-3ce0-49c4-96e9-23324992b1dd%22%2c%22Oid%22%3a%22345f8c03-0ca1-443f-8056-15d1a882a1fa%22%7d</a>	
Techno-commercial E-bid Opening Date & Time	02-02-2022 (Wednesday) at 1500 hrs. IST, online, at following address: - Energy Efficiency Services Limited Core-5, 4 <sup>th</sup> Floor, SCOPE Complex, Lodhi Road, New Delhi-110003	
Bid Validity Duration	180 days from the date of opening of techno-commercial bid.	
Bid Documents Sections in this Tender	Section-2 – Information to Bidders (ITB). Section-3 – General Conditions of Contract (GCC). Section-4 – Technical Specification and Special Conditions of Contract (SCC). Section-5 – Measurement and Verification. Section-6 – Forms & Procedures.	
Contact Person(s) for Technical Queries (copy of the query to be marked to Contracts Dept. as well)	Sh. Rashmi Ranjan Satapathy- (Engineer-Tech) - <a href="mailto:rsatapathy@eesl.co.in">rsatapathy@eesl.co.in</a> Sh. Anil Kumar Sahu, AGM(Tech) - <a href="mailto:asahu@eesl.co.in">asahu@eesl.co.in</a>  Energy Efficiency Services Ltd.	
Contact Person(s) for Tender-related Queries	Shri RK Rohilla (CGM – SCM) Mr. Rajkamal (Engineer-SCM) Energy Efficiency Services Ltd. E-mail: <a href="mailto:rkrohilla@eesl.co.in">rkrohilla@eesl.co.in</a> , <a href="mailto:rkamal@eesl.co.in">rkamal@eesl.co.in</a>	
RfP to be addressed to	Chief General Manager(SCM), Core-5, 4 <sup>th</sup> Floor,	

Signature :-  
Subject :- CN – RAJKAMAL, SERIALNUMBER – 02a9b3fab1c7eab6cb390195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
4.65=f6d190ec51fe75dbb735589e08f45dbf762f1b370d9daaaca26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITED  
User ID : 1451016

**NIT/Bid Document No.: - EESL/Lighting/IDC Material/Odisha/2021-22/SLNP/212201075, Date-13/01/2022**

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SCOPE Complex,  
Lodhi Road, New Delhi-110003

1.0 All the bids must be accompanied by EMD, as mentioned above. **Bids not accompanying the Bidding Document Cost and EMD, or those accompanied by these instruments of inadequate value, shall not be entertained and in such cases, the bids shall not be opened.**

The EMD could, at the bidder's option, be in the form of a Pay Order / Banker's Cheque/DD in favour of "Energy Efficiency Services Limited" payable at New Delhi or in the form of a Bank Guarantee (BG) **strictly** as per format at Attachment-2 in Section-6. The BG must be issued only by any of the banks named in Annexure-I of the Attachment-2. The EMD must remain valid for a duration of 45 days beyond the original bid validity duration of 180 days, i.e., 225 days from date of techno-commercial bid opening. If any extension in bid validity is sought by EESL, the bidder may be asked to extend the validity of EMD, which the bidder shall have to do without any cost implications to EESL.

The EMD must reach the following address in a sealed envelope superscribed "EMD and Bidding Document Fee for **NIT/ Bid Document No.: EESL/Lighting/IDC Material/Odisha/2021-22/SLNP/212201075, Date-13/01/2022** before the submission date & time mentioned above.

Chief General Manager (SCM),  
Energy Efficiency Services Limited  
Core-3, 6<sup>th</sup> Floor,  
SCOPE Complex,  
Lodhi Road, New Delhi-110003

Bid Fee/EMD may also be submitted online through RTGS. The detail of RTGS is as mentioned below:

Account Name	Account No.	Bank Name	Branch Name	RTGS DETAIL
ENERGY EFFICIENCY SERVICES LIMITED	2164002100012319	Punjab National Bank	New Delhi	IFSCCODE: PUNB0216400 MICR Code: 110751001 BRANCH : DELHI NEW, L.C.B. ADDRESS: TOLSTOY HOUSE, TOLSTOY MARG, NEW DELHI, DELHI-110001

**Note: Bidders submitting EMD/Bid Security through RTGS shall upload the receipt of transfer of amount in Envelope-I. Participating of bidder shall be subject to confirmation of amount transferred through RTGS. The details mentioned in document uploaded as proof of transfer of amount shall only be considered for verification purpose.**

The details of the instruments of Bidding Document Cost and the EMD (DD/BG, etc. as applicable) have to be entered online in relevant fields/columns of the module while submitting the E-bid. It must be ensured by the bidder that the original instruments towards Bidding Document Cost and EMD are received by EESL before opening time of the techno-commercial bids for verification of the details of the same as given online by the bidder. Failure to comply with this would render the bid liable for rejection and the bid will not be opened online. EESL will not be responsible for any delay, loss or non-receipt of Bidding/ RfP Document Cost or EMD sent by post/courier.

Any relaxation/exemption sought by bidders shall only be considered in accordance with relevant clauses Section-2 (ITB) regarding submission of Bid Security Declaration and Bidding Document Cost and shall be subject to fulfilment of conditions defined in the said clauses. Since all the conditions explained in the said clauses for seeking exemption from submission of Bidding Document Cost & Bid Security Declaration are

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self-explanatory, bidders should ascertain about their fulfilment of all conditions and submit their bid accordingly. If at any stage, it is found that false information is furnished or non-compliance of any of the conditions defined at the said clauses, the bid/offer shall be considered as non-responsive and would not be considered for further evaluation. Bidder seeking exemption from submission of the Bidding Document Cost and the Bid Security Declaration has to mandatorily submit/upload the scanned copy of their valid original registration certificate(s) as asked for in the relevant, clause along with other relevant documents as part of their online bid.

2.0 EESL reserves the right to cancel / withdraw the IFB without assigning any reason whatsoever and in such a case, no bidder / intending bidder shall have any claim arising out of such action.

3.0 The subject procurement will be done through e-tendering. The NIT is available on the website <https://eesl.eproc.in> or could be viewed after following the link of 'e-Tendering' on EESL's website's Home Page, i.e., <http://eeslindia.org> from where the bidders registered with EESL (registration process is explained at the Home Page) will be able to download the Tender documents and submit their bids online. The Tender submission, Tender closing and opening will be done electronically and online.

**NOTE: EESL has appointed M/s. C1 India Pvt. Ltd., NOIDA as implementation agency for carrying out e-Procurement. Also, as per IT ACT 2000, use of Digital Signature Certificate (DSC) is mandatory for participating in the E-tendering process. New bidders should register on the website <https://eesl.eproc.in> by payment of one-time registration fee of Rs. 5,000/- through DD in favour of "Energy Efficiency Services Limited".**

*Bidders are requested to visit "e-Tendering" section at EESL website, [www.eeslindia.org](http://www.eeslindia.org) for instructions and registration on E-tendering portal.*

**Steps for Registration on EESL's E-Procurement Portal**

- (i) Open portal by entering URL <https://eesl.eproc.in> in internet explorer.
- (ii) Download and read 'System Requirement Manual' and Registration Manual from our e-tendering portal <https://eesl.eproc.in>
- (iii) Click on 'Login/Sign Up' link and then Registration link for new registration.
- (iv) Fill all mandatory fields and click on submit button.
- (v) Login with the user id and password you have created. You will be redirected to a page where you have to enter your challenge phrase which is received in your registered email id.
- (vi) Register your class-III Signing and Encryption Digital Signature Certificate (DSC).
- (vii) Fill all mandatory fields of Common Info form and upload scan copy of your DD (in favour of "Energy Efficiency Services Limited", Delhi) in PDF format of INR 5,000/- and click on save and send the original DD to EESL, Delhi office, Covering Letter on your letter head pad and print out of page regarding registration of approval (automatically generated on screen).
- (viii) Also read the instructions given under E-tendering link available at home page of EESL website [www.eeslindia.org](http://www.eeslindia.org).

**Note:** Online registration shall be done on e-tendering website, i.e., <https://eesl.eproc.in> & in general, activation of registration may take 24 hours subject to the submission of original DD. It is sole responsibility of the bidder to register in advance.

**A. Digital Signature Certificate:**

It is mandatory for all the bidders to have class-III Digital Signature Certificate (DSC) with signing and Encryption certificate (in the name of person who will sign the BID) from any of the licensed Certifying Agency (Bidders can see the list of licensed CAs from the link [www.cca.gov.in](http://www.cca.gov.in)) to participate in e-tendering of EESL.

**B. EESL Global Support Telephones and e-mail id**

Contact Details: +91-124-4302033/36/37, +91-8826814007  
[eeslsupport@c1india.com](mailto:eeslsupport@c1india.com), [sandeep.bhandari@c1india.com](mailto:sandeep.bhandari@c1india.com)

\*\*\*\*\*

Signature :-  
 Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
 d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
 4.65=fcc4190ec51fe75dbb735589e08f45dbf762f1b370d9daaaca26718f  
 181c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITED  
 User Name :-  
 Serial No : 1451016

**NIT/Bid Document No.: - EESL/Lighting/IDC Material/Odisha/2021-  
 22/SLNP/212201075, Date-13/01/2022**

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## SECTION-2

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## SECTION-2

### INSTRUCTIONS TO THE BIDDER (ITB) / CONSORTIUM OF BIDDERS

**Name of Work: -** “Design, Manufacture, Supply, Testing, Installation of LED Street Light and IDC Material (including Transportation, loading & Unloading) suitable to develop dedicated Street Lights phase wire infrastructure in ULBs of Odisha State under SLNP along with 4-year on-site warranty & maintenance of the Developed Infrastructure”.

**NIT/BID Document No.:- NIT Bid Document No.:** - EESL/Lighting/IDC Material/Odisha/2021-22/SLNP/212201075, Date-13/01/2022

**NOTE: THE TERMS & CONDITIONS STIPULATED IN SECTION-4 WILL SUPERSEDE ANY CONTRADICTORY/SIMILAR/OVERLAPPING TERMS & CONDITIONS IN ANY OTHER SECTION/PART OF THE TENDER**

#### A. The Bidding Documents

1.1 The bidding documents include the following

Section-1	Invitation for Bids (IFB)
Section-2	Instructions to Bidder / Consortium of Bidders
Section-3	General Conditions of Contract
Section-4	Special Conditions of Contract explaining in detail technical specifications, scope of work for supply/supply and installation & Commissioning/Consultancy, drawings, documents in support of bidder's qualifications (Qualifying Requirement), and Online Price Bid format.
Section -5	Measurement and Verification
Section-6	Forms and Procedure Attachment 1: Format of Bid Form Attachment 2: Format for submitting BG format in lieu of EMD Attachment 3: Format of Power of Attorney. Attachment 4: Format for certificate acceptance of Important terms and Conditions. Attachment 5: Format for Deviations statement. Attachment 6: Format for Submission of Contract Performance Guarantee (CPG) Attachment 7: forms of Acceptance of Fraud Prevention Policy. Attachment 8: Not Applicable Attachment 9: Performa of Letter of undertaking. Attachment 10: Format for RTGS/NEFT payments. Attachment 11: Declaration of Quoted Packages. Attachment 12: Duly Compliance Matrix Attachment 13: Declaration of Local Content.

The bidder is expected to examine all the instructions, forms, terms, specifications and other information in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the bidder's risk and may result in rejection of bid.

#### Definitions

In the “Bid / Tender / Contract Document” as herein defined where the context so admits, the following words and expression will have the following meaning:

1. “Affiliate” shall mean a company that either directly or indirectly
  - i) controls or
  - ii) is controlled by or

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SECTION - 2 (ITB)

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Subj: EESL/ODISHA/2021-22/SLNP/212201075, 4.17=110003, O/D.2.5  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
EESL  
User ID : rkamal  
Serial No : 1451016

- iii) is under common control with
- a Bidding Company (in the case of a single company) and “control” means ownership by one company
2. "B.I. S" shall mean specifications of Bureau of Indian Standards (BIS);
  3. “Bid / Tender” shall mean the Techno Commercial and the Price Bid submitted by the Bidder along with all documents/credentials/attachments, formats, etc., in response to this Bid Document, in accordance with the terms and conditions hereof.
  4. “Bidder / Tenderer” shall mean Bidding Company submitting the Bid. Any reference to the Bidder includes Bidding Company including its successors, executors and permitted assigns jointly and severally, as the context may require”;
  5. “Bid Security” shall mean the unconditional and irrevocable bank guarantee/ demand draft to be submitted along with the Bid by the Bidder under ITB Clause 2.4 of this Bid;
  6. “Bidding Company” shall refer to such single/consortium company that has submitted the Bid in accordance with the provisions of this Bid;
  7. “Bid Deadline” shall mean the last date and time for submission of Bid in response to this Bid as specified in Bid information Sheet and as specified in ITB Clause 3.2 of this Bid document including all amendments thereto;
  8. “Bid Document” shall mean all Definitions, Sections, Layouts, Drawings, Photographs, Formats & Annexures etc. as provided in this bid including all the terms and conditions hereof.
  9. “Chartered Accountant” shall mean a person practicing in India or a firm whereof all the partners practicing in India as a Chartered Accountant(s) within the meaning of the Chartered Accountants Act, 1949;
  10. “Competent Authority” shall mean Managing Director (MD) of EESL himself and/or a person or group of persons nominated by MD for the mentioned purpose herein;
  11. “Company” shall mean a body incorporated in India under the Companies Act, 1956;
  12. "Contract" means the agreement entered into between the Employer and the Contractor, as recorded in the Contract Form signed by the parties, including all the attachments and appendices thereto and all documents incorporated by reference therein;
  13. "Contract Price / Contract Value" shall mean the sum accepted or the sum calculated in accordance with the prices accepted in Bid and/or the Contract rates as payable to the Contractor for the entire execution and full completion of the Work (Price for Supply, Transportation(including loading, unloading and transfer to Site), Insurance including change order.
  14. “Completion of Work” means that the Project/Works have been completed operationally and structurally and Commissioning has been attained as per Technical Specifications.
  15. “Commissioning” means successful operation of the Project/Works by the Contractor, for the purpose of carrying out Guarantee Test(s).
  16. “Contract Document” shall mean collectively the Bid Document, Design, Drawings, and Specifications, Annexures, agreed variations, if any, and such other documents consisting the bid and acceptance thereof;
  17. “Contractor’s Equipment” means all plant, Works, equipment, machinery, tools, apparatus, appliances or things of every kind required in or for installation, completion and maintenance of Works that are to be provided by the Contractor, but does not include plant and equipment, or other things intended to form or forming part of the Works.
  18. “Day” means calendar day;
  19. “Defect Liability Period” means the period of validity of the warranties given by the Contractor (commencing at Completion of the Project/Works, during which the Contractor is responsible for defects with respect to the Project/Works.
  20. “Employer” or “EESL” shall mean Energy Efficiency services Limited, New Delhi.
  21. “Eligibility Criteria” shall mean the Eligibility Criteria as set forth in Section 3: Technical& Special Conditions of Contract of this BID;
  22. “Engineer-in-Charge” shall mean the person designated from time to time by the Employer and shall include those who are expressly authorized by him to act for and on his behalf for operation of this Contract;
  23. “Effective Date” means the date from which the Time for Completion shall be determined;
  24. “GCC” means the General Conditions of Contract contained in this section;
  25. “GHI” shall mean Global Horizontal Irradiation.
  26. "Goods" means permanent plant, equipment, machinery, apparatus, articles and things of all kinds to be provided and incorporated in the Works by the Contractor under the Contract but does not include Contractor’s Equipment;
  27. “Guarantee Test(s)” means the test(s) specified in the Technical Specification to be carried out to ascertain whether the Project/Works is able to attain the functional requirements specified in the Technical Specifications.
  28. “The Government” means the Government of India.

29. "IEC" shall mean specifications of International Electro-technical Commission;
30. "EESL" shall mean Energy Efficiency Services Limited;
31. "Mobilization" shall mean establishment of adequate infrastructure by the Contractor at Site comprising of construction equipment's, aids, tools tackles, offices with facilities such as power, water, communication etc. including manpower comprising of Engineers, Supervising personnel and an adequate strength of skilled, semi-skilled and un-skilled workers, who with the so established infrastructure shall be in a position to commence execution of Work at site(s), in accordance with the agreed Time Schedule of Completion of Work.
32. "O&M/ AMC" shall mean Operation & Maintenance(O& M)/ Annual Maintenance Contract (AMC) of the supplied equipments;
33. "Parent Company" shall mean a company that holds paid-up equity capital directly or indirectly in the Bidding Company, as the case may be;
34. "Price Bid" shall mean separate Envelope, containing the Bidder's Quoted Price as per the format prescribed in Section-4 (Technical & Special Conditions of Contract) of this BID;
35. "Qualified Bidder" shall mean the Bidder(s) who, after evaluation of their Techno Commercial Bid as per Eligibility Criteria set forth in Section 3: Technical& Special Conditions of Contract of this BID stand qualified for opening and evaluation of their Price Bid;
36. "SNA" shall mean State Nodal Agency.
37. "SCC" means the Special Conditions of Contract.
38. "Statutory Auditor" shall mean the auditor of a Company appointed under the provisions of the Companies Act, 1956 or under the provisions of any other applicable governing law;
39. "Services" means all those services ancillary to the supply of the Works, to be provided by the Contractor under the Contract; e.g. transportation(including loading, unloading and transfer to Site) and provision of marine or other similar insurance, inspection, expediting, Site preparation works (including the provision and use of Contractor's Equipment and the supply of all civil, structural and construction materials required),installation,/Pre-commissioning, commissioning, carrying out guarantee tests, operations, maintenance, the provision of operations and maintenance manuals, training of Employer's personnel and one or two persons from the beneficiaries groups are imparted trainings etc.
40. "Successful Bidder(s) / Contractor(s)" shall mean the Bidder(s) selected by Employer pursuant to this Bid i.e. on whom award is made. They are also called as implementing partner which includes Consultants also.
41. "Site" means the Land and other places upon which the Works are to be installed, and such other land or places as may be specified in the Contract as forming part of the Site. The details of the Site are as contained in Section 3: Technical& Special Conditions of Contract of this BID.
42. "Sub-Contractor" means any person or firm or Company (other than the Contractor) to whom any part of the Work has been entrusted by the Contractor, with the written consent of the Engineer-in-Charge, and the legal representatives, successors and permitted assigns of such person, firm or company.
43. "Standards" shall mean the standards mentioned in the technical specification of the goods and equipment utilized for the Work or such other standard which ensure equal or higher quality and such standards shall be latest issued by the concerned institution like Bureau of Indian standards(BIS), MNRE, etc.
44. "Time for Completion" means the time within which Completion of the Project/Works is to be attained in accordance with the stipulations in the SCC and the relevant provisions of the Contract;
45. "Work" means the "Goods" to be supplied and installed, as well as all the "Services" to be carried out by the Contractor under the Contract;
46. "Wp" shall mean Watt Peak.
47. Third Parties means to which employer has awarded some work and consultant may be required to co-ordinate with third parties as per scope of work.
48. Agreed Remuneration means the fee to which consultant is entitled as per their quoted and agreed price according to the contract.
49. Consultant: The consultant shall be the professional undertaking or the professional individual named in the contract who is appointed by the employer to perform the services.

#### Interpretations

1. Words comprising the singular shall include the plural & vice versa
2. An applicable law shall be construed as reference to such applicable law including its amendments or re-enactments from time to time.
3. A time of day shall save as otherwise provided in any agreement or document be construed as a reference to Indian Standard Time.



Interested bidder/consortium of bidders may download the RfP/ Tender documents from the website [www.eeslindia.org](http://www.eeslindia.org) or may purchase the detailed RfP from the EESL office, address of which is given above at 1.2, between 0900 hrs. and 1730 hrs. on working days on payment of amount as mentioned in Section-1. The payment would be accepted in the form of crossed Demand Draft (DD)/Pay Order/Banker's Cheque, drawn from any Scheduled Bank, payable at par at NOIDA, in favour of "Energy Efficiency Services Limited".

### B. Preparation of Bids

### Single Stage Single Envelope Bidding Process:

### Single Stage Two Envelope Bidding Process:

Envelope-I should contain (This envelope appear ONLINE in dynamic form in case of E-tenders)

- Envelope-II should contain Price Bid, to be submitted in 2<sup>nd</sup> inner sealed envelope, shall comprise of:  
(In case of E-tender Price bid is to be submitted ONLINE)

- The entire two separately sealed envelopes will then be placed in one outer envelope, sealed and marked properly and submitted to the EESL office on or before the deadline for submission of the bid. Every envelope (2 inner and 1 outer) should be super-scribed with Bid/RfP number and date, content of envelope i.e. bid security/price bid etc., name of work and Bid opening date.

### Single Stage Three Envelope Bidding Process:



The Bidder shall seal the proposal in one outer and three inner envelopes labeled as Envelope-I, Envelope-II and Envelope-III. Three Envelopes should contain the details of the offer as follows:

Envelope-I should contain (This envelope appear ONLINE in dynamic form in case of E-tenders).

- i. Bid document fee/cost of tender documents inform of DD/Pay order or banker's cheque [wherever applicable].
- ii. Bid Security fees/Earnest Money Deposit in form of Banker's Cheque/Demand Draft/Pay order in favor of "Energy Efficiency Services Limited" or in the form of Bank Guarantee as prescribed format [attachment 2 of section - 6, Forms & Procedure]. **(Only EMD and Bid document fee related document to be submitted by post in sealed envelope superscripted with RfP/Tender reference in case of e-tender)**
- iii. Letter of the bidder submitting the bid in the form as stipulated in the bid document i.e., as per Bid Form as attachment 1 of section - 6, Forms & Procedure.
- iv. Power of attorney to sign the bid as attachment 3 of section - 6, Forms & Procedure. Bidders to use their own format.
- v. Certificate regarding acceptance of important terms and conditions as per ITB clause 4.6 as attachment 4 of section - 6 (Forms & Procedures).
- vi. Form of acceptance of EESL fraud prevention policy as per attachment 7 of section-6 (Forms & Procedures).

Envelope-II i.e. Techno commercial Proposal of the bid, to be submitted in 2<sup>nd</sup> inner sealed envelope, shall comprise of: (This envelope appear ONLINE in dynamic form in case of e tenders)

- i. Deviation statement as per attachment 5 of section - 6, Forms & Procedures.
- ii. Techno-commercial bid as indicated in bid document. Documentary evidence regarding bidder's qualifications to perform the contract as required in qualifying Requirement.

Envelope-III should contain Price Bid, to be submitted in 3<sup>rd</sup> inner sealed envelope, shall comprise of: (In case of e tender Price bid is to be submitted ONLINE)

- i. Price Bid in the format prescribed in the tender document.

The entire three separately sealed envelopes will then be placed in one outer envelope, sealed and marked properly and submitted to the EESL office on or before the deadline for submission of the bid. Every envelope (3 inner and 1 outer) should be superscripted with Bid/RfP number and date, content of envelope i.e. bid security/price bid etc, name of work and Bid opening date.

Copy of Bid/RfP should be a complete document and should be bound as a volume separately. The document should be page numbered and appropriately flagged and contain the list of contents with page numbers. The deficiency in documentation may result in the rejection of the Bid. All pages of the bid are to be signed by the authorized signatory (authorized through power of attorney) and must be having official seal of the bidder.

Bids not accompanied by cost of tender documents/ Bid Security Fees or EMD etc. shall be out-rightly rejected and treated as non-responsive. Further, their price-bid will be not be opened.

For tenders received in unsealed/unstapled/open condition or without any superscription, resulting in opening of tender before due date, the risk and responsibility of losing confidentiality shall rest with the tenderer (applicable for manual tender only)

## 2.2 Cost of Bid/ RfP

The Bidder or Consortium of bidders shall bear all costs associated with the preparation and submission of its Bid/RfP, including cost of presentation for the purposes of clarification of the bid, if so desired by the EESL. EESL will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.

## 2.3 Language of Bids

The proposal prepared by the bidder/consortium of bidders and all correspondence and documents relating to the Bid/RfP exchanged by the bidder/consortium of bidders and EESL, shall be written in English language, provided

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SUBJECT : E-Procurement, SERIAL NUMBER : 1451016, EMD : 100095048287, L1009981  
667e19db0c3243c4.17=110003, OJD.2.5  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
User ID : rkamal  
Serial No : 1451016

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that any printed literature furnished by the bidder/consortium of bidders may be written in another language so long the same is accompanied by an English translation in which case, for purposes of interpretation of the bid, the English translation shall govern.

#### 2.4 Bid Security/Earnest Money Deposit (EMD) (To be submitted Offline before bid submission time)

Amount of Bid Security: Bid Security/Earnest Money deposit as mentioned in Section I is to be submitted.

The bidder shall furnish, as part of its bid, a bid security in a separate envelope (ITB Clause 2.1). The bid security shall, at the bidder's option, be in the form of a Banker's cheque, Demand Draft in favor of "Energy Efficiency Services Limited" or a bank guarantee as per format in section VI. Bid security/EMD shall remain valid for a period of 45 days beyond the original bid validity period. If there is any extension in bid validity period, then EESL may ask the bidder to extend the validity of bid security.

Any bid not accompanied by an acceptable bid security, shall be rejected by EESL as being non-responsive and returned to the bidder without being opened. The bid security of a consortium must be in the name of all the partners in the consortium submitting the bid. If lead partner is mentioned in case of consortium, then bid security can be in the name of lead partner.

The bid securities of unsuccessful bidders will be returned as promptly as possible after the award is made to lowest evaluated technically acceptable bidder.

The bid security of the successful bidder will be returned when the bidder has signed the contract agreement, and has furnished the required performance security.

Please note that:

##### 1. Following benefits will be given to Start ups and MSEs in this tender: -

All MSEs notified as per GFR 2017 clause no. 1.10.4 and as notified below shall be exempted from payment of Tender Document Fee and Bid Security/ Earnest Money Deposit. For claiming this exemption, MSE must, along with their offer, provide proof of their being registered as MSE (indicating the terminal validity date of their registration) for the item tendered, with any agency mentioned in the notification of Ministry of MSME, indicated below: -

- District Industries Centers;
- Khadi and Village Industries Commission;
- Khadi and Village Industries Board;
- Coir Board;
- National Small Industries Corporation;
- Directorate of Handicraft and Handloom;
- Udyog Aadhar Memorandum issued by Ministry of MSE; or
- Any other body specified by the Ministry of MSME.

- For claiming the above exemption for Start-ups, a valid certificate of Start-up recognized by 'Department of Industrial Policy & Promotion (DIPP)' along with Business eligibility certificate or any other document issued by Govt./Recognized institute is required in support of product/ service item being tendered.
- Purchase Preference to MSEs:** Subject to meeting terms and conditions stated in the tender document including but not limiting to prequalification criteria, 25% of the total quantity of the tender is earmarked for MSEs registered with above mentioned agencies/bodies for the tendered item. Out of the 25% target of annual procurement from micro and small enterprises 4% & 3% shall be earmarked for procurement from micro and small enterprises owned by Scheduled Caste (SC) & Scheduled Tribe (ST) entrepreneurs & Women entrepreneurs respectively. In the event of failure of such MSEs to participate in the tender process or meet the tender requirements and L1 price 4% & 3% sub targets so earmarked shall be met from other MSEs.

Type of tender	Price quoted by MSE	How the tender shall be finalized
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			<p>(e) If MSE bidder is a single resultant vendor, then the quantity that would be considered for award to such bidder will be as defined in the pre-declared split ratio to L-1 bidder in the tender condition; provided the quoted rates of the bidder are found reasonable by EESL. However, EESL reserves the right to award 100% quantity to such MSE bidder provided the MSE bidder has got ATO which is corresponding to the cumulative applicability for 100% order value. In case, where ATO of the MSE bidder is less than what is required for 100% cumulative order value, then work may be awarded to such MSE bidder in proportion to the ATO. For exp: If ATO of MSE bidder is 56% of the cumulative ATO requirement of 100% order value, then maximum 56% work may be awarded to the MSE bidder. However, in such case EESL reserves the right to award appropriate quantity based on the existing requirement and such decision will be taken by EESL which will be binding on the bidder. EESL may take consent from the bidder for award of such quantity (which is over and above the quantity to be allotted to L-1 bidder as per pre-declared split ratio) before award.</p>
Cannot be split as per tender conditions	25% of total experience as required for general bidders	85% of total ATO as required for general bidders	<p>(a) If MSE is L1, 100% order will be given to MSE.</p> <p>(b) If MSE is within the range of L1 + 15%, 100% order will be given to MSE subject to price matching with L1 bidder.</p> <p>(c) If MSE is not L1 and not in range of L1 + 15%, no work will be given to MSE.</p>

4. Start-ups are also covered under 25% purchase preference from procurement basket of MSEs as defined in point (3) above, provided that participating Start-ups submit all the relevant documents pertaining to MSEs as defined in point (1) above and documents for start-ups as defined in point (2) above.

# whereas, startup means an entity, incorporated or registered in India:

- i Not prior to seven years, however for Biotechnology Startups not prior to ten years,



Bidders may further note that except for the deviations listed in Attachment 5, the bid shall be deemed to comply with all the requirement in the bidding documents and the bidders shall be required to comply with all such requirements of bidding documents and technical specifications without any extra cost to the EESL irrespective of any mention to the contrary, anywhere else in the bid, failing which the bid security of the bidder may be forfeited.

At the time of award of contract, if so desired by the EESL, the bidder shall withdraw these deviations listed in Attachment-5 at the cost of withdrawal stated by him in his bid. In case the bidder does not withdraw the deviations proposed by him, if any, at the cost of withdrawal stated in the bid, his bid will be rejected and bid security forfeited.

## 2.8 Bid prices

Unless otherwise specified in the technical specifications, bidders shall quote for the entire facilities on a “single responsibility” basis such that the total bid price covers all the contractor’s obligations mentioned in or to be reasonably inferred from the bidding documents in respect of the design, manufacture, including procurement and subcontracting (if any), delivery, construction, installation, survey cost, monitoring and verification cost and completion of the facilities including supply of mandatory spares or spares to be supplied during warranty (if any). This includes all requirements under the contractor’s responsibilities for testing, pre -commissioning and commissioning of the facilities and, where so required by the bidding documents, the acquisition of all permits, approvals and licenses, etc.; the operation, maintenance and training services and such other items and services as may be specified in the bidding documents, all in accordance with the requirements of the General Conditions of Contract and Technical Specification.

Bidders are required to quote the price for the commercial, contractual and technical obligations outlined in the bidding documents. If a Bidder wishes to make a deviation to the provisions of the bidding documents, such deviations shall be listed in Attachment 5 of its bid. The bidder shall also provide the additional price, if any, for withdrawal of the deviations, pursuant to ITB sub-clause 2.7.

Bidders shall give a breakdown of the prices in the manner and detail called for in the price schedules.

## 2.9 Price Basis

Price basis of the price quoted shall be on F.O.R (Free on Road) destination basis for site. Price mentioned in the quotation must be firm. Hence prices in Letter of Award shall be firm and not subject to escalation till the execution of the complete order and its subsequent amendments accepted by the bidder even though the completion / execution of the order may take longer time than the delivery period specified and accepted in the Letter of Award.

Statutory variation in applicable taxes & duties (other than excise duty) shall only be on account of Employer in case bidder has shown the rates of present taxes in their bid and other prices quoted by the Bidder shall be fixed during the Bidder’s performance of the Contract and not subject to variation on any account. Even in case prices asked in Bid price Schedule are quoted as inclusive of taxes, tax rates shall be shown separately. Bidders shall quote all prices in Indian Rupees only.

## 2.10 Period of Validity of Bid

Bids shall remain valid for a period of 90 days after the closing date prescribed by the EESL for the receipt of bids. A bid valid for a shorter period may be rejected by the EESL as being non responsive. In exceptional circumstances, the EESL may solicit the bidder’s consent to an extension of the bid validity period. The request and response thereto shall be made in writing thro’ letters/ e-mails. If the bidder accepts to prolong the period of validity, the bid security/EMD shall also be suitably extended. A bidder may refuse the request for Bid Validity Extension without forfeiting its bid security. A bidder granting the request will not be required nor permitted to modify its bid.

## 2.11 Format and Signing of Bid

The original copy of the bid, consisting of the documents listed in ITB sub-clause 1.1 shall be typed or written in indelible ink and shall be signed by the bidder or a person or persons duly authorized to bind the bidder to the

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22/SLNP/212201075 Date 13/01/2022

Subject : OY-TRUJIKAMAL, SERIAL NUMBER: 0249031812/ODI/0000195048/287C1A0B981  
4.17=110003, OI.D.2.5  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
User ID : rkamal  
Serial No : 1451016

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contract. The authorization shall be indicated by written power of attorney accompanying the bid and submitted as Attachment 3 to the bid under ITB sub-clause 2.5. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.

Any interlineations, erasures or overwriting shall only be valid if they are initialed by the signatory to the bid.

## 2.12 Contents of the RfP/Bid

The Bidder or consortium of bidders is expected to examine all instructions, forms, terms & conditions and scope of work in the RfP/bid documents. Failure to furnish all information required or submission of an RfP/bid document not substantially responsive to the RfP/bid document in every respect will be at the bidder's risk and may result in the rejection of the RfP/bid.

## 2.13 Conflict of Interest

EESL's policy requires that a bidder participating in a procurement/contract process under EESL financed projects shall not have a conflict of interest. All bidders found to have a conflict of interest shall be ineligible for award of contract.

A. Bidder may be considered to have a conflict of interest in a bidding process if:

- a) it, or any of its affiliates, has been engaged by EESL to provide consulting services for the preparation or implementation of a project, and participates in a bidding to provide goods, works, or non-consulting services resulting from or directly related to such consulting services. Or
- b) it submits more than one bid in a bidding process, either individually or as a partner in a joint venture, except for permitted alternative bids. This will result in the disqualification of all bids in which the bidder is involved. However, this does not limit the inclusion of a firm as a subcontractor in more than one bid and the participation of a bidder as a subcontractor in another bid in certain types of procurement/contract, if permitted by the EESL's bidding documents; or
- c) it (including its personnel or sub-contractors) has a business or family relationship with a member of a EESL's staff (or of the project implementing staff, or of a recipient of a part of the loan) who: are directly or indirectly involved in the preparation of the bidding documents or specifications of the contract, and/or the bid evaluation process of such contract; or would be involved in the implementation or supervision of such contract unless the authority inviting tenders shall be informed of the fact/ such relationship at the time of submission of the tender and the conflict stemming from such relationship has been resolved in a manner acceptable to the EESL throughout the procurement process and execution of the contract. EESL may in its discretion reject the tender or rescind the contract.; or
- d) it does not comply with any other conditions that may be specified in the Company's Standard Bidding Documents relevant to the specific procurement process.

## 2.14 Disclaimer

EESL and/or its officers, employees disclaim all liability from any loss or damage, whether foreseeable or not, suffered by any person acting on or refraining from acting because of any information including statements, information, forecasts, estimates or projections contained in this document or conduct ancillary to it whether or not the loss or damage arises in connection with any omission, negligence, default, lack of care or misrepresentation on the part of EESL and/or any of its officers, employees.

## 2.15 Authorized Signatory (Bidder or Consortium of bidders)

The bidder or consortium of bidders as used in the RfP/ bid document shall mean the one who has signed the bid/RfP document forms. The bidder or consortium of bidders should be the duly authorized representative of the bidder/consortium of bidders, for which a certificate of authority/power of attorney will be submitted along with the offer. This should clearly define the authority provided to the authorized representative. Complete offer, all certificates and documents (including reply to any clarifications sought and any subsequent correspondences) shall be furnished and signed on all pages by the authorized representative.

The power of attorney or authorization, or any other document consisting of adequate proof of the ability of the signatory to bind the bidder or consortium of bidders shall be annexed to the bid as attachment 3 in envelope 1. EESL may reject outright any proposal not supported by adequate proof of the signatory's authority.

## 2.16 Consortium related conditions

The bidder shall have the option to submit the proposal either alone or along with other partner companies. Prerequisites for bidder have been specified in qualifying requirement and other parts of the tender document. The lead partner shall be the sole point of contact for all purposes of the Contract. The lead partner will have the prime and sole responsibility for the execution of the scope of work. Any information/clarification submitted to the lead partner by EESL will mean that the same has been conveyed to all partners. However, the partner companies should not be involved in any major litigation that may have an impact of affecting or compromising the delivery of services as required under this contract. The bidder or any of the partner companies should not have been black-listed by any Central / State Government or Public Sector Undertakings. If at any stage of tendering process or during the currency of the contract, any suppression / falsification of such information is brought to the knowledge, EESL shall have the right to reject the proposal or terminate the contract, as the case may be, without any compensation to the tenderer & forfeiture of bid security/EMD/CPG.

## 2.17 Contact details of the Bidder or Consortium of bidders

Bidder or Consortium of bidders who wants to receive EESL's response to queries should give their contact details to EESL. The Bidder or Consortium of bidders should send their contact details in writing at the EESL's contact address.

## 2.18 Inspection / Checking / Testing

All materials / Equipment manufactured by the bidder/consortium of bidders against the Letter of Award shall be subject to inspection, check and/or test by the EESL or his authorized representative at all stages and place, before, during and after the manufacture. All these tests shall be carried out in the as per technical specifications and bidder shall submit the relevant test reports. If upon delivery the material / equipment does not meet the specification, the materials / equipment shall be rejected and returned to the bidder for repairs / modification etc. or for replacement. In such cases all expenses including the to-and-fro freight, repacking charges, any other costs etc. shall be to the account of the bidder.

## 2.19 Removal of Rejected Goods and Replacement

If upon delivery, whether inspected and approved earlier or otherwise, the material/equipment is not in conformity with the specification, the same shall be rejected by EESL or duly authorized representative and notification to this effect will be issued to the bidder normally within 7 days from the date of receipt of the material at the work/site/office.

The bidder shall arrange removal of the rejected items within 15 days from the date of notification. In the event, the bidder fails to lift the materials within the said 15 days, EESL shall be at liberty to dispose off such rejected items in any manner as it may deemed fit. All expenses incurred on storage, disposal etc. shall be recoverable from the bidder.

## 2.20 Access to Bidders Premises

EESL and/or its authorized representative shall be provided access to bidder and/or his sub- bidder's premises, at any time during the pendency of the Order, for expediting, inspection, checking, etc. of work, if it is felt by EESL.

## 2.21 Taxes, Levies and Duties

Prices of items shall be quoted as per instruction contained in SCC. However, in general, prices shall be inclusive of sales tax, transportation, insurance, levies, service tax and any other duties payable including entry tax/octroy etc, (wherever applicable) on FOR destination/site basis. All taxes and duties shall be clearly indicated. Bidder is to arrange on its own to deliver the material at site. No road permit is provided by EESL.

For hiring of consultant/consultancy work also service tax shall be quoted exclusive of basic price. However, rates of such taxes consider while preparing the offer should invariably be mention in the offer so that any variation in taxes (except excise duty) can be paid as actual.

## 2.22 Terms of Payment

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The payment will be made by EESL to the bidder in accordance with the terms and conditions specified in section 4 of special conditions of contract of tender document/agreed upon during negotiation and reproduced in Letter of Award.

## 2.23 Delivery Schedule

Time will be the essence of order and no variation shall be permitted in the delivery time/delivery schedule mentioned in the order unless agreed by EESL without levy of LD. Tentative time schedule is enclosed in the RfP/ bid document. Delivery of the equipment/material described shall be deemed to constitute acceptance of this order and terms and conditions by the bidder at the price specified.

## 2.24 Source of Supply

The bidder shall ensure that the indigenous capacity is utilized to the fullest extent possible in execution of this order. Where the imports are unavoidable, all such items shall be imported by the bidder in time against his own import license without affecting the contractual delivery schedule.

## 2.25 Patent Indemnity

Royalties and fees for patents covering material/equipment or processes used in executing the work shall be to the account of the bidder. The bidder shall satisfy all demands that may be made at any time for such royalties and fees and he alone shall be liable for damages, infringement and shall keep EESL indemnified in that regard in the event of any equipment/ material or part thereof supplied by the bidder is involved in any suit or other proceedings held to constitute infringement and its use is enjoyed, the bidder shall, at his own expenses, either procure for EESL the right to continue the use of such equipment/material replace it with a non-infringing material / equipment or modify it so it become non- infringing.

Tenderer shall agree to indemnify the EESL or/and hold it/them harmless from against all claims, liability, loss, damage or expense including counsel fees arising from or by reasons of an action or claimed trade mark patent or copyright infringement or any litigation based thereon with respect to any part of the quoted items and such obligation shall survive acceptance of and payment for the items.

## 2.26. Force Majeure

Bidder shall not be considered in default if delay in delivery occurs due to causes beyond his control such as acts of God, natural calamities, civil wars, strikes, fire, frost, floods, riot. Only those causes which have duration of more than 7 days shall be considered cause of force/ calendar majeure. A notification to this effect duly certified by local chamber of commerce/ statutory authorities shall be given by the bidder to EESL by registered/speed post letter. In the event of delay due to such causes, the delivery schedule will be extended for a length of time equal to the period of force majeure or at the option of EESL, the order may be cancelled. Such cancellation, would be without any liability whatsoever on the part of EESL. In the event of such cancellation, the bidder shall refund any amount advanced or paid to the bidder by EESL and deliver back any materials issued to him by the Purchaser and release facilities, if any provided by the Purchaser.

## 2.27 Limitation of Liability

Except in cases of criminal negligence or willful misconduct, the Implementing Partner shall not be liable to the EESL, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Implementing Partner to pay liquidated damages to the EESL and the aggregate liability of the Implementing Partner to the EESL, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to any obligation of the Implementing Partner to indemnify the EESL with respect to patent infringement or as specified in SCC.

## 2.28 Statutory Compliance/ Certification regarding Cyber Security Products

A certificate (in the format at Attachment-13 of Section-6) is to be submitted by the bidders that the items offered meet the definition of domestically manufactured/produced Cyber Security Products as per MeitY notification

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Subj: EY-FINJRKAMAL, SERIALNUMBER: 02490314910/000000195048287C1306981  
4.17=110003, OID.2.5  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
E-C-H  
User ID : rkamal  
Serial No : 1451016

vide File no. 1(10)/2017-CLES dt. 02.07.18. The above certificate shall be on Company's letterhead and signed by Statutory Auditor or Cost Auditor of the Company

### C. Submission of Bids

#### 3.1 Sealing and Marking of Bids

The Bidder shall seal the original copy of the bid in envelope duly marking the envelopes as "ORIGINAL BID". All envelopes must be super-scribed with name of work, RfP No., envelope no., content of envelope and date and bid opening date. The envelopes shall then be sealed in an outer envelope which should also be super scribed with name of work, RfP/ bid document no./package no. and date and bid opening date.

#### 3.2 Deadline for submission of bids

Bids must be received by the EESL at the address specified as under and the bids will be opened at the same address as per timings stated in IFB and as repeated below.

Chief General Manager (Supply Chain Management),  
Energy Efficiency Services Limited,  
Floor 5<sup>th</sup> and 6<sup>th</sup>, Core 3  
Scope Complex, Lodhi Road  
New Delhi-110003  
Email: pkumar3@eesl.co.in

Date of submission of bids: As mentioned in Section I

Date of bid opening: As mentioned in Section I

Bids must be received at the address specified above but no later than the time and date stated as above. In the event of the specified date for submission of bids being declared a holiday for the EESL, the bids will be received up to the appointed time on the next working day.

The EESL may, at its discretion, extend this deadline for submission of bids by amending the bidding documents in accordance with ITB Sub-Clause 1.3, in which case all rights and obligations of EESL and bidders will thereafter be subject to the deadline as extended.

No bid may be withdrawn in the interval between the bid submission deadline and the expiration of the bid validity period specified in ITB Clause 2.10. Withdrawal of a bid during this interval may result in the bidder's forfeiture of its bid security, pursuant to ITB Sub-Clause 2.4.

#### 3.3 Late Bids:

Any bid received by the EESL after the bid submission deadline prescribed by the EESL, pursuant to ITB Clause 3.1& 3.2, will be rejected and returned in unopened condition.

### D. Bid Opening and Evaluation

#### 4.1 Bid Opening Process

The EESL will open all bids in the presence of bidders' representatives who choose to attend the opening at the time, on the date and at the place specified in the NIT. Bidders' representatives shall sign a format as proof of their attendance. In the event of the specified date for the opening of bids being declared a holiday for the EESL, the bids will be opened at the appointed time on the next working day.

Bidders' names, bid prices, discounts, the presence or absence of requisite bid security and other such details as the EESL, at its discretion, may consider appropriate, will be announced at the opening. Late bids pursuant to ITB clause 3.2, and/or bids not accompanied by the "Certificate regarding acceptance of important conditions" as per Attachment-4 in a separate sealed envelope pursuant to ITB sub-clause 2.6, and/or bids not accompanied by requisite bid security in a separate sealed envelope pursuant to ITB clause 2.4, will be rejected and returned unopened to the bidder.



Bids that are not opened and read out at bid opening will not be considered for further evaluation, regardless of the circumstances.

The EESL will prepare minutes of the bid opening.

#### 4.2 Clarification on Bids

During bid evaluation, the EESL may, at its discretion, ask the bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the price or substance of the bid shall be sought, offered or permitted. The address for communication will be same as ITB clause 1.2.

#### 4.3 Preliminary Examination of Bids.

The EESL will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

#### 4.4. Arithmetical errors rectification process

Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price, which is obtained by multiplying the unit price and quantity, or between sub totals and the total price, the unit or subtotal price shall prevail, and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail. If the Bidder does not accept the correction of errors, its bid will be rejected and the bid security will be forfeited in accordance with ITB Sub-Clause 2.4.

The EESL may waive any minor informality, nonconformity or irregularity in a bid that does not constitute a material deviation, whether or not identified by the bidder in Attachment 4 to its bid, and that does not prejudice or affect the relative ranking of any bidder as a result of the technical and commercial evaluation, pursuant to ITB clauses 4.7 and 4.8.

#### 4.5. Preliminary Evaluation

Prior to the detailed evaluation, the EESL will determine whether each bid is of acceptable quality, is generally complete and is substantially responsive to the bidding documents. For purposes of this determination, a substantially responsive bid is one that conforms to all the terms, conditions and specifications of the bidding documents without material deviations, objections, conditionality's or reservations. A material deviation, objection, conditionality or reservation is one (i) that affects in any substantial way the scope, quality or performance of the contract; (ii) that limits in any substantial way, inconsistent with the bidding documents, the EESL's rights or the successful bidder's obligations under the contract; or (iii) whose rectification would unfairly affect the competitive position of other bidders who are presenting substantially responsive bids.

#### 4.6. Acceptance of Important Condition

No deviation, whatsoever, is permitted by the EESL to the provisions relating to the following clauses (Important Conditions). Party is to submit the following as attachment 4 in envelope 1:

Governing Laws	-	Clause 7 of ITB
Settlement of Disputes	-	Clause 17 of ITB
Terms of payment	-	Clause 1.0 of SCC
Performance Security	-	Clause 5.9 of ITB
Taxes and Duties	-	Clause 8 of ITB
Completion Time Guarantee	-	Clause 9 of ITB
Defects Liability	-	Clause 10 of ITB

Functional Guarantee	-	Clause 11 of ITB
Patent Indemnity	-	Clause 2.25 of ITB
Limitations of Liability	-	Clause 2.27 of ITB
Statutory Compliance/ Certification regarding Cyber Security Products	-	Clause 2.28 of ITB
Project information, Estimation, Assumptions and conditions for Evaluation	-	As per Tables in price bid

Bidders are required to furnish a certificate as per Attachment 4, indicating their compliance to the provisions of the above clauses in a separate sealed envelope. In case the certificate as per Attachment-4 duly signed and stamped by the bidder, is not furnished along with the bid in a separate sealed envelope, the bid shall be rejected and returned to the bidder without being opened

At the time of award of contract, if so desired by the EESL the bidder shall withdraw the deviations listed in attachment 5 at the cost of withdrawal stated by him, in his bid. In case the bidder does not withdraw the deviations proposed by him in attachment 5 to his bid, if any; at the cost of withdrawal stated in his bid, his bid will be rejected and security will be forfeited.

The EESL's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence. If a bid is not substantially responsive, it will be rejected by the EESL, and may not subsequently be made responsive by the bidder by correction of the nonconformity.

#### 4.7. Technical Evaluation

The EESL will carry out a detailed evaluation of the bids previously determined to be substantially responsive in order to determine whether the technical aspects are in accordance with the requirements set forth in the bidding documents. In order to reach such a determination, the EESL will examine and compare the technical aspects of the bids on the basis of the information supplied by the bidders, taking into account the following factors:

- Overall completeness and compliance with the technical specifications and drawings; deviations from the technical specifications as identified in Attachment 5 to the bid; suitability of the facilities offered in relation to the environmental and climatic conditions prevailing at the site; and quality, function and operation of any process control concept included in the bid. The bid that does not meet minimum acceptable standards of completeness, consistency and detail will be rejected for non- responsiveness.
- Achievement of specified performance criteria by the facilities as per scope of work
- Type, quantity and long-term availability warranty spare parts and also mandatory and recommended spare parts and maintenance services
- Any other relevant factors, if any, listed in the tender document, or that the EESL deems necessary or prudent to take into consideration.

#### 4.8. Commercial Evaluation

The comparison shall be of the FOR site price of domestically manufactured plant and equipment including type test charges, if any and mandatory spares, warranty spares plus applicable sales tax & duties as well duties and taxes paid/payable on components and raw materials incorporated or to be incorporated in the plant and equipment including mandatory spares/warranty spares plus the cost of loading, unloading, local transportation, insurance covers, installation and commissioning, civil work other services required under the contract including service tax and surcharge, if any plus any survey cost, monitoring and verification cost, distribution cost, scrap disposal cost, annual maintenance cost, any services as per scope of work, administrative charges and statutory agencies cost including service tax and surcharge, if any. The EESL's comparison will also include the costs resulting from application of the evaluation procedures described in ITB sub-clause 4.9. However, the price of recommended spare parts or optional spares or services, if asked in the bid, shall not be considered for evaluation of bids.



- a) The cost of all quantifiable deviations and omissions from the contractual and commercial conditions and the technical specifications as identified in Attachment 5 to the Bid.
- b) Compliance with the time schedule called for and evidenced as needed in a milestone schedule provided in the bid.
- c) The functional guarantees of the facilities offered as per scope of work.
- d) The extra cost of work, services, facilities etc, required to be provided by the EESL of third parties.

#### 4.10. Illustrative Method of Evaluation

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The EESL reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of contract, without thereby assigning any reason thereof and incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the EESL's action.

#### 5.6. Letter of Intent / Letter of Award

Prior to the expiration of the period of bid validity, the EESL will notify the successful bidder in writing by issuing Letter of Intent or Letter of Award either through telefax/ scanned e-mail or through registered/speed post/couriered letter, that its bid has been accepted. The letter of award will constitute the formation of the contract. In case, bidder does not return the duplicate copy of LOA with duly signed and acceptance within 10 days, then the LOA will be deemed to be accepted by the successful bidder, on whom award is made.

The bidder shall return duplicate copy of the LoI/LoA/contract and the other enclosed documents duly signed as a token of acceptance, within 15 days from the date of receipt of this order. Bidder is to make two original copies of contract containing Contract agreement at top, and then Letter of award, techno commercial offer, copy of price bid and copy of all tender documents are to be placed. Three more copies of the contract to be submitted by the bidder in addition to two original at bidder's own cost. Total five copies of contract including two originals copies are to be submitted. This is to be done on instructions of Contract deptt.

Upon the successful bidder's furnishing of the performance security pursuant to ITB Clause 5.9, the EESL will promptly notify each unsuccessful bidder and will discharge its bid security.

#### 5.7. Cancellation

EESL reserves the rights to cancel the order in the part or in full by giving one week advance notice thereby if-

- The bidder fails to comply with any of the terms of the order.
- The bidder becomes bankrupt or goes in to liquidation.
- The bidder makes general assignment for the benefit of the creditors and any receiver is appointed for the property owned by the bidder.

#### 5.8. Modifications

This order constitutes an entire agreement between the parties hereto. Any modifications to this Order shall become binding only upon the same being confirmed in writing duly signed by both the parties.

#### Signing the Contract Agreement

At the same time as the EESL notifies the successful Bidder that its bid has been accepted, the EESL will send the bidder the contract agreement provided in the bidding documents, incorporating all agreements between the parties.

Within twenty-one (21) days of receipt of the contract agreement, the successful bidder shall sign and date the contract agreement and return it to the EESL. Contract agreement will contain agreement on stamp paper, bid documents and bidder's offer etc.

#### 5.9. Performance security

Within twenty-eight (28) days after receipt of the letter of award, the successful bidder shall furnish the performance security for ten percent (10%) of the contract price or as specified in tender documents and in the form provided in the section "Forms and Procedures" of the bidding documents or in another form acceptable to the EESL.

In case Joint Deed(s) of Undertaking by the Contractor along with his associate(s)/collaborator(s) form part of the Contract, then, unconditional Bank Guarantee(s) from such associate(s)/collaborator(s) for amount(s) specified in Bid

Failure of the successful Bidder to comply with the requirements of ITB Clause 5.7 or Clause 5.8 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the EESL may make the award to the next lowest evaluated bidder or call for new bids.

### 5.10. Corrupt or Fraudulent practices:

The EESL requires that bidders observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the EESL: defines, for the purposes of this provision, the terms set forth below as follows:

- a. i) "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
- ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the EESL, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the EESL of the benefits of free and open competition;
- b) will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
- c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a contract of the EESL.

### 5.11 Ineligibility for Future Tenders

Notwithstanding the provisions specified in ITB sub clause 2.4 and ITB sub clause 5.7 and 5.8, if a bidder after having been issued and letter of award, either does not sign the contract agreement pursuant to ITB clause 5.7 or does not submit an acceptable performance security pursuant to ITB clause 5.9, such bidder may be considered ineligible for participating in future tenders of EESL for a period as may be decided by the EESL.

Successful bidder is to submit interchangeability certificate for its product supplied for replacement during warranty and maintenance period and even when it is purchased from open market. In case due to change in technology, the supplied product is not available during warranty/ maintenance period than the improved version of product can be used in warranty/ maintenance period with same or improved technical parameters or the combination thereof after written communication of Engineer in Charge at same cost& terms and conditions. Successful Bidder, on whom letter of award has been placed, has also to confirm that the prices of improved version of product is not lesser than the original product or its parts in comparison.

Note: Special Terms and Conditions will prevail upon the instruction to Bidders.

### 6.0 Liquidated Damages

In case of any delay in the execution of the order beyond the stipulated time schedule including any extension permitted in writing, EESL reserves the right to recover from the bidder a sum equivalent to 0.5% of the value of the delayed equipment installation/unexecuted portion of work for each week of delay and part thereof subject to a maximum of 5% of the total value of the contract.

Alternatively, EESL reserves the right to purchase and distribute equipment/ material from elsewhere at the sole risk at the cost of successful bidder/contractor and recover all such extra cost incurred by EESL in procuring the material from resources available including EMD/Bid Security/encashment of Bank Guarantee or any other sources etc. Further, if any extra cost is incurred by EESL due to delay in work completion by the party beyond the completion time as per P.O./L.O.A., the same shall also be recovered from party's invoice/EMD/BGs etc.

Alternatively, EESL may cancel the order completely or partly without prejudice to his right under the alternatives mentioned above.

### 7.0 Governing Law

The Contract shall be governed by and interpreted in accordance with laws in force in India. The Courts of Delhi shall have exclusive jurisdiction in all matters arising under the Contract.

### 8.0 Tax and Duties



- 8.1 Except as otherwise specifically provided in the Contract, the Implementing Partner shall bear and pay all taxes, duties, levies and charges assessed on the Implementing Partner, its Sub Implementing Partners or their employees by all municipal, state or national government authorities in connection with the Facilities in and outside of the country where the Site is located.
- 8.2 Notwithstanding above Sub-Clause 8.1 above, the EESL shall bear and promptly reimburse all customs and import duties, if imposed in future, on the Plant and Equipment including Type Test and mandatory spares supplied from abroad and specified in Price Schedule (and on spare parts to be supplied from abroad and specified in Schedule, when awarded) and that are to be incorporated into the Facilities, by the law of the country where the Site is located. However, if the plant and equipment are shipped in Shipper's containers, then the custom duty levied on the cost of empty containers shall be borne and paid/ reimbursed by the Implementing Partner. The EESL shall also bear and pay/ reimburse to the Implementing Partner/Assignee of Foreign Implementing Partner (if applicable) Sales Tax (but not the surcharge in lieu of Sales Tax), Local Tax including Entry Tax / Octroi (if applicable) in respect of direct transactions between the EESL and the Implementing Partner, if imposed on the Plant and Equipment including Type Test and Mandatory Spares manufactured within the EESL's country and specified in Price (and also on locally supplied spares quoted when awarded) to be incorporated in the Facilities, by the law of country where the site is located. For this purpose, the Ex-works price if quoted in foreign currency and so incorporated in the contract, shall be converted to Indian Rupees as per the TT buying exchange rates established by State Bank of India prevailing on the actual date of Ex-works (India) dispatch.

All taxes, duties and levies on works contract, if any, shall be to the Implementing Partner's account and no separate claim in this regard will be entertained by the EESL.

- 8.3 If any tax exemptions, reductions, allowances or privileges is available to the Implementing Partner in the country where the Site is located, the EESL shall use its best endeavors to enable the Implementing Partner to benefit from any such tax savings to the maximum allowable extent.
- 8.4 For the purpose of the Contract, it is agreed that the Contract Price specified in Contract Price and Terms of Payment of the Contract Agreement is based on the taxes, duties, levies and charges prevailing at the date seven (7) days prior to the last date of bid submission in the country where the Site is located (hereinafter called "Tax" in this Sub-Clause 8.4). If any rates of Tax are increased or de-creased, a new Tax is introduced, an existing Tax is abolished, or any change in interpretation or application of any Tax occurs in the course of the performance of Contract, which was or will be assessed on the Implementing Partner in connection with performance of the Contract, an equitable adjustment of the Contract Price shall be made to fully take into account any such change by addition to the Contract Price or deduction there-from. However, these adjustments would be restricted to direct transactions between the EESL and the Contractor/assignee of Foreign Implementing Partner (if applicable). These adjustments shall not be applicable on procurement of raw materials, intermediary components etc. by the Implementing Partner/assignee and also not applicable on the bought out items dispatched directly from sub-vendor's works to site.

## 9.0 Completion Time Guarantee:

If the Successful bidder, on whom award is made/Implementing Partner/Consultant fails to attain Completion of the Facilities or any part thereof within the Time for Completion or any extension thereof under ITB Clause 2.23, the Successful bidder, on whom award is made/Implementing Partner/Consultant shall pay to the EESL liquidated damages in the amount computed at the rates specified in the SCC. The aggregate amount of such liquidated damages shall in no event exceed the amount specified as "Maximum" in the SCC. Once the "Maximum" is reached, the EESL may consider termination of the Contract.

Such payment shall completely satisfy the Successful bidder, on whom award is made/Implementing Partner/Consultant obligation to attain Completion of the Facilities or the relevant part thereof within the Time for Completion or any extension thereof under ITB Clause 2.23. The Implementing Partner shall have no further liability whatsoever to the EESL in respect thereof.

However, the payment of liquidated damages shall not in any way relieve the Successful bidder, on whom award is made/Implementing Partner/Consultant from any of its obligations to complete the Facilities or from any other obligations and liabilities of the Implementing Partner under the Contract.



## 10.0 Defect Liability

10.1 The Successful bidder, on whom award is made/Implementing Partner/Consultant warrants that the Facilities or any part thereof shall be free from defects in the design, engineering, materials and workmanship of the Plant and Equipment supplied and of the work executed, wherever applicable.

10.2 The Defect Liability Period shall be eighteen (18) months from the date of Completion of the Facilities (or any part thereof) or twelve (12) months from the date of Operational Acceptance of the Facilities (or any part thereof), whichever first occurs, unless specified otherwise in the SCC.

If during the Defect Liability Period any defect should be found in the design, engineering, materials and workmanship of the Plant and Equipment supplied or of the work executed by the Implementing Partner, the Implementing Partner shall promptly, in consultation and agreement with the EESL regarding appropriate remedying of the defects, and at its cost, repair, replace or otherwise make good (as the Implementing Partner shall, at its discretion, determine) such defect as well as any damage to the Facilities caused by such defect. The Implementing Partner shall not be responsible for the repair, replacement or making good of any defector of any damage to the Facilities arising out of or resulting from any of the following causes:

- improper operation or maintenance of the Facilities by the EESL
- operation of the Facilities outside specifications provided in the Contract.
- Normal wear and tear.

10.3 The EESL shall give the Successful bidder, on whom award is made/Implementing Partner a notice stating the nature of any such defect together with all available evidence thereof, promptly following the discovery thereof. The EESL shall afford all reasonable opportunity for the Implementing Partner to inspect any such defect.

10.4 The EESL shall afford the Implementing Partner all necessary access to the Facilities and the Site to enable the Implementing Partner to perform its obligations.

The Implementing Partner may, with the consent of the EESL, remove from the Site any Plant and Equipment or any part of the Facilities that are defective if the nature of the defect, and/or any damage to the Facilities caused by the defect, is such that repairs cannot be expeditiously carried out at the Site.

10.5 If the repair, replacement or making good is of such a character that it may affect the efficiency of the Facilities or any part thereof, the EESL may give to the Implementing Partner a notice requiring that tests of the defective part of the Facilities shall be made by the Implementing Partner immediately upon completion of such remedial work, whereupon the Implementing Partner shall carry out such tests.

If such part fails the tests, the Implementing Partner shall carry out further repair, replacement or making good (as the case may be) until that part of the Facilities passes such tests. The tests in character shall in any case be not less than what has already been agreed by the EESL and the Implementing Partner for the original equipment/part of the Facilities.

10.6 If the Implementing Partner fails to commence the work necessary to remedy such defect or any damage to the Facilities caused by such defect within a reasonable time (which shall in no event be considered to be less than fifteen (15) days), the EESL may, following notice to the Implementing Partner, proceed to do such work, and the reasonable costs incurred by the EESL in connection therewith shall be paid to the EESL by the Implementing Partner or may be deducted by the EESL from any monies due to the Implementing Partner or claimed under the Performance Security.

10.7 If the Facilities or any part thereof cannot be used by reason of such defect and/or making good of such defect, the Defect Liability Period of the Facilities or such part, as the case may be, shall be extended by a period equal to the period during which the Facilities or such part cannot be used by the EESL because of any of the aforesaid reasons. Upon correction of the defects in the Facilities or any part thereof by repair/replacement, such repair/replacement shall have the Defect Liability Period extended by a period of twelve (12) month from the time such replacement/ repair of the Facilities or any part thereof.

10.8 In addition, the Implementing Partner shall also provide an extended warranty for any such component of the Facilities and during the period of time as may be specified in the SCC. Such obligation shall be in addition to the defect liability specified under ITB Clause 10.2 or as specified in SCC.

## 11.0 Functional Guarantees

11.1 The Implementing Partner guarantees that during the Guarantee Test, the Facilities and all parts thereof shall attain the Functional Guarantees as specified in the Contract Agreement, subject to and upon the conditions therein specified.

11.2 If, for reasons attributable to the Implementing Partner, the guaranteed level of the Functional Guarantees specified in the Contract Agreement are not met either in whole or in part, the Implementing Partner shall, within a mutually agreed time, at its cost and expense make such changes, modifications and/or additions to the Plant or any part thereof as may be necessary to meet such Guarantees. The Implementing Partner shall notify the EESL upon completion of the necessary changes, modifications and/or additions, and shall seek the EESL's consent to repeat the Guarantee Test. If the specified Functional Guarantees are not established even during the repeat of the Guarantee Test, the EESL may at its option, either

- Reject the Equipment and recover the payments already made, or
- Terminate the Contract and recover the payments already made, or
- Accept the equipment after levy of liquidated damages in accordance with the provisions specified in the Contract Agreement.

## 12.0 Inspections and Tests

12.1. Inspection of Goods: The Employer or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Employer. (SCC and the Technical Specifications shall specify what inspections and tests the Employer requires and where they are to be conducted). The Employer shall notify the Contractor in writing in a timely manner of the identity of any representatives retained for these purposes.

12.2 The inspections and tests may be conducted on the premises of the Contractor or its subcontractor(s), at point of delivery and/or at the Goods final destination. If conducted on the premises of the Contractor or its subcontractor(s), all reasonable Works and assistance, including access to drawings and production data shall be furnished to the inspectors at no cost to the Employer.

12.3 Should any inspected or tested Goods fail to conform to the specifications, the Employer may reject and the Contractor shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Employer.

12.4 The Employer's right to inspect, test and, where necessary, reject the Goods after the arrival at Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Employer or its Representative prior to the Goods shipment.

12.5 Nothing in GCC Clause 6 shall in any way release the Contractor from any warranty or other obligations under this Contract.

12.5 Manuals and Drawings

12.6 Before the Goods and Services are taken over by the Employer, the Contractor shall supply operation and maintenance manuals together with drawings of the goods and equipment. These shall be in such detail as will enable the Employer to operate, maintain, adjust and repair all parts of the equipment as stated in the specifications.

12.7 The manuals and drawings shall be in the English ruling language and in such form and numbers as stated in the contract.

12.8 Unless and otherwise agreed, the goods and equipment shall not be considered to be completed for the purpose of taking over until such manuals and drawings have been supplied to the Employer.

12.9 It shall be the obligation of the Contractor to train and familiarize the designated person by the Employer in regard to the operation manual and drawings.

## 13.0 Insurance

The Goods supplied under the Contract shall be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. For delivery of goods at site, the insurance shall be obtained by the Contractor, for an amount not less than the Contract Price of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War risks and strikes.

#### 14.0 Transportation, Demurrage Wharfage, Etc.

Contractor is required under the Contract to transport the Goods to place of destination defined as Site. Transport to such place of destination in India including insurance, as shall be specified in the Contract, shall be arranged by the Contractor, and the related cost shall be included in the Contract Price.

Successful bidder, on whom letter of award is placed, is to ensure all safety guidelines, rules and regulations, labour laws etc. Successful bidder indemnify EESL for any accident, injury met by its labour, employee or any other person working for him. Any compensation sought by its labour, employee or any other person working for him shall be paid by successful bidder as per settlement solely. EESL has no role to play in this matter

#### 15.0 Warranty

- 15.1 The Contractor warrants that the Goods supplied under this Contract are new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Contractor further warrants that all Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by the Employer's Specifications) or from any act or omission of the Contractor, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
- 15.2 This warranty of all the Works shall remain valid for 2 year after the Commissioning. The Contractor shall, in addition, comply with the performance and/or guarantees specified under the Contract. If for reasons attributable to the Contractor, these guarantees are not attained in whole or in part, the Contractor shall:
- 15.3 make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC Clause 2; OR
- 15.4 pay liquidated damages to the Employer with respect to the failure to meet the contractual guarantees.
- 15.5 The Employer shall notify the Contractor in writing of any claims arising under this warranty.
- 15.6 Upon receipt of such notice, the Contractor shall, within the period of 15 days and with all reasonable speed, repair or replace the defective Goods or parts thereof, free of cost at the ultimate destination. The Contractor shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the Employer for the replaced parts/goods thereafter. In the event of any correction of defects or replacement of defective material during the Warranty period, the Warranty for the corrected or replaced material shall be extended to a further period.
- 15.7 If the Contractor, having been notified, fails to remedy the defect(s) within 15 days, the Employer may proceed to take such remedial action as may be necessary, at the Contractor's risk and expense and without prejudice to any other rights which the Employer may have against the Contractor under the Contract. The performance guarantee and liquidated damaged be entitled to be recovered without prejudice to other rights of the Employer.

#### 16.0 Termination for Default

- 16.1 The Employer may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Contractor, terminate the Contract in whole or part:
- 16.2 if the Contractor fails to deliver any or all of the Goods and complete the Work within the period(s) specified in the Contractor within any extension thereof granted by the Employer pursuant to GCC Clause 20; or
- 16.3 if the Contractor fails to perform any other obligation(s)/duties under the Contract.
- 16.4 If the Contractor, in the judgment of the Employer has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
- 16.5 In the event the Employer terminates the Contract in whole or in part, pursuant to GCC Clause 22.1, the Employer may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Contractor shall be liable to the Employer for any excess costs

for such similar Goods or Services. However, the Contractor shall continue the performance of the Contract to the extent not terminated.

## 17.0. Settlement of Disputes

### 17.1 Adjudicator

- 17.1.1 If any dispute of any kind whatsoever shall arise between the EESL and the Implementing Partner in connection with or arising out of the Contract, including without prejudice to the generality of the foregoing, any question regarding its existence, validity or termination, or the execution of the Facilities—whether during the progress of the Facilities or after their completion and whether before or after the termination, abandonment or breach of the Contract—the parties shall seek to resolve any such dispute or difference by mutual consultation. If the parties fail to resolve such a dispute or difference by mutual consultation, then the dispute shall be referred in writing by either party to the Adjudicator, with a copy to the other party.
- 17.1.2 The Adjudicator shall give its decision in writing to both parties within twenty-eight (28) days of a dispute being referred to it. If the Adjudicator has done so, and no notice of intention to commence arbitration has been given by either the EESL or the Implementing Partner within fifty-six (56) days of such reference, the decision shall become final and binding upon the EESL and the Implementing Partner. Any decision that has become final and binding shall be implemented by the parties forthwith.
- 17.1.3 Should the Adjudicator resign or die, or should the EESL and the Implementing Partner agree that the Adjudicator is not fulfilling its functions in accordance with the provisions of the Contract; another retired Judge of High Court/Supreme Court of India shall be jointly appointed by the EESL and the Implementing Partner as adjudicator under the Contract. Failing agreement between the two within twenty eight (28) days, the new retired judge of High Court/Supreme Court of India shall be appointed as the Adjudicator under the Contract at the request of either party by the Appointing Authority specified in the SCC. The adjudicator shall be paid fee plus reasonable expenditures incurred in the execution of its duties as adjudicator under the contract. This cost shall be divided equally between the EESL and the Implementing Partner.

### 17.2 Arbitration

- 17.2.1 If either the EESL or the Implementing Partner is dissatisfied with the Adjudicator's decision, or if the Adjudicator fails to give a decision within twenty-eight (28) days of a dispute being referred to it, then either the EESL or the Implementing Partner may, within fifty-six (56) days of such reference, give notice to the other party, with a copy for information to the Adjudicator, of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.
- 17.2.2 Any dispute in respect of which a notice of intention to commence arbitration has been given, in accordance with Sub-Clause 17.2.1, shall be finally settled by arbitration. Arbitration may be commenced prior to or after completion of the Facilities.
- 17.2.3 Any dispute submitted by a party to arbitration shall be heard by an arbitration panel composed of three arbitrators, in accordance with the provisions set forth below.
- 17.2.4 The EESL and the Implementing Partner shall each appoint one arbitrator, and these two arbitrators shall jointly appoint a third arbitrator, who shall chair the arbitration panel. If the two arbitrators do not succeed in appointing a third arbitrator within twenty-eight (28) days after the latter of the two arbitrators has been appointed, the third arbitrator shall, at the request of either party, be appointed by the Appointing Authority for arbitrator designated in the SCC.
- 17.2.5 If one party fails to appoint its arbitrator within forty-two (42) days after the other party has named its arbitrator, the party which has named an arbitrator may request the Appointing Authority to appoint the second arbitrator.

- 17.2.6 If for any reason an arbitrator is unable to perform its function, the mandate of the Arbitrator shall terminate in accordance with the provisions of applicable laws as mentioned in ITB Clause 7 (Governing Law) and a substitute shall be appointed in the same manner as the original arbitrator.
- 17.2.7 Arbitration proceedings shall be conducted (i) in accordance with the rules of procedure designated in the SCC, (ii) in the place designated in the SCC, and (iii) in the language in which this Contract has been executed.
- 17.2.8 The decision of a majority of the arbitrators (or of the third arbitrator chairing the arbitration, if there is no such majority) shall be final and binding and shall be enforceable in any court of competent jurisdiction as decree of the court. The parties thereby waive any objections to or claims of immunity from such enforcement.
- 17.2.9 The arbitrator(s) shall give reasoned award.
- 17.3 Notwithstanding any reference to the Adjudicator or arbitration herein,
- the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree
  - the EESL shall pay the Implementing Partner any monies due to the Implementing Partner.

## 18.0 MSME Bidder

Are you registered as MICRO, SMALL or MEDIUM Enterprise under MSMED Act 2006?

If YES,

A) Please indicate relevant category with copy of documentary proof issued by the concerned authorities:

B) Does your firm fall under MSE's owned by SC/ST Entrepreneurs. If so, enclose a copy of documentary evidence:

IN ADDITION TO ABOVE FOLLOWING WILL ALSO BE APPLICABLE FOR CONSULTANCY/PROJECT MANAGEMENT CONTRACT SERVICES.

## 19.0 THIRD-PARTY CONSULTANCY SERVICES

The Employer (EESL) is obliged, at its own expense, to make the necessary provision for the performance of those services by third parties commissioned by it, as described in Special Conditions of Contract

## 20.0 SCOPE OF SERVICES

- 20.1 The Consultant shall deliver the Services in full and on time.
- 20.2 The Services to be performed by the Consultant encompass all the part services described and explained in Special Conditions of Contract, Terms of Reference plus Tender Documents and The Consultant's bid. Furthermore, the Consultant must deliver all the standard and special services as defined intender RfP.
- 20.3 The Consultant shall work together with third parties wherever commissioned by the Employer. The Employer is not responsible for these third parties or their performance, when the work is assigned to consultant to co-ordinate with them. In addition, the Consultant must comprehensively coordinate their services with its own services, as far as possible.

### 20.1 STANDARD AND SPECIAL SERVICES

20.1.1 In addition to the Services specified explicitly in the Contract, the Consultant shall also perform all other services, if necessary, that are not listed under the contractual services, but are customarily required in order to properly discharge the contractual obligations ("standard services"). The standard services shall be fully compensated through the Agreed Remuneration in the contract.

20.1.2 "Special Services" are services that are not included under the contractual or standard services, but must necessarily be delivered by the Consultant in order to properly perform its duties under the Contract, because the external circumstances of service delivery have changed unexpectedly, or because the Employer has suspended the Services *Force Majeure* or because the Employer, with the prior consent of EESL, requires services that were not included in the invitation to tender but are necessary.

No extra cost is payable to fulfill the standard and / or special services.

NIT/BID Document No :- EESL/Lighting/IDC Material/Odisha/2021-

22/SLNP/212201075 Date 13/01/2022

Subject: EESL/Lighting/IDC Material/Odisha/2021-22/SLNP/212201075  
Serial Number: 195048287/1306981  
4.17=110003, O/D.2.5  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE

User ID : rkamal  
Serial No : 1451016

SECTION - 2 (ITB)

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20.2.1 Except where otherwise stipulated in this Contract, or otherwise legally stipulated within the country or within another legal system (including the legal system in the Consultant's jurisdiction) by provisions that impose higher demands than this Contract, when performing its obligations under this Contract the Consultant shall exercise due diligence and provide the Services in compliance with professional practice and to the recognized quality standards, in accordance with current scientific and generally accepted engineering standards. The Consultant must document its work, the progress of the Project and the decisions it takes in an appropriate form that is acceptable to the Employer, bearing in mind the requirements of tender/RfP/Letter of Award.

20.3.1 The Consultant shall inform the Employer promptly of all extraordinary circumstances that arise *during the performance of the services and of all matters* requiring EESL approval. The consultant is to make reports as defined in scope of work and submit the same as per timelines defined in the contract.

20.4.1 The Consultant shall employ the staff specified in bid [Staffing Schedule] to implement performance of the Services. The list of designated key staff and any changes to it shall require the prior written approval of the Employer.

20.4.2 The Employer may require the Consultant to terminate the contract of, or replace, any staff member who fails to meet the requirements as per contract. Any such demand must be submitted in writing to the Consultant stating the reasons for it.

20.4.3 If staff employed by the Consultant need to be replaced, the Consultant shall ensure that the staff member in question is replaced promptly by an individual who possesses at least equivalent qualifications.

20.4.4 If any one of the Consultant's staff falls ill for more than one month and this jeopardizes the performance of this Contract by the Consultant, the Consultant shall replace this staff member with another staff member who possesses at least equivalent qualifications.

20.4.5 Staff shall only be replaced after prior approval by the Employer, such approval not to be unreasonably withheld. The exchange, replacement, or planned dispensation of replacement (as exception to existing rules) of key staff specified by name shall require the prior approval of EESL.

20.4.6 If the Consultant must terminate the contract of, or replace, any staff during the Contract period, the costs thus accrued shall be borne by the Consultant, except where staff are removed or replaced at the Employer's request. In this case, the Employer shall meet the costs of replacing the staff member, unless the staff member in question does not meet the requirements.

20.5.1 The Consultant shall appoint for the exercise of all rights and obligations arising from this Contract a natural person as its contact person for the Employer under this Contract.

20.5.2 The Consultant shall specify and provide respective contact data to the Employer - for an individual at the Consultant's place of business who can be reached at any time in cases of emergency or crisis as well as a deputy of the Consultant. The Consultant shall notify the Employer without delay of any change of elected person or their contact data.

21.1 The Consultant undertakes that neither the Consultant nor any enterprise associated with the Consultant shall bid for the Project as manufacturer, supplier, or building contractor. This prohibition also applies to any bidding for any further consulting services, insofar as such consulting services might lead to a restriction of competition or a conflict of interests. Any violation of this stipulation may lead to the immediate cancellation of this Contract and require the reimbursement of any and all costs incurred by the Employer up to the time of such violation as well as compensation for any and all losses and damages incurred by the Employer as a result of such cancellation.

22.1.1 The Consultant shall begin performing the Services on the prescribed date on which execution of the Contract shall take place, but not earlier than and without undue delay after the Contract has come into force. The Consultant shall deliver the Services in accordance with the time schedule in the bid [Time

- Schedule for the Performance of the Services defined in SCC], and shall complete the Services within the Completion Period, subject to any further extensions to this Contract accorded by employer.
- 22.1.2 In relation to optional services (if any), the Consultant shall commence delivery of the optional services not earlier than upon receipt of notification from the Employer,
- 22.1.3 Any change to the time schedule [*Time Schedule for the Performance of the Services*] due to a reasonable request by either party shall be mutually agreed upon in writing.

### 23.0 FORCE MAJEURE

In addition to Force Majeure defined in clause 2.26, following will also be applicable for consultancy work.

- 23.1 In the event of Force Majeure, the contractual obligations, as far as affected by such event, shall be suspended for as long as performance remains impossible due to the Force Majeure, provided that one party to the Contract receives notification of the Force Majeure event from the other party within two weeks after its occurrence and both the parties agree for that to be a force majeure. Any and all liability of the Consultant for damages arising due to its absence caused by the Force Majeure is excluded.
- 23.2 In the event of Force Majeure, the Consultant shall be entitled to an extension of the Contract equal to the delay caused by such Force Majeure. If the performance of the Services is rendered permanently impossible by the Force Majeure, both parties to this Contract shall be entitled to terminate the Contract on mutual agreement basis only.
- 23.3 In case of suspension or termination of the Contract due to Force Majeure, the Services performed up to the time of the Force Majeure and all necessary expenditure (which is evidenced) of the Consultant arising from the discontinuing of the Services shall be invoiced on the basis of contractual prices subject to employer agreement with the work. Neither party shall make any further claims.

### 24.0 SUSPENSIONS OR TERMINATION

- 24.1 The Employer may fully or partially suspend the Services or terminate this Contract after serving written notice of at least 30 days. In this event, the Consultant must immediately take all measures necessary to ensure that the Services are discontinued and the expenditure minimized. The Consultant shall hand over all reports, drafts and documents to be drawn up by the date in question to the Employer. In case of termination Force majeure shall apply mutatis mutandis.
- 24.2 If the Consultant fails to meet its contractual obligations without sufficient reason; in accordance with the Contract; or on time, the Employer may serve a notice upon the Consultant and request it to duly perform its Services. If the Consultant fails to remedy the performance deficit within a period of 21 days of having been called upon to do so by the Employer, the Employer shall be entitled, after this period has elapsed, to terminate the Contract by written notice.
- 24.3 If the termination of the Contract is due to a default on the part of the Consultant, the Consultant shall be entitled to demand the Agreed Remuneration for the Services performed until the date of termination but not yet remunerated. The Employer shall be entitled to demand compensation for the direct damages caused by the default.

### 25.0 REMUNERATION OF THE CONSULTANT

The Consultant shall receive the remuneration agreed in the Special Conditions and bid price schedule for performing the Services owed under this Contract, subject to the conditions listed therein and the conditions below.

### 26.0 TERMS OF PAYMENT

Except where otherwise agreed in the Special Conditions, the Employer shall pay the Consultant's remuneration as follows:

- Advance payment, due within 30 days of award of Contract upon presentation of an invoice against equivalent advance bank guarantee, if mentioned in SCC.
- Payments based on deliverables as per tender/SCC or as agreed upon in amendments.
- The final payment shall be made after the Services have been performed in full and confirmation had been provided by the Employer to that Consultant.

### 27.0 METHOD OF PAYMENT

Payment shall be made according to the conditions set out in the Special Conditions or as agreed upon.

## 28.0 INSURANCE AGAINST LIABILITY AND DAMAGES

The Consultant is advised to take out insurance for the period of the Contract, on the terms specified in the Special Conditions, including, but not limited to, the following:

- a) Professional liability insurance;
- b) Personal liability insurance;
- c) Equipment insurance covering loss of or physical damage to all equipment acquired, used, provided or paid for by the Employer within the context of this Contract; and
- d) Motor vehicle third party liability insurance and motor vehicle comprehensive insurance for the vehicles acquired in connection with this Contract.

EESL will not be responsible in case any accident/ mis-happenings with consultant employee or contract person and for any equipment damage or theft occurs and in no case EESL shall pay for it.

In case of any contradiction in ITB and SCC, then SCC will prevail.

## LIST OF ACRONYMS

EMD:	Earnest Money Deposit
EoI:	Expression of Interest
SCC:	Special Conditions of Contract
INR:	Indian Rupees
IST:	Indian Standard Time
LED:	Light Emitting Diodes
LoI:	Letter of Intent
LoA:	Letter of Acceptance
MoU:	Memorandum of Understanding
MoP:	Ministry of Power
RECL:	Rural Electrification Corporation Ltd
EESL:	Energy Efficiency Services Ltd
O&M:	Operation & Maintenance
RFP:	Request for Proposal
R&M:	Repair & Maintenance
SD:	Security Deposit
CPG:	Contract Performance Guarantee
FTL:	Fluorescent Tube Light
SVL:	Sodium Vapor Lamp
PMA:	Project Management Agency





### SECTION-3

#### GENERAL CONDITIONS OF CONTRACT (GCC)



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D, C=IN  
User ID : rkamal  
Serial No : 1451016

GENERAL CONDITIONS CONTRACT (GCC)		
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D, C=IN  
User ID : rkamal  
Serial No : 1451016

## A. Contract and Interpretation

### 1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

“Contract” means the Contract Agreement entered into between the EESL and the Implementing Partner, together with the Contract Documents referred to therein; they shall constitute the Contract, and the term “the Contract” shall in all such documents be construed accordingly.

“Contract Documents” means the documents listed in Article. 1.1 (Contract Documents) of the Form of Contract Agreement (including any amendments thereto).

“GCC” means the General Conditions of Contract hereof.

“SCC” means the Special Conditions of Contract.

“Day” means calendar day of the Gregorian calendar.

“Month” means calendar month of the Gregorian calendar.

“Employer” means EESL, New Delhi/Noida and includes the legal successors or permitted assigns of the EESL.

“Project Manager” means the person appointed by the EESL in the manner provided in GCC Sub-Clause 17.1 (Project Manager) hereof and named as such in the SCC to perform the duties delegated by the EESL.

“Contractor or Implementing Partner” means the person(s) whose bid to perform the Contract has been accepted by the EESL and is named as such in the Contract Agreement, and includes the legal successors or permitted assigns of the Implementing Partner.

“Contractor or Implementing Partner’s Representative” means any person nominated by the Implementing Partner and approved by the EESL in the manner provided in GCC Sub-Clause 17.2 (Implementing Partner’s Representative and Construction Manager) hereof to perform the duties delegated by the Implementing Partner.

“Sub Contractor or Sub Implementing Partner,” including vendors, means any person to whom execution of any part of the Facilities, including preparation of any design or supply of any Plant and Equipment, is sub-contracted directly or indirectly by the Implementing Partner, and includes its legal successors or permitted assigns.

“Adjudicator” means the person or persons named as such in the SCC to make a decision on or to settle any dispute or difference between the EESL and the Implementing Partner referred to him or her by the parties pursuant to GCC Sub-Clause 6.1 (Adjudicator) hereof.

“Contract Price” means the sum specified in Article 2.1 (Contract Price) of the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

“Facilities” means the Plant and Equipment to be supplied and installed, as well as all the Installation Services to be carried out by the Implementing Partner under the Contract.

“Plant and Equipment” means permanent plant, equipment, machinery, apparatus, articles and things of all kinds to be provided and incorporated in the Facilities by the Implementing Partner under the Contract (including the spare parts to be supplied by the Implementing Partner under GCC Sub-Clause 7.3 here-of), but does not include Implementing Partner’s Equipment.

“Installation Services” means all those services ancillary to the supply of the Plant and Equipment for the Facilities, to be provided by the Implementing Partner under the Contract; e.g., transportation and provision of marine or other similar insurance, inspection, expediting, Site preparation works (including the provision and use



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D, C=IN  
User ID : rkamal  
Serial No : 1451016

of Implementing Partner's Equipment and the supply of all construction materials required), installation, testing, pre-commissioning, commissioning, operations, maintenance, the provision of operations and maintenance manuals, training of EESL's Personnel etc.

"Contractor or Implementing Partner's Equipment" means all plant, facilities, equipment, machinery, tools, apparatus, appliances or things of every kind required in or for installation, completion and maintenance of Facilities that are to be provided by the Implementing Partner, but does not include Plant and Equipment, or other things intended to form or forming part of the Facilities.

"Site" means the land and other places upon which the Facilities are to be installed, and such other land or places as may be specified in the Contract as forming part of the Site.

"Effective Date" means the date from which the Time for Completion shall be determined as stated in Article 3 (Effective Date for Determining Time for Completion) of the Form of Contract Agreement.

"Time for Completion" means the time within which Completion of the Facilities as a whole (or of a part of the Facilities where a separate Time for Completion of such part has been prescribed) is to be attained in accordance with the stipulations in the SCC and the relevant provisions of the Contract.

"Completion" means that the Facilities (or a specific part thereof where specific parts are specified in the SCC) have been completed operationally and structurally and put in a tight and clean condition, and that all work in respect of Pre-commissioning of the Facilities or such specific part thereof has been completed; and Commissioning has been attained as per Technical Specifications.

"Pre-commissioning" means the testing, checking and other requirement specified in the Technical Specifications that are to be carried out by the Implementing Partner in preparation for Commissioning as provided in GCC Clause 24 (Completion) hereof.

Commissioning" means trial/intial operation of the Facilities or any part thereof by the Implementing Partner, which operation is to be carried out by the Contractor as provided in GCC Sub-Clause 25.1 (Commissioning) hereof, for the purpose of carrying out Guarantee Test(s).

"Guarantee Test(s)" means the test(s) specified in the Technical Specifications to be carried out to ascertain whether the Facilities or a specified part thereof is able to attain the Functional Guarantees specified in the Technical Specifications in accordance with the provisions of GCC Sub Clause 25.2 (Guarantee Test) hereof.

Operational Acceptance" means the acceptance by the EESL of the Facilities (or any part of the Facilities where the Contract provides for acceptance of the Facilities in parts), which certifies the Implementing Partner's fulfilment of the Contract in respect of Functional Guarantees of the Facilities (or the relevant part thereof) in accordance with the provisions of GCC Clause 28 (Functional Guarantees) hereof and shall include deemed acceptance in accordance with GCC Clause 25 (Commissioning and Operational Acceptance) hereof.

Defect LiabilityPeriod" means the period of validity of the warranties given by the Implementing Partner commencing at Completion of the Facilities or a part thereof, during which the Implementing Partner is responsible for defects with respect to the Facilities (or the relevant part thereof) as provided in GCC Clause 27 (Defect Liability) hereof.

## 2. Contract Documents

2.1 Subject to Article 1.2 (Order of Precedence) of the Contract Agreement all documents forming part of the Contract (and all parts thereof) are intended to be correlative, complementary and mutually explanatory. The Contract shall be read as a whole.

2.2 The Contract will be signed in three originals and the Implementing Partner shall be provided with one signed original and the rest will be retained by the EESL.

2.3 The Implementing Partner shall provide free of cost to the EESL all the engineering data, drawing and descriptive materials submitted with the bid, in at least five (5) copies to form a part of the Contract immediately after Notification of Award/ letter of Award.

2.4 Subsequent to signing of the Contract, the Implementing Partner at his own cost shall provide the EESL



with at least five(05) true copies of Contract Agreement within thirty (30) days after signing of the Contract.

### 3. Interpretation

#### 3.1 Language

**3.1.1** Unless the Implementing Partner is a national of the EESL's country and the EESL and the Implementing Partner agree to use the local language, all Contract Documents, all correspondence and communications to be given, and all other documentation to be prepared and supplied under the Contract shall be written in English, and the Contract shall be construed and interpreted in accordance with that language.

**3.1.2** If any of the Contract Documents, correspondence or communications are prepared in any language other than the governing language under GCC Sub-Clause 3.1.1 above, the English translation of such documents, correspondence or communications shall prevail in matters of interpretation.

#### 3.2 Singular and Plural

The singular shall include the plural and the plural the singular, except where the context otherwise requires.

#### 3.3 Headings

The headings and marginal notes in the General Conditions of Contract are included for ease of reference, and shall neither constitute a part of the Contract nor affect its interpretation.

#### 3.4 Persons

Words importing persons or parties shall include firms, corporations and government entities.

#### 3.5 Inco terms

Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Incoterms.

Inco terms means international rules for interpreting trade terms published by the International Chamber of Commerce (latest edition), 38 Cours Albert 1er, 75008 Paris, France.

#### 3.6 Construction of the Contract

**3.6.1** The Contracts to be entered into between the EESL and the successful bidder shall be as under :

i) First Contract: For Ex-works (India) supply of plant and equipment and accessories by bidder including mandatory spares and spares to be supplied during warranty

ii) Second Contract: for providing all services i.e. loading, inland/air/shipment transportation for delivery at site, inland/air/shipment transit insurance, unloading, storage, handling at site, installation, insurance covers other than inland transit insurance, testing, commissioning and conducting Guarantee tests in respect of all the equipments supplied under the 'First Contract' and all other services including civil works, if any, as specified in the Contract Documents including sales tax and duties as asked in price bid in section IV. It will also cover cost for Repair and Maintenance and equipments and/or additional warranty, where ever asked for ,supplied under the 'First Contract' and all other services including civil works, if any, as specified in the Contract Documents. All items in second contract must be quoted including service tax.

iii) Third Contract: For providing all services including Awareness programme for public/stake holders/workshops/printing brochure and other materials, Survey cost, Monitoring and verification cost, scrap disposal cost, arrangement of office at both sites and Statuary agencies cost including service tax.

All the above Contracts will contain a cross-fall breach clause specifying that breach of one Contract will constitute breach of the other Contracts which will confer a right on the Employer to terminate the other Contracts also at the risk and the cost of the contractor /Implementing Partner for the Project, for which awards have been made.

In case, value of second contract viz transportation, insurance is lower or the supply cost includes transportation, insurance etc than three contract may be merged in two contract.

Arbitration: 1. Appointing authority for adjudicator: MD, EESL



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User ID : rkamal  
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2. The place of arbitration shall be: New Delhi

Prices are to be quoted as Firm during currency of contract. No price adjustment is allowed.

General:

1. In case of investment partner, A project manager is to be deputed from their side for co-coordinating activities.
2. Word Implementing Partner for any Project used in General Conditions of contract includes persons of Investment partner, executing and implementing agencies etc
3. Notification of award means Letter of Intent and Letter of award

3.6.2 The award of separate Contracts shall not in any way dilute the responsibility of the Implementing Partner for the successful completion of the Facilities as per Contract Documents and a breach in one Contract shall automatically be construed as a breach of the other Contract(s) which will confer a right on the EESL to terminate the other Contract(s) also at the risk and the cost of the Implementing Partner.

### 3.7 Entire Agreement

Subject to GCC Sub-Clause 16.4 hereof, the Contract constitutes the entire agreement between the EESL and Implementing Partner with respect to the subject matter of Contract and supersedes all communications, negotiations and agreements (whether written or oral) of parties with respect thereto made prior to the date of Contract.

### 3.8 Amendment

No amendment or other variation of the Contract shall be effective unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party here to.

### 3.9 Independent Contractor or Implementing Partner

The Implementing Partner shall be an independent Implementing Partner performing the Contract. The Contract does not create any agency, partnership, joint venture or other joint relationship between the parties here to.

Subject to the provisions of the Contract, the Contractor or Implementing Partner shall be solely responsible for the manner in which the Contract is performed. All employees, representatives or Sub Contractor or Sub Implementing Partners engaged by the Implementing Partner in connection with the performance of the Contract shall be under the complete control of the Implementing Partner and shall not be deemed to be employees of the EESL, and nothing contained in the Contract or in any subcontract awarded by the Implementing Partner shall be construed to create any contractual relationship between any such employees, representatives or Sub Contractor or Sub Implementing Partners and the EESL.

### 3.10 Joint Venture or Consortium

If the Implementing Partner is a joint venture or consortium of two or more firms, all such firms shall be jointly and severally bound to the EESL for the fulfilment of the provisions of the Contract and shall designate one of such firms to act as a leader with authority to bind the joint venture or consortium. The composition or the constitution of the joint venture or consortium shall not be altered without the prior consent of the EESL.

### 3.11 Non-Waiver

3.11.1 Subject to GCC Sub-Clause 3.11.2 below, no relaxation, forbearance, delay or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect or restrict the rights of that party under the Contract, nor shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.



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3.11.2 Any waiver of a party's rights, powers or remedies under the Contract must be in writing, must be dated and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

### 3.12 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

### 3.13 Country of Origin

"Origin" means the place where the materials, equipment and other supplies for the Facilities are mined, grown, produced or manufactured, and from which the services are provided.

## 4. Notices

4.1 Unless otherwise stated in the Contract, all notices to be given under the Contract shall be in writing, and shall be sent by personal delivery, airmail post, special courier, cable, telegraph, telex, facsimile or Electronic Data Interchange (EDI) to the address of the relevant party set out in the Contract Coordination Procedure to be finalised pursuant to GCC Sub-Clause 17.2.3.1, with the following provisions.

4.1.1 Any notice sent by cable, telegraph, facsimile or shall be confirmed within two (2) days after despatch by notice sent by airmail/ post or special courier, except as otherwise specified in the Contract.

4.1.2 Any notice sent by airmail post or special courier shall be deemed (in the absence of evidence of earlier receipt) to have been delivered ten (10) days after despatch. In proving the fact of despatch, it shall be sufficient to show that the envelope containing such notice was properly addressed, stamped and conveyed to the postal authorities or courier service for transmission by airmail or special courier.

4.1.3 Any notice delivered personally or sent by telegraph, facsimile shall be deemed to have been delivered on date of its despatch.

4.1.4 Either party may change its postal, cable, telex, facsimile or EDI address or addressee for receipt of such notices by ten (10) days' notice to the other party in writing.

4.2 Notices shall be deemed to include any approvals, consents, instruction orders and certificates to be given under the Contract.

## 5. Governing Law

5.1 The Contract shall be governed by and interpreted in accordance with laws in force in India. The Courts of Delhi shall have exclusive jurisdiction in all matters arising under the Contract.

## 6. Settlement of Disputes

### 6.1 Adjudicator

6.1.1 If any dispute of any kind whatsoever shall arise between the EESL and the Implementing Partner in connection with or arising out of the Contract, including without prejudice to the generality of the foregoing, any question regarding its existence, validity or termination, or the execution of the Facilities—whether during the progress of the Facilities or after their completion and whether before or after the termination, abandonment or breach of the Contract—the parties shall seek to resolve any such dispute or difference by mutual consultation. If the parties fail to resolve such a dispute or difference by mutual consultation, then the dispute shall be referred in writing by either party to the Adjudicator, with a copy to the other party.

6.1.2 The Adjudicator shall give its decision in writing to both parties within twenty-eight (28) days of a dispute being referred to it. If the Adjudicator has done so, and no notice of intention to commence arbitration has been given by either the EESL or the Implementing Partner within fifty-six (56) days of such reference, the decision shall become final and binding upon the EESL and the Implementing Partner. Any decision that has become final and binding shall be implemented by the parties forthwith.

6.1.3 Should the Adjudicator resign or die, or should the EESL and the Implementing Partner agree that the Adjudicator is not fulfilling its functions in accordance with the provisions of the Contract; another retired Judge of High Court/Supreme Court of India shall be jointly appointed by the EESL and the Implementing Partner as adjudicator under the Contract. Failing agreement between the two within twenty eight (28) days, the new retired judge of High Court/Supreme Court of India shall be appointed as the Adjudicator under the Contract



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at the request of either party by the Appointing Authority specified in the SCC. The adjudicator shall be paid fee plus reasonable expenditures incurred in the execution of its duties as adjudicator under the contract. This cost shall be divided equally between the EESL and the Implementing Partner.

## **6.2 Arbitration**

6.2.1 If either the EESL or the Implementing Partner is dissatisfied with the Adjudicator's decision, or if the Adjudicator fails to give a decision within twenty-eight (28) days of a dispute being referred to it, then either the EESL or the Implementing Partner may, within fifty-six (56) days of such reference, give notice to the other party, with a copy for information to the Adjudicator, of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.

6.2.2 Any dispute in respect of which a notice of intention to commence arbitration has been given, in accordance with GCC Sub-Clause 6.2.1, shall be finally settled by arbitration. Arbitration may be commenced prior to or after completion of the Facilities.

### **In case the Contractor is a Public Sector Enterprise or a Government Department**

6.2.3 In case the Contractor is a Public Sector Enterprise or a Government Department, the dispute shall be referred for resolution in Permanent Machinery for Arbitration(PMA) of the Department of Public Enterprise, Government of India. Such dispute or difference shall be referred by either party for Arbitration to the sole Arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law & Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary/Additional Secretary, when so authorized by the Law Secretary, whose decision shall bind the Parties finally and conclusively. The Parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator.

### **In case the Contractor is not a Public Sector Enterprise or a Government Department**

6.2.4 In all other cases, any dispute submitted by a party to arbitration shall be heard by an arbitration panel composed of three arbitrators, in accordance with the provisions set forth below.

6.2.5 The Employer and the Contractor shall each appoint one arbitrator, and these two arbitrators shall jointly appoint a third arbitrator, who shall chair the arbitration panel. If the two arbitrators do not succeed in appointing a third arbitrator within twenty-eight (28) days after the latter of the two arbitrators has been appointed, the third arbitrator shall, at the request of either party, be appointed by the Appointing Authority for arbitrator designated in the SCC.

6.2.6 If one party fails to appoint its arbitrator within forty-two (42) days after the other party has named its arbitrator, the party which has named an arbitrator may request the Appointing Authority to appoint the second arbitrator.

6.2.7 If for any reason an arbitrator is unable to perform its function, the mandate of the Arbitrator shall terminate in accordance with the provisions of applicable laws as mentioned in GCC Clause 5(Governing Law) and a substitute shall be appointed in the same manner as the original arbitrator.

6.2.8 Arbitration proceedings shall be conducted in accordance with The Arbitration and Conciliation Act, 1996 and its subsequent thereof. The venue of arbitration shall be New Delhi.

6.2.9 The decision of a majority of the arbitrators (or of the third arbitrator chairing the arbitration panel, if there is no such majority) shall be final and binding and shall be enforceable in any court of competent jurisdiction as decree of the court. The parties thereby waive any objections to or claims of immunity from such enforcement.

6.2.10 The arbitrator(s) shall give reasoned award.

Notwithstanding any reference to the Adjudicator or arbitration herein,

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the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree

the Employer shall pay the Contractor any monies due to the Contractor.

## **B. Subject Matter of Contract**

### **7. Scope of Facilities**

7.1 Unless otherwise expressly limited in the Technical Specifications, the Implementing Partner's obligations cover the provision of all Plant and Equipment and the performance of all Installation Services required for the design, the manufacture (including procurement, quality assurance, construction, installation, associated civil works, Recommissioning and delivery) of the Plant and Equipment and the installation, completion, commissioning and performance testing of the Facilities in accordance with the plans, procedures, specifications, drawings, codes and any other documents as specified in the Technical Specifications. Such specifications include, but are not limited to, the provision of supervision and engineering services; the supply of labour, materials, equipment, spare parts (as specified in GCC Sub-Clause 7.3 below) and accessories; Implementing Partner's Equipment; construction utilities and supplies; temporary materials, structures and facilities; transportation (including, without limitation, unloading and hauling to, from and at the Site); and storage, except for those supplies, works and services that will be provided or performed by the EESL, as set forth in Appendix 6 (Scope of Works and Supply by the EESL) to the Contract Agreement.

7.2 The Contractor or Implementing Partner shall, unless specifically excluded in the Contract, perform all such work and/or supply all such items and materials not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for attaining Completion of the Facilities as if such work and/or items and materials were expressly mentioned in the Contract.

7.3 In addition to the supply of Mandatory Spare Parts if asked and warranty spares included in the Contract, the Implementing Partner agrees to supply spare parts required for the operation and maintenance of the Facilities. However, the identity, specifications and quantities of such spare parts and the terms and conditions relating to the supply thereof are to be agreed between the EESL and the Implementing Partner, and the price of such if asked spare parts shall be that given in Price Schedule which shall be added to the Contract Price. The price of such spare parts shall include the purchase price there for and other costs and expenses (including the Implementing Partner's fees) relating to the supply of spare parts. The prices of spares covered under the Price Schedule shall be kept valid for a period as specified in SCC.

7.3.1 The Contractor / Implementing Partner agrees that the spare parts recommended by him for 3 years operation and quoted in price Schedule shall be supplied by him at the same terms and conditions as are otherwise applicable to this Contract. Further, the Implementing Partner also agrees to supply spare parts required for the operation and maintenance of the Facilities as per provision of subsequent paragraphs of this Sub-Clause.

7.3.1.1 All the spares for the equipment under the Contract will strictly conform to the Specification and other relevant documents and will be identical to the corresponding main equipment/components supplied under the Contract and shall be fully interchangeable.

7.3.1.2 All the mandatory spares covered under the Contract shall be produced along with the main equipment as a continuous operation and the delivery of the spares will be effected along with the main equipment in a phased manner and the delivery would be completed by the respective dates for the various categories of equipment as per the agreed network. In case of recommended spares the above will be applicable provided the orders for the recommended spares have been placed with the Implementing Partner prior to commencement of manufacture of the main equipment.

7.3.1.3 The Implementing Partner will provide the EESL with the manufacturing drawings, catalogues, assembly drawings and any other document required by the EESL so as to enable the EESL to identify the recommended



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spares. Such details will be furnished to the EESL as soon as they are prepared but in any case not later than six months prior to commencement of manufacture of the corresponding main equipment.

7.3.1.4 To enable the EESL to finalise the requirement of recommended spares which are ordered subsequent to placement of order for main equipment/plant, in addition to necessary technical details, catalogue and such other information brought-out herein above, the Implementing Partner will also provide a justification in support of reasonableness of the quoted prices of spares which will, inter-alia, include documentary evidence that the prices quoted by the Implementing Partner to the EESL are not higher than those charged by him from other customers in the same period.

7.3.1.5 In addition to the spares recommended by the Implementing Partner, if the EESL further identifies certain items of spares, the Implementing Partner will submit the prices and delivery quotation for such spares within thirty (30) days of receipt of such request with a validity period of six (6) months for consideration by the EESL and placement of order for additional spares if the EESL so desires.

7.3.1.6 The quality plan and the inspection requirement finalised for the main equipment will also be applicable to the corresponding spares.

7.3.1.7 The Contractor or Implementing Partner will provide the EESL with all the addresses and particulars of his sub-suppliers while placing the order on vendors for items/components/equipment covered under the Contract and will further ensure with his vendors that the EESL, if so desires, will have the right to place order for spares directly on them on mutually agreed terms based on offers of such vendors.

7.3.1.8 The Contractor or Implementing Partner shall guarantee the long term availability of spares to the EESL for the full life of the equipment covered under the Contract. The Implementing Partner shall guarantee that before going out of production of spare parts of the equipment covered under the Contract, he shall give the EESL at least 2 years advance notice so that the latter may order his bulk requirement of spares, if it so desires. The same provision will also be applicable to Sub-Implementing Partners. Further, in case of discontinuance of manufacture of any spares by the Contractor and/or his Sub- Contractor or Implementing Partner, Implementing Partner will provide the EESL, two years in advance, with full manufacturing drawings, material specification and technical information including information on alternative equivalent makes required by the EESL for the purpose of manufacture/procurement of such items.

7.3.1.9 The prices of all future requirements of item of spares beyond 3 years operational requirement will be derived from the corresponding ex-works price at which the order for such spares have been placed by EESL as a part of mandatory spares or recommended spares, or from the rates of mandatory spares or recommended spares as quoted by/ negotiated with the Implementing Partner. Ex-works order price of future spares shall be computed in accordance with the price adjustment provisions covered under the main Contract excepting that the base indices will be counted from the scheduled date of Commissioning of the last equipment under the main project and there will be no ceiling on the amount of variation in the prices. The above option for procuring future recommended spares by the EESL shall remain valid for the period of 5 years from the date of Commissioning of the equipment.

7.3.1.10 The Implementing Partner will indicate in advance the delivery period of the items of spares, which the EESL may procure in accordance with above sub-clause. In case of emergency requirements of spares, the Contractor would make every effort to expedite the manufacture and delivery of such spares on the basis of mutually agreed time schedule.

7.3.1.11 In case the Implementing Partner fails to supply the mandatory, recommended or long term spares in the terms stipulated above, the EESL shall be entitled to purchase the same from the alternate sources at the risk and the cost of the Implementing Partner and recover from the Implementing Partner, the excess amount paid by the EESL over the rates worked on the above basis. In the event of such risk purchase by the EESL, the purchases will be as per the Works and Procurement Policy of the EESL prevalent at the time of such purchases and the EESL at his option may include a representative from the Implementing Partner in finalising the purchases.

7.3.1.11 It is expressly understood that the final settlement between the parties in terms of relevant clauses of the Contract Documents shall not relieve the Implementing Partner of any of his obligations under the provision of long term availability of spares and such provisions shall continue to be enforced till the expiry of 5 years period reckoned from the scheduled date of Commissioning of the Plant and Equipment unless other-wise discharged



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expressly in writing by the EESL. Further, the provisions pertaining to long term availability of spares shall be extended beyond 5 years applicability period mentioned hereinabove if so desired by the EESL and at the mutually acceptable escalation formula.

7.3.1.13 The Implementing Partner shall warrant that all spares supplied will be new and in accordance with the Contract Documents and will be free from de-fects in design, material and workmanship and shall further guarantee as under:

- (i) For 3 years operational spares (both mandatory and recommended)
  - a) For any item of spares ordered or to be ordered by the EESL for 3 years operational requirement of the plant which are manufactured as a continuous operation together with the corresponding main equipment/component, the Defect Liability Period will be twelve (12) months from the scheduled date of commercial operation of main equipment/ plant under the Contract. 'Commercial Operation' shall mean the conditions of operation in which the complete equipment covered under the Contract is officially declared by the EESL to be available for continuous operation at different loads up to and including rated capacity. Such declaration by the EESL, however, shall not relieve or prejudice the Implementing Partner any of his obligations under the Contract. In case of any failure in the original component/equipment's due to faulty designs, materials and workmanship, the corresponding spare parts, if any, supplied will be replaced without any extra cost to the EESL unless a joint examination and analysis by the EESL and the Implementing Partner of such spare parts prove that the defect found in the original part that failed, can safely be assumed not to be present in spare parts. Such replaced spare parts will have the same Defect Liability as applicable to the replacement made for the defective original part/component provided that such replacement for the original equipment and the spare replaced are again manufactured together. The discarded spare parts will become the property of the Implementing Partner as soon as they have been replaced by the Implementing Partner.
  - b) For the item of spares ordered or to be ordered by the EESL for 3 years operational requirement of the plant, which with the written approval of the EESL, are not manufactured as a continuous operation will be warranted for 7000 hrs of trouble free operation if used within a period of eighteen (18) months reckoned from the date of delivery at site. However, if such spare parts are put to use after eighteen (18) months of the delivery at Site then the guarantee of such spares will stand valid till the expiry of thirty six (36) months from the scheduled date of Commissioning of equipment/plant covered under the contract or 7000 hrs of trouble free operation after such spares are put in service, whichever is earlier.
  - c) For long term requirement

For item of spares that may be ordered by the EESL to cover requirements beyond 3 years of Initial Operation of the plant, the warranty will be till the expiry of 7000 hrs of trouble free operation if used within a period of eighteen (18) months from the date of delivery at site. For item of spares that may be used after eighteen (18) months from the date of delivery at site, the warranty period will be 12 months from the date they are put to use or 7000 hrs of trouble free operation, whichever is earlier. In any case the defect liability of spares will expire at the end of forty eight (48) months from the date of their receipt at site.

- (ii) The Defect Liability of spares covered in para (b) & (c) above, that are not used within 18 months from the respective date of the delivery at Site will, however, be subject to condition that all such spares being stored/maintained/preserved in accordance with Implementing Partner's standard recommended practice, if any, and the same has been furnished to the EESL.



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## 8. Time for Commencement and Completion

8.1 The Implementing Partner shall commence work on the Facilities from the date of Notification of Award and without prejudice to GCC Sub-Clause 26.2 hereof, the Implementing Partner shall thereafter proceed with the Facilities in accordance with the time schedule specified in Appendix 4 (Time Schedule) to the Contract Agreement or / and as mentioned in special conditions of contract.

8.2 The Implementing Partner shall attain Completion of the Facilities (or of a part where a separate time for Completion of such part is specified in the Contract) within the time stated in the SCC or within such extended time to which the Implementing Partner shall be entitled under GCC Clause 40 (Extension of Time for Completion) hereof.

## 9. Contractor or Implementing Partner's Responsibilities

9.1 The Contractor or Implementing Partner shall design, manufacture (including associated purchases and/or subcontracting), install and complete the Facilities with due care and diligence in accordance with the Contract.

9.2 The Contractor or Implementing Partner confirms that it has entered into this Contract on the basis of a proper examination of the data relating to the Facilities (including any data as to boring tests) provided by the EESL, and on the basis of information that the Contractor or Implementing Partner could have obtained from a visual inspection of the Site (if access thereto was available) and of other data readily available to it relating to the Facilities as at the date twenty-eight (28) days prior to bid submission. The Implementing Partner acknowledges that any failure to acquaint itself with all such data and information shall not relieve its responsibility for properly estimating the difficulty or cost of successfully performing the Facilities.

9.3 The Implementing Partner shall acquire in its name all permits, approvals and/or licenses from all local, state or national government authorities or public service undertakings in the country where the Site is located that are necessary for the performance of the Contract, including, without limitation, visas for the Contractor or Implementing Partner's and Sub Contractor or Implementing Partner's personnel and entry permits for all imported Implementing Partner's Equipment. The Implementing Partner shall acquire all other permits, approvals and/or licenses that are not the responsibility of the EESL under GCC Sub-Clause 10.3 hereof and that are necessary for the performance of the Contract.

9.4 The Implementing Partner shall comply with all laws in force in the country where the Facilities are installed and where the Installation Services are carried out. The laws will include all national, provincial, municipal or other laws that affect the performance of the Contract and bind upon the Implementing Partner. The Implementing Partner shall indemnify and hold harmless the EESL from and against any and all liabilities, damages, claims, fines, penalties and expenses of whatever nature arising or resulting from the violation of such laws by the Contractor or Implementing Partner or its personnel, including the Contractor or Sub Implementing Partners and their personnel, but without prejudice to GCC Sub Clause 10.1 hereof.

9.5 Any Plant, Material and Services that will be incorporated in or be required for the Facilities and other supplies shall have their origin as specified under GCC Clause 3.13 (Country of Origin).

## 10. EESL's Responsibilities

10.1 The EESL shall ensure the accuracy of all information and/or data to be supplied by the EESL as described in Appendix 6 (Scope of Works and Supply by the EESL) to the Contract, except when otherwise expressly stated in the Contract.

10.2 The EESL shall be responsible for acquiring and providing legal and physical possession of the Site and access thereto, and for providing possession of and access to all other areas reasonably required for the proper execution of the Contract, including all requisite rights of way, as specified in Appendix 6 (Scope of Works and Supply by the EESL) to the Contract Agreement. The EESL shall give full possession of and accord all rights of access thereto on or before the date(s) specified in Appendix 6.

10.3 The EESL shall acquire and pay for all permits, approvals and/or licenses from all local, state or national government authorities or public service undertakings in the country where the Site is located which such authorities or undertakings require the EESL to obtain them in the EESL's name, are necessary for the execution of the Contract (they include those required for the performance by both the Implementing Partner and the EESL of their respective obligations under the Contract), including those specified in Appendix 6 (Scope of Works and Supply by the EESL) to the Contract Agreement.

10.4 If requested by the Implementing Partner, the EESL shall use its best endeavours to assist the Implementing Partner in obtaining in a timely and expeditious manner all permits, approvals and/or licenses necessary for the



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execution of the Contract from all local, state or national government authorities or public service undertakings that such authorities or undertakings require the Contractor or Implementing Partner or Subcontractor or Implementing Partners or the personnel of the Contractor or Implementing Partner or Sub Contractor or Implementing Partners, as the case may be, to obtain.

10.5 Unless otherwise specified in the Contract or agreed upon by the EESL and the Implementing Partner, the EESL shall provide sufficient, properly qualified operating and maintenance personnel; shall supply and make available all raw materials, utilities, lubricants, chemicals, catalysts other materials and facilities; and shall perform all work and services of whatsoever nature, to enable the Implementing Partner to properly carry out Pre commissioning, Commissioning and Guarantee Tests, all in accordance with the provisions of Appendix 6 (Scope of Works and Supply by the EESL) to the Contract Agreement at or before the time specified in the program furnished by the Contractor or Implementing Partner under GCC Sub- Clause 18.2 (Program of Performance) hereof and in the manner there-upon specified or as otherwise agreed upon by the EESL and the Contractor or Implementing Partner.

10.6 The EESL shall be responsible for the continued operation of the Facilities after Completion, in accordance with GCC Sub-Clause 24.8, and shall be responsible for facilitating the Guarantee Test(s) for the Facilities, in accordance with GCC Sub-Clause 25.2.

10.7 All costs and expenses involved in the performance of the obligations under this GCC Clause 10 shall be the responsibility of the EESL save those to be incurred by the Implementing Partner with respect to the performance of Guarantee Tests, in accordance with GCC Sub-Clause 25.2.

### **C. Payment**

#### **11. Contract Price**

11.1 The Contract Price shall be as specified in Article 2 (Contract Price and Terms of Payment) of the Form of Contract Agreement.

11.2 The Contract Price shall be adjusted in accordance with provisions of Appendix-2 (Price Adjustment) to the Contract Agreement, if applicable. It will be mentioned in SCC.

11.3 Subject to GCC Sub-Clauses 9.2, 10.1 and 35 (Unforeseen Conditions) hereof, the Implementing Partner shall be deemed to have satisfied itself as to the hereof, correctness and sufficiency of the Contract Price, which shall, except as otherwise provided for in the Contract, cover all its obligations under the Contract.

#### **12. Terms of Payment**

12.1 The Contract price shall be paid as specified in Appendix 1 (Terms and Procedures of Payment) to the Contract Agreement. The procedures to be followed in making application for and processing payments shall be those outlined in the same Appendix 1.

12.2 No payment made by the EESL herein shall be deemed to constitute acceptance by the EESL of the Facilities or any part(s) thereof.

12.3 The currency or currencies in which payments are made to the Implementing Partner under this Contract shall be specified in Appendix 1 (Terms and Procedures of Payment) to the Contract Agreement, subject to the general principle that payments will be made in the currency or currencies in which the Contract Price has been stated in the Contract.

#### **13. Securities**

##### **13.1 Issuance of Securities**

The Implementing Partner shall provide the securities specified below in favour of the EESL at the times, and in the amount, manner and form specified below.

##### **13.2 Advance Payment Security**

13.2.1 The Implementing Partner shall, within twenty-eight (28) days of the notification of contract award, provide a security in an amount equal to the advance payment calculated in accordance with Appendix 1 (Terms and Procedures of Payment) to the Contract Agreement, and in the currency or currencies of the contract, with a initial validity of up to ninety (90) days beyond the schedule date of Completion of the Facilities in accordance with GCC Clause 24. However, in case of delay in completion of facilities under the package, the validity of the security shall be extended by the period of such delay.

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13.2.2 The security shall be in the form of an unconditional bank guarantee as per the proforma provided in Section VII (Forms and Procedures)- Form of Advance Payment Security. The Advance payment Security shall be reduced pro rate every three (3) months after First Running Account Bill/Stage Payment under the Contract based on the value of equipment/facilities received. The cumulative amount of reduction at any point of time shall not exceed seventy five percent (75%) of the advance corresponding to cumulative value of the respective equipment Facilities supplied and received as per a certificate issued by the Project Manager and the balance of 25% released after ninety (90) days beyond the Completion of those Facilities. It should be clearly understood that reduction in the value of security for advance shall not in any way dilute the Implementing Partner's responsibility and liabilities under the Contract including in respect of the Facilities for which the reduction in the value of security is allowed.

### 13.3 Contract Performance Security

13.3.1 The Implementing Partner shall, within twenty-eight (28) days of the Notification of Award, provide securities for the due performance of the Contract for ten percent (3%) of the Contract Price of all the Contracts, with an initial validity upto ninety (90) days beyond the end of scheduled Defect Liability Period of the last equipment covered under the package. If the EESL accepts to enters into 'Second Contract' and/or 'Third Contract' with the Assignee of a foreign Implementing Partner, pursuant to GCC Sub-Clause 3.6, the said Assignee, in addition to the Contract Performance Securities to be provided by the foreign Implementing Partner for ten percent (10%) of the value of all the Contracts i.e. First Contract, Second Contract and Third Contract, shall provide within twenty eight (28) days of the Notification of Award, separate Contract Performance Security(ies) equivalent to ten percent (10%) of the value of Contract(s) entered into with the Assignee, for the due performance of Contract, with a initial validity up to ninety (90) days beyond the end of Scheduled Defect Liability period of the last equipment covered under the package. However, in case of delay in completion of the defect liability period, the validity of all the contract performance securities shall be extended by the period of such delay.

13.3.2 The performance security shall be denominated in the currency or currencies of the Contract, or in a freely convertible currency acceptable to the EESL, and shall be in the form of unconditional bank guarantee provided in Section-VII (Forms and Procedures)-Form of Performance Security of the bidding documents.

13.3.3 Unless otherwise stipulated in SCC, the security shall be reduced pro rata to the Contract Price of a part of the Facilities for which a separate time for Completion is provided, twenty one (21) months after Completion of the Facilities or where relevant part thereof, or fifteen (15) months after Operational Acceptance of the Facilities (or the relevant part thereof), whichever occurs first; provided, however, that if the Defects Liability Period has been extended on any part of the Facilities pursuant to GCC Sub-Clause 27.8 hereof, the Implementing Partner shall issue an additional security in an amount proportionate to the Contract Price of that part. The security shall be returned to the Implementing Partner immediately after its expiration, provided, however, that if the Implementing Partner, pursuant to GCC Sub-Clause 27.10, is liable for an extended warranty obligation, the performance security shall be extended for the period and up to the amount agreed upon or as specified in the SCC.

## 14. Taxes and Duties

14.1 Except as otherwise specifically provided in the Contract, the Implementing Partners shall bear and pay all taxes, duties, levies and charges assessed on the Implementing Partner, its SubImplementing Partners or their employees by all municipal, state or national government authorities in connection with the Facilities in and outside of the country where the Site is located.

14.2 Notwithstanding GCC Sub-Clauses 14.1 above, the EESL shall bear and promptly reimburse all customs and import duties, if imposed in future, on the Plant and Equipment including Type Test and mandatory spares supplied from abroad and specified in Price Schedule (and on spare parts to be supplied from abroad and specified in Schedule, when awarded) and that are to be incorporated into the Facilities, by the law of the country where the Site is located. However, if the plant and equipment are shipped in Shipper's containers, then the custom duty levied on the cost of empty containers shall be borne and paid/reimbursed by the Implementing Partner. The EESL shall also bear and pay/reimburse to the Implementing Partner/Assignee of Foreign Implementing Partner (if applicable) Sales Tax (but not the surcharge in lieu of Sales Tax), Local Tax including Entry Tax / Octroi (if applicable) in respect of direct transactions between the EESL and the Implementing Partner, if imposed on the Plant and Equipment including Type Test and Mandatory Spares manufactured within the EESL's country and specified in Price (and also on locally supplied spares quoted when awarded) to be incorporated in the Facilities, by the law of country where the site is located. For this purpose, the Ex-works price if quoted in foreign currency and so incorporated in the contract, shall be converted to Indian Rupees as per the TT buying exchange rates established by State Bank of India prevailing on the actual date of Ex-works (India) despatch.



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All taxes, duties and levies on works contract, if any, shall be to the Implementing Partner's account and no separate claim in this regard will be entertained by the EESL.

14.3 If any tax exemptions, reductions, allowances or privileges is available to the Implementing Partner in the country where the Site is located, the EESL shall use its best endeavours to enable the Implementing Partner to benefit from any such tax savings to the maximum allowable extent.

14.4 For the purpose of the Contract, it is agreed that the Contract Price specified in Article 2 (Contract Price and Terms of Payment) of the Contract Agreement is based on the taxes, duties, levies and charges prevailing at the date seven (7) days prior to the last date of bid submission in the country where the Site is located (hereinafter called "Tax" in this GCC Sub-Clause 14.4). If any rates of Tax are increased or de-created, a new Tax is introduced, an existing Tax is abolished, or any change in interpretation or application of any Tax occurs in the course of the performance of Contract, which was or will be assessed on the Implementing Partner in connection with performance of the Contract, an equitable adjustment of the Contract Price shall be made to fully take into account any such change by addition to the Contract Price or deduction there-from, as the case may be, in accordance with GCC Clause 36 (Change in Laws and Regulations) hereof. However, these adjustments would be restricted to direct transactions between the EESL and the Contractor/assignee of Foreign Implementing Partner (if applicable). These adjustments shall not be applicable on procurement of raw materials, intermediary components etc. by the Implementing Partner/assignee and also not applicable on the bought out items despatched directly from sub-vendor's works to site.

#### D. Intellectual Property

#### 15. Copyright

15.1 The copyright in all drawings, documents and other materials containing data and information furnished to the EESL by the Implementing Partner shall remain vested in the Implementing Partner or, if they are furnished to the EESL directly or through the Implementing Partner by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party. The EESL shall however be free to reproduce all drawings, documents and other material furnished to the EESL for the purpose of the contract including, if required, for operation and maintenance of the facilities.

#### 16. Confidential Information

16.1 The EESL and the Implementing Partner shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following termination of the Contract. Notwithstanding the above, the Contractor or Implementing Partner may furnish to its SubContractor or Implementing Partner(s) such documents, data and other information it receives from the EESL to the extent required for the Sub Contractor or Implementing Partner(s) to perform its work under the Contract, in which event the Implementing Partner shall obtain from such SubContractor or Implementing Partner(s) an undertaking of confidentiality similar to that imposed on the Implementing Partner under this GCC Clause 16.

16.2 The EESL shall not use such documents, data and other information received from the Implementing Partner for any purpose other than the operation and maintenance of the Facilities. Similarly, the Implementing Partner shall not use such documents, data and other information received from the EESL for any purpose other than the design, procurement of Plant and Equipment, construction or such other work and services as are required for the performance of the Contract.

16.3 The obligation of a party under GCC Sub-Clauses 16.1 and 16.2 above, however, shall not apply to that information which

- (a) now or hereafter enters the public domain through no fault of that party.
- (b) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party hereto
- (c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

16.4 The above provisions of this GCC Clause 16 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Facilities or any part



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thereof.

16.5 The provisions of this GCC Clause 16 shall survive termination, for what-ever reason, of the Contract.

## **E. Work Execution**

### **17. Representatives**

#### **17.1 Project Manager**

If the Project Manager is not named in the Contract, then within fourteen (14) days of the Effective Date, the EESL shall appoint and notify the Implementing Partner in writing of the name of the Project Manager. The EESL may from time to time appoint some other person as the Project Manager in place of the person previously so appointed, and shall give a notice of the name of such other person to the Implementing Partner without delay. The EESL shall take reasonable care to see that no such appointment is made at such a time or in such a manner as to impede the progress of work on the Facilities. The Project Manager shall represent and act for the EESL at all times during the currency of the Contract. All notices, instructions, orders, certificates, approvals and all other communications under the Contract shall be given by the Project Manager, except as herein otherwise provided.

All notices, instructions, information and other communications given by the Implementing Partner to the EESL under the Contract shall be given to the Project Manager, except as herein otherwise provided.

#### **17.2 Contractor's representative & Construction Manager**

17.2.1 If the Implementing Partner's Representative is not named in the Contract, then within fourteen (14) days of the Effective Date, the Implementing Partner shall appoint the Implementing Partner's Representative and shall request the EESL in writing to approve the person so appointed. If the EESL makes no objection to the appointment within fourteen (14) days, the Implementing Partner's Representative shall be deemed to have been approved. If the EESL objects to the appointment within fourteen (14) days giving the reason therefor, then the Implementing Partner shall appoint a replacement within fourteen (14) days of such objection, and the foregoing provisions of this GCC Sub-Clause 17.2.1 shall apply thereto.

17.2.2 The Implementing Partner's Representative shall represent and act for the Implementing Partner at all times during the currency of the Contract and shall give to the Project Manager all the Implementing Partner's notices, instructions, information and all other communications under the Contract.

All notices, instructions, information and all other communications given by the EESL or the Project Manager to the Implementing Partner under the Contract shall be given to the Implementing Partner's Representative or, in its absence, its deputy, except as herein otherwise provided.

The Implementing Partner shall not revoke the appointment of the Implementing Partner's Representative without the EESL's prior written con-sent, which shall not be unreasonably withheld. If the EESL consents thereto, the Implementing Partner shall appoint some other per-son as the Implementing Partner's Representative, pursuant to the procedure set out in GCC Sub-Clause 17.2.1

17.2.3 The Implementing Partner's Representative may, subject to the approval of the EESL (which shall not be unreasonably withheld), at any time delegate to any person any of the powers, functions and authorities vested in him or her. Any such delegation may be revoked at any time. Any such delegation or revocation shall be subject to a prior notice signed by the Implementing Partner's Representa-tive, and shall specify the powers, functions and authorities thereby delegated or revoked. No such delegation or revocation shall take effect unless and until a copy thereof has been delivered to the EESL and the Project Manager.

Any act or exercise by any person of powers, functions and authorities so delegated to him or her in accordance with this GCC Sub-Clause 17.2.3 shall be deemed to be an act or exercise by the Implementing Partner's Representative.

17.2.3.1 Notwithstanding anything stated in GCC Sub-clause 17.1 and 17.2.1 above, for the purpose of execution of contract, the EESL and the Implementing Partner shall finalise and agree to a Contract Co-ordination Procedure and all the communication under the Contract shall be in accordance with such Contract Co-ordination Procedure.

17.2.4 From the commencement of installation of the Facilities at the Site until Operational Acceptance, the



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Implementing Partner's Representative shall appoint a suitable person as the construction manager (hereinafter referred to as "the Construction Manager"). The Construction Manager shall supervise all work done at the Site by the Implementing Partner and shall be present at the Site throughout normal working hours except when on leave, sick or absent for reasons connected with the proper performance of the Contract. When-ever the Construction Manager is absent from the Site, a suitable person shall be appointed to act as his or her deputy.

17.2.5 The EESL may by notice to the Implementing Partner object to any representative or person employed by the Implementing Partner in the execution of the Contract who, in the reasonable opinion of the EESL, may behave inappropriately, may be incompetent or negligent, or may commit a serious breach of the Site regulations provided under GCC Sub-Clause 22.3. The EESL shall provide evidence of the same, whereupon the Implementing Partner shall remove such person from the Facilities.

17.2.6 If any representative or person employed by the Implementing Partner is removed in accordance with GCC Sub-Clause 17.2.5, the Contractor shall, where required, promptly appoint a replacement.

## **18. Work Program**

### **18.1 Contractor or Implementing Partner's Organization**

The Implementing Partner shall supply to the EESL and the Project Manager a chart showing the proposed organization to be established by the Implementing Partner for carrying out work on the Facilities. The chart shall include the identities of the key personnel together with the curricula vitae of such key personnel to be employed within twenty-one (21) days of the Effective Date. The Implementing Partner shall promptly inform the EESL and the Project Manager in writing of any revision or alteration of such an organization chart.

### **18.2 Program of Performance**

Within twenty-eight (28) days after the date of notification of award of Contract, the Implementing Partner shall prepare and submit to the Project Manager a detailed program of performance of the Contract, made in the form of PERT Network and showing the sequence in which it proposes to design, manufacture, transport, assemble, install and pre-commission the Facilities, as well as the date by which the Implementing Partner reasonably requires that the EESL shall have fulfilled its obligations under the Contract so as to enable the Implementing Partner to execute the Contract in accordance with the program and to achieve Completion and Acceptance of the Facilities in accordance with the Contract. The program so submitted by the Implementing Partner shall accord with the Time Schedule included in Appendix 4 (Time Schedule) to the Contract Agreement and any other dates and periods specified in the Contract. The Implementing Partner shall update and revise the program as and when appropriate or when required by the Project Manager, but without modification in the Time for Completion given in the SCC and any extension granted in accordance with GCC Clause 40, and shall submit all such revisions to the Project Manager.

### **18.3 Progress Report**

The Contractor or Implementing Partner shall monitor progress of all the activities specified in the program referred to in GCC Sub-Clause 18.2 (Program of Performance) above, and supply a progress report to the Project Manager every month.

The progress report shall be in a form acceptable to the Project Manager and shall also indicate: (a) percentage completion achieved compared with the planned percentage completion for each activity; and (b) where any activity is behind the program, giving comments and likely consequences and stating the corrective action being taken.

### **18.4 Progress of Performance**

If at any time the Implementing Partner's actual progress falls behind the program referred to in GCC Sub-Clause 18.2 (Program of Performance), or it becomes apparent that it will so fall behind, the Implementing Partner shall, at the request of the EESL or the Project Manager, prepare and submit to the Project Manager a revised program, taking into account the prevailing circumstances, and shall notify the Project Manager of the steps being taken to expedite progress so as to attain Completion of the Facilities within the Time for Completion under GCC Sub-Clause 8.2 (Time for Commencement and Completion), any extension thereof entitled under GCC Sub-Clause 40.1 (Extension of Time for Completion), or any extended period as may otherwise be agreed upon between the EESL and the Implementing Partner.

### **18.5 Work Procedures**

The Contract shall be executed in accordance with the Contract Documents and the procedures given in the section on Forms and Procedures of the Contract Documents.

If agreed between the EESL and the Implementing Partner, the Implementing Partner may execute the Contract in accordance with its own standard project execution plans and procedures to the extent that they do not conflict with





the provisions contained in the Contract.

#### **18.6 Maintenance of Records of Weekly Progress Review meeting at Site**

The Contractor shall be required to attend all weekly site progress review meetings organised by the 'Project Manager' or his authorised representative. The deliberations in the meetings shall inter alia include the weekly program, progress of work (including details of manpower, tools & plants deployed by the Contractor vis-a-vis agreed schedule), inputs to be provided by Employer, delays, if any and recovery program, specific hindrances to work and work instructions by Employer. The minutes of the weekly meetings shall be recorded in triplicate in a numbered register available with the Project Manager or his authorised representative. These representative and the Contractor and one copy of the signed records shall be handed over to the Contractor.

#### **19. Subcontracting**

19.1 Appendix 5 (List of Approved SubImplementing Partners) to the Contract Agreement specifies major items of supply or services and a list of approved Sub-Implementing Partners against each item, including vendors. Insofar as no SubImplementing Partners are listed against any such item, the Implementing Partner shall prepare a list of SubImplementing Partners for such item for inclusion in such list. The Implementing Partner may from time to time propose any addition to or deletion from any such list. The Implementing Partner shall submit any such list or any modification thereto to the EESL for its approval in sufficient time so as not to impede the progress of work on the Facilities. Such approval by the EESL for any of the SubImplementing Partners shall not relieve the Implementing Partner from any of its obligations, duties or responsibilities under the Contract.

19.2 The Implementing Partner shall select and employ its SubImplementing Partners for such major items from those listed in the lists referred to in GCC Sub-Clause 19.1.

19.3 For items or parts of the Facilities not specified in Appendix 5 (List of Approved SubImplementing Partners) to the Contract Agreement, the Implementing Partner may employ such SubImplementing Partners as it may select, at its discretion.

#### **20. Design and Engineering**

##### **20.1 Specifications and Drawings**

20.1.1 The Implementing Partner shall execute the basic and detailed design and the engineering work in compliance with the provisions of the Contract, or where not so specified, in accordance with good engineering practice.

The Implementing Partner shall be responsible for any discrepancies, errors or omissions in the specifications, drawings and other technical documents that it has prepared, whether such specifications, drawings and other documents have been approved by the Project Manager or not, provided that such discrepancies, errors or omissions are not because of inaccurate information furnished in writing to the Implementing Partner by or on behalf of the EESL.

20.1.2 The Implementing Partner shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designated by or on behalf of the EESL, by giving a notice of such disclaimer to the Project Manager.

##### **20.2 Codes and Standards**

Wherever references are made in the Contract to codes and standards in accordance with which the Contract shall be executed, the edition or the revised version of such codes and standards current at the date twenty-eight (28) days prior to date of bid submission shall apply unless otherwise specified. During Contract execution, any changes in such codes and standards shall be applied after approval by the EESL and shall be treated in accordance with GCC Clause 39 (Changes Originating from Implementing Partner).

##### **20.3 Approval/Review of Technical Documents by Project Manager, where ever applicable**

20.3.1 The Implementing Partner shall prepare (or cause its SubImplementing Partners to prepare) and furnish to the Project Manager the documents listed in Appendix 7 (List of Documents for Approval or Review) to the Contract Agreement for its approval or review as specified and as in accordance with the requirements of GCC Sub-Clause 18.2 (Program of Performance).

Any part of the Facilities covered by or related to the documents to be approved by the Project Manager shall be



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executed only after the Project Manager's approval thereof.

GCC Sub-Clauses 20.3.2 through 20.3.7 shall apply to those documents requiring the Project Manager's approval, but not to those furnished to the Project Manager for its review only.

20.3.2 Within twenty one (21) days after receipt by the Project Manager of any document requiring the Project Manager's approval in accordance with GCC Sub-Clause 20.3.1, the Project Manager shall either return one copy thereof to the Implementing Partner with its approval endorsed thereon or shall notify the Implementing Partner in writing of its disapproval thereof and the reasons therefor and the modifications that the Project Manager proposes.

20.3.3 The Project Manager shall not disapprove any document, except on the grounds that the document does not comply with some specified provision of the Contract or that it is contrary to good engineering practice.

20.3.4 If the Project Manager disapproves the document, the Implementing Partner shall modify the document and resubmit it for the Project Manager's approval in accordance with GCC Sub-Clause 20.3.2. If the Project Manager approves the document subject to modification(s), the Implementing Partner shall make the required modification(s), and upon resubmission with the required modifications the document shall be deemed to have been approved.

The procedure for submission of the documents by the Implementing Partner and their approval by the Project Manager shall be discussed and finalised with the Implementing Partner.

20.3.5 If any dispute or difference occurs between the EESL and the Implementing Partner in connection with or arising out of the disapproval by the Project Manager of any document and/or any modification(s) thereto that cannot be settled between the parties within a reasonable period, then such dispute or difference may be referred to an Adjudicator for determination in accordance with GCC Sub-Clause 6.1 (Adjudicator) hereof. If such dispute or difference is referred to an Adjudicator, the Project Manager shall give instructions as to whether and if so, how, performance of the Contract is to proceed. The Implementing Partner shall proceed with the Contract in accordance with the Project Manager's instructions, provided that if the Adjudicator upholds the Implementing Partner's view on the dispute and if the EESL has not given notice under GCC Sub-Clause 6.1.2 hereof, then the Implementing Partner shall be reimbursed by the EESL for any additional costs incurred by reason of such instructions and shall be relieved of such responsibility or liability in connection with the dispute and the execution of the instructions as the Adjudicator shall decide, and the Time for Completion shall be extended accordingly.

20.3.6 The Project Manager's approval, with or without modification of the document furnished by the Implementing Partner, shall not relieve the Implementing Partner of any responsibility or liability imposed upon it by any provisions of the Contract except to the extent that any subsequent failure results from modifications required by the Project Manager.

20.3.7 The Implementing Partner shall not depart from any approved document unless the Implementing Partner has first submitted to the Project Manager an amended document and obtained the Project Manager's approval thereof, pursuant to the provisions of this GCC Sub-Clause 20.3.

If the Project Manager requests any change in any already approved document and/or in any document based thereon, the provisions of GCC Clause 39 (Change in the Facilities) shall apply to such request.

## 21. Procurement

### 21.1 Plant and Equipment

Subject to GCC Sub-Clause 14.2, the Implementing Partner shall manufacture or procure and transport all the Plant and Equipment in an expeditious and orderly manner to the Site.

### 21.2 EESL-Supplied Plant, Equipment, and Materials

If Appendix 6 (Scope of Works and Supply by the EESL) to the Contract Agreement provides that the EESL shall furnish any specific items of machinery, equipment or materials to the Implementing Partner, the following provisions shall apply:

21.2.1 The EESL shall, at its own risk and expense, transport each item to the place on or near the Site as agreed upon by the parties and make such item available to the Implementing Partner at the time specified in the program furnished by the Implementing Partner, pursuant to GCC Sub-Clause 18.2 (Program of Performance), unless otherwise mutually agreed.



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21.2.2 Upon receipt of such item, the Implementing Partner shall inspect the same visually and notify the Project Manager of any detected shortage, defect or default. The EESL shall immediately remedy any shortage, defect or default, or the Implementing Partner shall, if practicable and possible, at the request of the EESL, remedy such shortage, defect or default at the EESL's cost and expense. After inspection, such item shall fall under the care, custody and control of the Implementing Partner. The provision of this GCC Sub-Clause 21.2.2 shall apply to any item supplied to remedy any such shortage or defect or to substitute for any defective item, or shall apply to defective items that have been repaired.

21.2.3 The foregoing responsibilities of the Implementing Partner and its obligation of care, custody and control shall not relieve the EESL of liability for any undetected shortage, defect or default, nor place the Implementing Partner under any liability for any such shortage, defect or default whether under GCC Clause 27 (Defect Liability) or under any other provision of Contract.

### 21.3 Transportation

21.3.1 The Implementing Partner shall at its own risk and expense transport all the Plant and Equipment and the Implementing Partner's Equipment to the Site by the mode of transport that the Implementing Partner judges most suitable under all the circumstances.

#### Packing Material

The Contractor shall ensure that all the plant and equipment are suitably packed and protected to prevent damage or deterioration during its transportation to site, handling and storage at site till the time of its installation. The ownership of all such packing material (except empty shipper's containers on which the customs duty has been paid by the Contractor) shall stand transferred to the Employer upon dispatch of the plant and equipment and endorsement of dispatch documents in favour of the Employer.

21.3.2 Unless otherwise provided in the Contract, the Implementing Partner shall be entitled to select any safe mode of transport operated by any person to carry the Plant and Equipment and the Implementing Partner's Equipment.

21.3.3 Upon despatch of each shipment of the Plant and Equipment and the Implementing Partner's Equipment, the Implementing Partner shall notify the EESL by telex, cable, facsimile or Electronic Data Interchange (EDI) of the description of the Plant and Equipment and of the Implementing Partner's Equipment, the point and means of dispatch, and the estimated time and point of arrival in the country where the Site is located, if applicable, and at the Site. The Implementing Partner shall furnish the EESL with relevant shipping documents to be agreed upon between the parties.

21.3.4 The Implementing Partner shall be responsible for obtaining, if necessary, approvals from the authorities for transportation of the Plant and Equipment and the Implementing Partner's Equipment to the Site. The EESL shall use its best endeavors in a timely and expeditious manner to assist the Implementing Partner in obtaining such approvals, if requested by the Implementing Partner. The Implementing Partner shall indemnify and hold harmless the EESL from and against any claim for damage to roads, bridges or any other traffic facilities that may be caused by the transport of the Plant and Equipment and the Implementing Partner's Equipment to the Site.

### 21.4 Customs Clearance

The Implementing Partner shall, at its own expense, handle all imported Plant and Equipment and Implementing Partner's Equipment at the point(s) of import and shall handle any formalities for customs clearance, subject to the EESL's obligations under GCC Sub-Clause 14.2, provided that if applicable laws or regulations require any application or act to be made by or in the name of the EESL, the EESL shall take all necessary steps to comply with such laws or regulations. In the event of delays in customs clearance due to fault of the EESL, the Implementing Partner shall be entitled to an extension in the Time for Completion, pursuant to GCC Clause 40.

## 22. Installation

### 22.1 Setting Out/Supervision/Labour

22.1.1 Bench Mark: The Implementing Partner shall be responsible for the true and proper setting-out of the Facilities in relation to bench marks, reference marks and lines provided to it in writing by or on behalf of the EESL.

If, at any time during the progress of installation of the Facilities, any error shall appear in the position, level or alignment of the Facilities, the Implementing Partner shall forthwith notify the Project Manager of such error and, at



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its own expense, immediately rectify such error to the reasonable satisfaction of the Project Manager. If such error is based on incorrect data provided in writing by or on behalf of the EESL, the expense of rectifying the same shall be borne by the EESL.

**22.1.2 Implementing Partner's Supervision:** The Implementing Partner shall give or provide all necessary superintendence during the installation of the Facilities, and the Construction Manager or its deputy shall be constantly on the Site to provide full-time superintendence of the installation. The Implementing Partner shall provide and employ only technical personnel who are skilled and experienced in their respective callings and supervisory staff who are competent to adequately supervise the work at hand.

**22.1.3 Labour:**

- (a) The Implementing Partner shall provide and employ on the Site in the installation of the Facilities such skilled, semi-skilled and unskilled labor as is necessary for the proper and timely execution of the Contract. The Implementing Partner is encouraged to use local labor that has the necessary skills.
- (b) Unless otherwise provided in the Contract, the Implementing Partner shall be responsible for the recruitment, transportation, accommodation and catering of all labor, local or expatriate, required for the execution of the Contract and for all payments in connection therewith.
- (c) The Implementing Partner shall be responsible for obtaining all necessary permit(s) and/or visa(s) from the appropriate authorities for the entry of all labor and personnel to be employed on the Site into the country where the Site is located.
- (d) The Implementing Partner shall at its own expense provide the means of repatriation to all of its and its SubImplementing Partner's personnel employed on the Contract at the Site to their various home countries. It shall also provide suitable temporary maintenance of all such persons from the cessation of their employment on the Contract to the date programmed for their departure. In the event that the Implementing Partner defaults in providing such means of transportation and temporary maintenance, the EESL may provide the same to such personnel and recover the cost of doing so from the Implementing Partner.
- (e) The Implementing Partner shall at all times during the progress of the Contract use its best endeavors to prevent any unlawful, riotous or disorderly conduct or behavior by or amongst its employees and the labor of its SubImplementing Partners.
- (f) The Implementing Partner shall, in all dealings with its labor and the labor of its SubImplementing Partners currently employed on or connected with the Contract, pay due regard to all recognized festivals, official holidays, religious or other customs and all local laws and regulations pertaining to the employment of labor.

**22.2 Contractor, Implementing Partner's Equipment**

**22.2.1** All Contractors or Implementing Partners' Equipment brought by the Implementing Partner onto the Site shall be deemed to be intended to be used exclusively for the execution of the Contract. The Implementing Partner shall not remove the same from the Site without the Project Manager's consent that such Implementing Partner's Equipment is no longer required for the execution of the Contract.

**22.2.2** Unless otherwise specified in the Contract, upon completion of the Facilities, the Implementing Partner shall remove from the Site all Equipment brought by the Implementing Partner onto the Site and any surplus materials remaining thereon.

**22.2.3** The EESL will, if requested, use its best endeavours to assist the Implementing Partner in obtaining any local, state or national government permission required by the Implementing Partner for the export of the Implementing Partner's Equipment imported by the Implementing Partner for use in the execution of the Contract that is no longer required for the execution of the Contract.

**22.3 Site Regulations and Safety**



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The EESL and the Implementing Partner shall establish Site regulations setting out the rules to be observed in the execution of the Contract at the Site and shall comply therewith. The Implementing Partner shall prepare and submit to the EESL, with a copy to the Project Manager, proposed Site regulations for the EESL's approval, which approval shall not be unreasonably withheld.

Such Site regulations shall include, but shall not be limited to, rules in respect of security, safety of the Facilities, gate control, sanitation, medical care, and fire prevention.

## **22.4 Opportunities for Other Implementing Partners**

22.4.1 The Implementing Partner shall, upon written request from the EESL or the Project Manager, give all reasonable opportunities for carrying out the work to any other Implementing Partners employed by the EESL on or near the Site.

22.4.2 If the Implementing Partner, upon written request from the EESL or the Project Manager, makes available to other Implementing Partners any roads or ways the maintenance for which the Implementing Partner is responsible, permits the use by such other Implementing Partners of the Implementing Partner's Equipment, or provides any other service of whatsoever nature for such other Implementing Partners, the EESL shall fully compensate the Implementing Partner for any loss or damage caused or occasioned by such other Implementing Partners in respect of any such use or service, and shall pay to the Implementing Partner reasonable remuneration for the use of such equipment or the provision of such services.

22.4.3 The Implementing Partner shall also so arrange to perform its work as to minimize, to the extent possible, interference with the work of other Implementing Partners. The Project Manager shall determine the resolution of any difference or conflict that may arise between the Implementing Partner and other Implementing Partners and the workers of the EESL in regard to their work.

22.4.4 The Implementing Partner shall notify the Project Manager promptly of any defects in the other Implementing Partners' work that come to its notice, and that could affect the Implementing Partner's work. The Project Manager shall determine the corrective measures, if any, required to rectify the situation after inspection of the Facilities. Decisions made by the Project Manager shall be binding on the Implementing Partner.

## **22.5 Emergency Work**

If, by reason of an emergency arising in connection with and during the execution of the Contract, any protective or remedial work is necessary as a matter of urgency to prevent damage to the Facilities, the Implementing Partner shall immediately carry out such work.

If the Implementing Partner is unable or unwilling to do such work immediately, the EESL may do or cause such work to be done as the EESL may determine is necessary in order to prevent damage to the Facilities. In such event the EESL shall, as soon as practicable after the occurrence of any such emergency, notify the Implementing Partner in writing of such emergency, the work done and the reasons therefor. If the work done or caused to be done by the EESL is work that the Implementing Partner was liable to do at its own expense under the Contract, the reasonable costs incurred by the EESL in connection therewith shall be paid by the Implementing Partner to the EESL. Otherwise, the cost of such remedial work shall be borne by the EESL.

## **22.6 Site Clearance**

22.6.1 Site Clearance in Course of Performance: In the course of carrying out the Contract, the Implementing Partner shall keep the Site reasonably free from all unnecessary obstruction, store or remove any surplus materials, clear away any wreckage, rubbish or temporary works from the Site, and remove any Implementing Partner's Equipment no longer required for execution of the Contract.

22.6.2 Clearance of Site after Completion: After Completion of all parts of the Facilities, the Implementing Partner shall clear away and remove all wreckage, rubbish and debris of any kind from the Site, and shall leave the Site and Facilities clean and safe.

## **Disposal of Scrap**

The Contractor shall with the agreement of the Employer promptly remove from the site any 'Scrap' generated during



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performance of any activities at site in pursuance of the Contract. The term 'Scrap' shall refer to scrap / waste / remnants arising out of the fabrication of structural steel work and piping work at the project site in the course of execution of the contract and shall also include any wastage of cables during the termination process while installing the cables.

The ownership of such Scrap shall vest with the Contractor except in cases where the items have been issued by the Employer from its stores for their installation only without any adjustment to the Contract Price. The removal of scrap shall be subject to the Contractor producing the necessary clearance from the relevant authorities (Custom, Excise etc.), if required by the law, in respect of disposal of the scrap. The liability for the payment of the applicable taxes/duties shall be that of the Contractor. Harmful scrap shall be disposed as per environmental statutory or other guidelines at contractor or implementing partner own cost.

The Contractor shall also indemnify to keep the Employer harmless from any act of omission or negligence on the part of the Contractor in following the statutory requirements with regard to removal/disposal of scrap. The Indemnity Bond shall be furnished by Contractor as per proforma enclosed in Section-VII (Forms and Procedure) as Form No. 14. Further, in case the laws require the Employer to take prior permission of the relevant Authorities before handing over the scrap to the Contractor, the same shall be obtained by the Contractor on behalf of the Employer.

However scrap generated in say replacement of pumps (i.e. old pumps as scrap) or any other scrap which is owned by EESL as per contract agreement, the same shall be disposed by EESL and EESL will get the payment. Contractor or Implementing Partner will co-ordinate with EESL and the agency picking up the scrap, for scrap disposal.

#### 22.7 Watching and Lighting

The Implementing Partner shall provide and maintain at its own expense all lighting, fencing, and watching when and where necessary for the proper execution and the protection of the Facilities, or for the safety of the owners and occupiers of adjacent property and for the safety of the public.

#### 22.8 Work at Night and on Holidays

22.8.1 Unless otherwise provided in the Contract, no work shall be carried out during the night and on public holidays of the country where the Site is located without prior written consent of the EESL, except where work is necessary or required to ensure safety of the Facilities or for the protection of life, or to prevent loss or damage to property, when the Implementing Partner shall immediately advise the Project Manager, provided that provisions of this GCC Sub-Clause 22.8.1 shall not apply to any work which is customarily carried out by rotary or double-shifts.

22.8.2 Notwithstanding GCC Sub-Clauses 22.8.1 or 22.1.3, if and when the Implementing Partner considers it necessary to carry out work at night or on public holidays so as to meet the Time for Completion and requests the EESL's consent thereto, the EESL shall not unreasonably withhold such consent.

#### 23. Test and Inspection

23.1 The Implementing Partner shall at its own expense carry out at the place of manufacture and/or on the Site all such tests and/or inspections of the Plant and Equipment and any part of the Facilities as are specified in the Contract.

23.2 The EESL and the Project Manager or their designated representatives shall be entitled to attend the aforesaid test and/or inspection, provided that the EESL shall bear all costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

23.3 Whenever the Implementing Partner is ready to carry out any such test and/or inspection, the Implementing Partner shall give a reasonable advance notice of such test and/or inspection and of the place and time thereof to the Project Manager. The Implementing Partner shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the EESL and the Project Manager (or their designated representatives) to attend the test and/or inspection.

23.4 The Implementing Partner shall provide the Project Manager with a certified report of the results of any such test and/or inspection.

If the EESL or Project Manager (or their designated representatives) fails to attend the test and/or inspection, or if it is agreed between the parties that such persons shall not do so, then the Implementing Partner may proceed



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with the test and/or inspection in the absence of such persons, and may provide the Project Manager with a certified report of the results thereof.

23.5 The Project Manager may require the Implementing Partner to carry out any test and/or inspection not required by the Contract, provided that the Implementing Partner's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of work on the Facilities and/or the Implementing Partner's performance of its other obligations under the Contract, due allowance will be made in respect of the Time for Completion and the other obligations so affected.

23.6 If any Plant and Equipment or any part of the Facilities fails to pass any test and/or inspection, the Implementing Partner shall either rectify or replace such Plant and Equipment or part of the Facilities and shall repeat the test and/or inspection upon giving a notice under GCC Sub-Clause 23.3.

23.7 If any dispute or difference of opinion shall arise between the parties in connection with or arising out of the test and/or inspection of the Plant and Equipment or part of the Facilities that cannot be settled between the parties within a reasonable period of time, it may be referred to the Adjudicator for determination in accordance with GCC Sub-Clause 6.1 (Adjudicator).

23.8 The Implementing Partner shall afford the EESL and the Project Manager, at the EESL's expense, access at any reasonable time to any place where the Plant and Equipment are being manufactured or the Facilities are being installed, in order to inspect the progress and the manner of manufacture or installation, provided that the Project Manager shall give the Implementing Partner a reasonable prior notice.

23.9 The Implementing Partner agrees that neither the execution of a test and/or inspection of Plant and Equipment or any part of the Facilities, nor the attendance by the EESL or the Project Manager, nor the issue of any test certificate pursuant to GCC Sub-Clause 23.4, shall release the Implementing Partner from any other responsibilities under the Contract.

23.10 No part of the Facilities or foundations shall be covered up on the Site without the Implementing Partner carrying out any test and/or inspection required under the Contract. The Implementing Partner shall give a reasonable notice to the Project Manager whenever any such part of the Facilities or foundations are ready or about to be ready for test and/or inspection; such test and/or inspection and notice thereof shall be subject to the requirements of the Contract.

23.11 The Implementing Partner shall uncover any part of the Facilities or foundations, or shall make openings in or through the same as the Project Manager may from time to time require at the Site, and shall reinstate and make good such part or parts.

If any part of the Facilities or foundations have been covered up at the Site after compliance with the requirement of GCC Sub-Clause 23.10 and are found to be executed in accordance with the Contract, the expenses of uncovering, making openings in or through, reinstating, and making good the same shall be borne by the EESL, and the Time for Completion shall be reasonably adjusted to the extent that the Implementing Partner has thereby been delayed or impeded in the performance of any of its obligations under the Contract.

## 24. Completion of the Facilities

24.1 As soon as the Facilities or any part thereof has, in the opinion of the Implementing Partner, been completed operationally and structurally and put in a tight and clean condition as specified in the Technical Specifications, excluding minor items not materially affecting the operation or safety of the Facilities, the Implementing Partner shall so notify the EESL in writing.

24.2 Within seven (7) days after receipt of the notice from the Implementing Partner under GCC Sub-Clause 24.1, the EESL shall supply the operating and maintenance personnel specified in Appendix 6 (Scope of Work and Supply by the EESL) to the Contract Agreement, required for Precommissioning of the Facilities or any part thereof.

Unless otherwise specified in the Technical Specifications, the EESL shall also provide, within the said seven (7) day period, the raw materials, utilities, lubricants, chemicals, catalysts, facilities, services and other matters required for Precommissioning of the Facilities or any part thereof.

24.3 As soon as reasonably practicable after the operating and maintenance personnel have been supplied by the EESL and the raw materials, utilities, lubricants, chemicals, catalysts, facilities, services and other matters, if so specified in Appendix 6 (Scope of Work and Supply by the EESL) / Technical Specifications, have been provided



by the EESL in accordance with GCC Sub-Clause 24.2, the Implementing Partner shall commence Precommissioning of the Facilities or the relevant part thereof in preparation for Commissioning.

24.4 As soon as all works in respect of Precommissioning are completed and, in the opinion of the Implementing Partner, the Facilities or any part thereof is ready for Commissioning, the Implementing Partner shall commence Commissioning as per procedures stipulated in Technical Specifications, and as soon as Commissioning is satisfactorily completed, the Implementing Partner shall so notify the Project Manager in writing.

24.5 The Project Manager shall, within fourteen (14) days after receipt of the Implementing Partner's notice under GCC Sub-Clause 24.4, either issue a Completion Certificate in the form specified in the Forms and Procedures section in the bidding documents, stating that the Facilities or that part thereof have reached Completion as at the date of the Implementing Partner's notice under GCC Sub-Clause 24.4, or notify the Implementing Partner in writing of any defects and/or deficiencies.

If the Project Manager notifies the Implementing Partner of any defects and/or deficiencies, the Implementing Partner shall then correct such defects and/or deficiencies, and shall repeat the procedure described in GCC Sub Clause 24.4.

If the Project Manager is satisfied that the Facilities or that part thereof have reached Completion, the Project Manager shall, within seven (7) days after receipt of the Implementing Partner's repeated notice, issue a Completion Certificate stating that the Facilities or that part thereof have reached Completion as at the date of the Implementing Partner's repeated notice.

If the Project Manager is not so satisfied, then it shall notify the Implementing Partner in writing of any defects and/or deficiencies within seven (7) days after receipt of the Implementing Partner's repeated notice, and the above procedure shall be repeated.

24.6 If the Project Manager fails to issue the Completion Certificate and fails to inform the Implementing Partner of any defects and/or deficiencies within fourteen (14) days after receipt of the Implementing Partner's notice under GCC Sub-Clause 24.4 or within seven (7) days after receipt of the Implementing Partner's repeated notice under GCC Sub-Clause 24.5, or if the EESL makes use of the Facilities or part thereof, then the Facilities or that part thereof shall be deemed to have reached Completion as of the date of the Implementing Partner's notice or repeated notice, or as of the EESL's use of the Facilities, as the case may be.

24.7 As soon as possible after Completion, the Implementing Partner shall complete all outstanding minor items so that the Facilities are fully in accordance with the requirements of the Contract, failing which the EESL will undertake such completion and deduct the costs thereof from any monies owing to the Implementing Partner.

24.8 Upon Completion, the EESL shall be responsible for the care and custody of the Facilities or the relevant part thereof, together with the risk of loss or damage thereto, and shall thereafter take over the Facilities or the relevant part thereof.

## 25. Commissioning, Guarantee Test and Operational Acceptance

### 25.1 Commissioning

25.1.1 Commissioning of the Facilities or any part thereof shall be completed by the Implementing Partner as per procedures detailed in the Technical Specifications.

The EESL shall, unless otherwise specified in Appendix 6 (Scope of Works and Supply by the EESL)/ Technical Specifications, supply the operating and maintenance personnel and all raw materials, utilities, lubricants, chemicals, catalysts, facilities, services and other matters required for Commissioning of the Facilities.

### 25.2 Guarantee Test (where ever applicable)

25.2.1 The Guarantee Test (and repeats thereof) shall be conducted by the Implementing Partner after Commissioning of the Facilities or the relevant part thereof to ascertain whether the Facilities or the relevant part can attain the Functional Guarantees specified in the Contract Documents. The Implementing Partner's and Project Manager's advisory personnel shall attend the Guarantee Test. The EESL shall promptly provide the Implementing Partner with such



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information as the Implementing Partner may reasonably require in relation to the conduct and results of the Guarantee Test (and any repeats thereof).

25.2.2 If for reasons not attributable to the Implementing Partner, the Guarantee Test of the Facilities or the relevant part thereof cannot be successfully completed within the period from the date of Completion specified in the SCC or any other period agreed upon by the EESL and the Implementing Partner, the Implementing Partner shall be deemed to have fulfilled its obligations with respect to the Functional Guarantees, and GCC Sub-Clauses 28.2 and 28.3 shall not apply.

### 25.3 Operational Acceptance

25.3.1 Subject to GCC Sub-Clause 25.4 (Partial Acceptance) below, Operational Acceptance shall occur in respect of the Facilities or any part thereof when

- (a) the Guarantee Test has been successfully completed and the Functional Guarantees are met; or
- (b) the Guarantee Test has not been successfully completed or has not been carried out for reasons not attributable to the Implementing Partner within the period from the date of Completion specified in the SCC or any other agreed upon period as specified in GCC Sub-Clause 25.2.2 above, but successful Completion of the Facilities has been achieved; or
- (c) the Implementing Partner has paid the liquidated damages specified in GCC Sub-Clause 28.3 hereof; and

(d) any minor items mentioned in GCC Sub-Clause 24.7 hereof relevant to the Facilities or that part thereof have been completed.

25.3.2 At any time after any of the events set out in GCC Sub-Clause 25.3.1 have occurred, the Implementing Partner may give a notice to the Project Manager requesting the issue of an Operational Acceptance Certificate in the form provided in the Bidding Documents or in another form acceptable to the EESL in respect of the Facilities or the part thereof specified in such notice as at the date of such notice.

25.3.3 The Project Manager shall, after consultation with the EESL, and within forty five (45) days after receipt of the Implementing Partner's notice, issue an Operational Acceptance Certificate.

25.3.4 If within forty five (45) days after receipt of the Implementing Partner's notice, the Project Manager fails to issue the Operational Acceptance Certificate or fails to inform the Implementing Partner in writing of the justifiable reasons why the Project Manager has not issued the Operational Acceptance Certificate, the Facilities or the relevant part thereof shall be deemed to have been accepted as at the date of the Implementing Partner's said notice.

### 25.4 Partial Acceptance

25.4.1 If the Contract specifies that Completion and Commissioning shall be carried out in respect of parts of the Facilities, the provisions relating to Completion and Commissioning including the Guarantee Test shall apply to each such part of the Facilities individually, and the Operational Acceptance Certificate shall be issued accordingly for each such part of the Facilities.

25.4.2 If a part of the Facilities comprises facilities such as buildings, for which no Commissioning or Guarantee Test is required, then the Project Manager shall issue the Operational Acceptance Certificate for such facility when it attains Completion, provided that the Implementing Partner shall thereafter complete any outstanding minor items that are listed in the Operational Acceptance Certificate.

## F. Guarantees and Liabilities

### 26. Completion Time Guarantee

26.1 The Implementing Partner guarantees that it shall attain Completion of the Facilities (or a part for which a separate time for completion is specified in the SCC) within the Time for Completion specified in the SCC pursuant to GCC Sub-Clause 8.2, or within such extended time to which the Implementing Partner shall be entitled under GCC Clause 40 (Extension of Time for Completion) hereof.

26.2 If the Implementing Partner fails to attain Completion of the Facilities or any part thereof within the Time for Completion or any extension thereof under GCC Clause 40 (Extension of Time for Completion), the Implementing



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Partner shall pay to the EESL liquidated damages in the amount computed at the rates specified in the SCC. The aggregate amount of such liquidated damages shall in no event exceed the amount specified as "Maximum" in the SCC. Once the "Maximum" is reached, the EESL may consider termination of the Contract, pursuant to GCC Sub-Clause 42.2.2.

Such payment shall completely satisfy the Implementing Partner's obligation to attain Completion of the Facilities or the relevant part thereof within the Time for Completion or any extension thereof under GCC Clause 40 (Extension of Time for Completion). The Implementing Partner shall have no further liability whatsoever to the EESL in respect thereof.

However, the payment of liquidated damages shall not in any way relieve the Implementing Partner from any of its obligations to complete the Facilities or from any other obligations and liabilities of the Implementing Partner under the Contract.

Save for liquidated damages payable under this GCC Sub-Clause 26.2, the failure by the Implementing Partner to attain any milestone or other act, matter or thing by any date specified in Appendix 4 (Time Schedule) to the Contract Agreement and/or other program of work prepared pursuant to GCC Clause 18 (Program of Performance) shall not render the Implementing Partner liable for any loss or damage thereby suffered by the EESL.

## **27. Defect Liability**

27.1 The Implementing Partner warrants that the Facilities or any part thereof shall be free from defects in the design, engineering, materials and workmanship of the Plant and Equipment supplied and of the work executed.

27.2 The Defect Liability Period shall be eighteen (18) months from the date of Completion of the Facilities (or any part thereof) or twelve (12) months from the date of Operational Acceptance of the Facilities (or any part thereof), whichever first occurs, unless specified otherwise in the SCC.

If during the Defect Liability Period any defect should be found in the design, engineering, materials and workmanship of the Plant and Equipment supplied or of the work executed by the Implementing Partner, the Implementing Partner shall promptly, in consultation and agreement with the EESL regarding appropriate remedying of the defects, and at its cost, repair, replace or otherwise make good (as the Implementing Partner shall, at its discretion, determine) such defect as well as any damage to the Facilities caused by such defect. The Implementing Partner shall not be responsible for the repair, replacement or making good of any defect or of any damage to the Facilities arising out of or resulting from any of the following causes:

- (a) improper operation or maintenance of the Facilities by the EESL
- (b) operation of the Facilities outside specifications provided in the Contract.
- (c) Normal wear and tear.

27.3 The Implementing Partner's obligations under this GCC Clause 27 shall not apply to

- (a) any materials that are supplied by the EESL under GCC Sub-Clause 21.2 (EESL-Supplied Plant, Equipment and Materials), are normally consumed in operation, or have a normal life shorter than the Defect Liability Period stated herein.
- (b) any designs, specifications or other data designed, supplied or specified by or on behalf of the EESL or any matters for which the Implementing Partner has disclaimed responsibility herein.
- (c) any other materials supplied or any other work executed by or on behalf of the EESL, except for the work executed by the EESL under GCC Sub-Clause 27.7.

27.4 The EESL shall give the Implementing Partner a notice stating the nature of any such defect together with all available evidence thereof, promptly following the discovery thereof. The EESL shall afford all reasonable opportunity for the Implementing Partner to inspect any such defect.

27.5 The EESL shall afford the Implementing Partner all necessary access to the Facilities and the Site to enable the Implementing Partner to perform its obligations under this GCC Clause 27.

The Implementing Partner may, with the consent of the EESL, remove from the Site any Plant and Equipment or any



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part of the Facilities that are defective if the nature of the defect, and/or any damage to the Facilities caused by the defect, is such that repairs cannot be expeditiously carried out at the Site.

27.6 If the repair, replacement or making good is of such a character that it may affect the efficiency of the Facilities or any part thereof, the EESL may give to the Implementing Partner a notice requiring that tests of the defective part of the Facilities shall be made by the Implementing Partner immediately upon completion of such remedial work, whereupon the Implementing Partner shall carry out such tests.

If such part fails the tests, the Implementing Partner shall carry out further repair, replacement or making good (as the case may be) until that part of the Facilities passes such tests. The tests in character shall in any case be not less than what has already been agreed by the EESL and the Implementing Partner for the original equipment/part of the Facilities.

27.7 If the Implementing Partner fails to commence the work necessary to remedy such defect or any damage to the Facilities caused by such defect within a reasonable time (which shall in no event be considered to be less than fifteen (15) days), the EESL may, following notice to the Implementing Partner, proceed to do such work, and the reasonable costs incurred by the EESL in connection therewith shall be paid to the EESL by the Implementing Partner or may be deducted by the EESL from any monies due to the Implementing Partner or claimed under the Performance Security.

27.8 If the Facilities or any part thereof cannot be used by reason of such defect and/or making good of such defect, the Defect Liability Period of the Facilities or such part, as the case may be, shall be extended by a period equal to the period during which the Facilities or such part cannot be used by the EESL because of any of the aforesaid reasons. Upon correction of the defects in the Facilities or any part thereof by repair/ replacement, such repair/replacement shall have the Defect Liability Period extended by a period of twelve (12) month from the time such replacement/ repair of the Facilities or any part thereof.

27.9 Except as provided in GCC Clauses 27 and 33 (Loss of or Damage to Property / Accident or Injury to Workers/Indemnification), the Implementing Partner shall be under no liability whatsoever and howsoever arising, and whether under the Contract or at law, in respect of defects in the Facilities or any part thereof, the Plant and Equipment, design or engineering or work executed that appear after Completion of the Facilities or any part thereof, except where such defects are the result of the gross negligence, fraud, criminal or wilful action of the Implementing Partner.

27.10 In addition, the Implementing Partner shall also provide an extended warranty for any such component of the Facilities and during the period of time as may be specified in the SCC. Such obligation shall be in addition to the defect liability specified under GCC Sub-Clause 27.2.

## 28. Functional Guarantees

28.1 The Implementing Partner guarantees that during the Guarantee Test, the Facilities and all parts thereof shall attain the Functional Guarantees specified in Appendix 8 (Functional Guarantees) to the Contract Agreement, subject to and upon the conditions therein specified.

28.2 If, for reasons attributable to the Implementing Partner, the guaranteed level of the Functional Guarantees specified in Appendix 8 (Functional Guarantees) to the Contract Agreement are not met either in whole or in part, the Implementing Partner shall, within a mutually agreed time, at its cost and expense make such changes, modifications and/or additions to the Plant or any part thereof as may be necessary to meet such Guarantees. The Implementing Partner shall notify the EESL upon completion of the necessary changes, modifications and/or additions, and shall seek the EESL's consent to repeat the Guarantee Test. If the specified Functional Guarantees are not established even during the repeat of the Guarantee Test, the EESL may at its option, either

- (a) Reject the Equipment and recover the payments already made, or
- (b) Terminate the Contract pursuant to GCC Sub-Clause 42.2.2 and recover the payments already made, or
- (c) Accept the equipment after levy of liquidated damages in accordance with the provisions specified in Appendix-8 (Functional Guarantees) to the Contract Agreement.

28.3 In case the EESL exercises its option to accept the equipment after levy of liquidated damages, the payment of liquidated damages under GCC Sub-Clause 28.2, up to the limitation of liability specified in the Appendix-8 (Functional Guarantees) to the Contract Agreement, shall completely satisfy the Implementing Partner's guarantees



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under GCC Sub-Clause 28.2, and the Implementing Partner shall have no further liability whatsoever to the EESL in respect thereof. Upon the payment of such liquidated damages by the Implementing Partner, the Project Manager shall issue the Operational Acceptance Certificate for the Facilities or any part thereof in respect of which the liquidated damages have been so paid.

## 29. Patent Indemnity

29.1 The Implementing Partner shall, subject to the EESL's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the EESL and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of whatsoever nature, including attorney's fees and expenses, which the EESL may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright or other intellectual property right registered or otherwise existing at the date of the Contract by reason of: (a) the installation of the Facilities by the Implementing Partner or the use of the Facilities in the country where the Site is located; and (b) the sale of the products produced by the Facilities in any country.

Such indemnity shall not cover any use of the Facilities or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, any infringement resulting from the use of the Facilities or any part thereof, or any products produced thereby in association or combination with any other equipment, plant or materials not supplied by the Implementing Partner, pursuant to the Contract Agreement.

29.2 If any proceedings are brought or any claim is made against the EESL arising out of the matters referred to in GCC Sub-Clause 29.1, the EESL shall promptly give the Implementing Partner a notice thereof, and the Implementing Partner may at its own expense and in the EESL's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

If the Implementing Partner fails to notify the EESL within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the EESL shall be free to conduct the same on its own behalf. Unless the Implementing Partner has so failed to notify the EESL within the twenty-eight (28) day period, the EESL shall make no admission that may be prejudicial to the defense of any such proceedings or claim.

The EESL shall, at the Implementing Partner's request, afford all available assistance to the Implementing Partner in conducting such proceedings or claim, and shall be reimbursed by the Implementing Partner for all reasonable expenses incurred in so doing.

29.3 The EESL shall indemnify and hold harmless the Implementing Partner and its employees, officers and Sub-Implementing Partners from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of whatsoever nature, including attorney's fees and expenses, which the Implementing Partner may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the EESL.

## 30. Limitation of Liability

30.1 Except in cases of criminal negligence or wilful misconduct,

- (a) the Implementing Partner shall not be liable to the EESL, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Implementing Partner to pay liquidated damages to the EESL and
- (b) the aggregate liability of the Implementing Partner to the EESL, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to any obligation of the Implementing Partner to indemnify the EESL with respect to patent infringement or as specified in SCC.

## G. Risk Distribution

## 31. Transfer of Ownership

31.1 Ownership of the Plant and Equipment (including spare parts) procured in the country where the Site is located shall be transferred to the EESL when the Plant and Equipment are reached at site.



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31.2 Ownership of the Implementing Partner's Equipment used by the Implementing Partner and its SubImplementing Partners in connection with the Contract shall remain with the Implementing Partner or its SubImplementing Partners.

31.3 Ownership of any Plant and Equipment in excess of the requirements for the Facilities shall revert to the Implementing Partner upon Completion of the Facilities or at such earlier time when the EESL and the Implementing Partner agree that the Plant and Equipment in question are no longer required for the Facilities, provided quantity of any Plant and Equipment specifically stipulated in the Contract shall be the property of the EESL whether or not incorporated in the Facilities.

#### 31.4 Disposal of surplus material

Ownership of any Plant and Equipment in excess of the requirements for the Facilities (i.e. surplus material) shall revert to the Contractor upon Completion of the Facilities and Guarantee Test or at such earlier time when the Employer and the Contractor agree that the Plant and Equipment in question are no longer required for the Facilities, provided quantity of any Plant and Equipment specifically stipulated in the Contract shall be the property of the Employer whether or not incorporated in the Facilities. The Contractor shall remove from the site such surplus material brought by him in pursuance of the Contract, subject to the Contractor producing the necessary clearance from the relevant authorities (Customs, Excise etc.), if required by law, in respect of re-export or disposal of the surplus material locally. The liability for the payment of the applicable taxes/ duties, if any, on the surplus material so re-exported and/or disposed locally shall be that of the Contractor.

The Contractor shall also indemnify to keep the Employer harmless from any act of omission or negligence on the part of the Contractor in following the statutory requirements with regard to removal / disposal of surplus material. The Indemnity Bond shall be furnished by contractor as per proforma enclosed in Section-VII (Forms and Procedure) as Form No. 14. Further, in case the laws require the Employer to take prior permission of the relevant Authorities before handing over the surplus material to the Contractor, the same shall be obtained by the Contractor on behalf of the Employer.

31.5 Notwithstanding the transfer of ownership of the Plant and Equipment, the responsibility for care and custody thereof together with the risk, of loss or damage thereto shall remain with the Implementing Partner pursuant to GCC Clause 32 (Care of Facilities) hereof until Completion of the Facilities or the part thereof in which such Plant and Equipment are incorporated.

31.5 In case of two/three Contracts entered into between the EESL and the Implementing Partner as per GCC Sub-Clause 3.6 or where the EESL hands over his equipment to the Implementing Partner for executing the Contract, then the Implementing Partner shall at the time of taking delivery of the Equipment through Bill of Lading or other despatch documents furnish Trust Receipt for Plant, Equipment and Materials and also execute an Indemnity Bond in favour of the EESL in the form acceptable to EESL for keeping the equipment in safe custody and to utilise the same exclusively for the purpose of the said Contract. Proforma for the Trust Receipt and Indemnity bond. The EESL shall also issue a separate Authorisation Letter to the Implementing Partner to enable him to take physical delivery of plant, equipment and materials from the EESL.

## 32 Care of Facilities

32.1 The Implementing Partner shall be responsible for the care and custody of the Facilities or any part thereof until the date of Completion of the Facilities pursuant to GCC Clause 24 (Completion of the Facilities) or, where the Contract provides for Completion of the Facilities in parts, until the date of Completion of the relevant part, and shall make good at its own cost any loss or damage that may occur to the Facilities or the relevant part thereof from any cause whatsoever during such period. The Implementing Partner shall also be responsible for any loss or damage to the Facilities caused by the Implementing Partner or its SubImplementing Partners in the course of any work carried out, pursuant to GCC Clause 27 (Defect Liability). Notwithstanding the foregoing, the Implementing Partner shall not be liable for any loss or damage to the Facilities or that part thereof caused by reason of any of the matters specified or referred to in paragraphs (a), (b) and (c) of GCC Sub-Clauses 32.2 and 38.1.

32.2 If any loss or damage occurs to the Facilities or any part thereof or to the Implementing Partner's temporary facilities by reason of

- (a) (insofar as they relate to the country where the Site is located) nuclear reaction, nuclear radiation,



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radioactive contamination, pressure wave caused by aircraft or other aerial objects, or any other occurrences that an experienced Implementing Partner could not reasonably foresee, or if reasonably foreseeable could not reasonably make provision for or insure against, insofar as such risks are not normally insurable on the insurance market and are mentioned in the general exclusions of the policy of insurance, including War Risks and Political Risks, taken out under GCC Clause 34 (Insurance) hereof.

- (b) any use or occupation by the EESL or any third party (other than a SubImplementing Partner) authorized by the EESL of any part of the Facilities.
- (c) any use of or reliance upon any design, data or specification provided or designated by or on behalf of the EESL, or any such matter for which the Implementing Partner has disclaimed responsibility herein,

the EESL shall pay to the Implementing Partner all sums payable in respect of the Facilities executed, notwithstanding that the same be lost, destroyed or damaged, and will pay to the Implementing Partner the replacement value of all temporary facilities and all parts thereof lost, destroyed or damaged. If the EESL requests the Implementing Partner in writing to make good any loss or damage to the Facilities thereby occasioned, the Implementing Partner shall make good the same at the cost of the EESL in accordance with GCC Clause 39 (Change in the Facilities). If the EESL does not request the Implementing Partner in writing to make good any loss or damage to the Facilities thereby occasioned, the EESL shall either request a change in accordance with GCC Clause 39 (Change in the Facilities), excluding the performance of that part of the Facilities thereby lost, destroyed or damaged, or, where the loss or damage affects a substantial part of the Facilities, the EESL shall terminate the Contract pursuant to GCC Sub-Clause 42.1 (Termination for EESL's Convenience) hereof, except that the Implementing Partner shall have no entitlement to profit under paragraph (e) of GCC Sub-Clause 42.1.3 in respect of any unexecuted Facilities as at the date of termination.

32.3 The Implementing Partner shall be liable for any loss of or damage to any Implementing Partner's Equipment, or any other property of the Implementing Partner used or intended to be used for purposes of the Facilities, except (i) as mentioned in GCC Sub-Clause 32.2 (with respect to the Implementing Partner's temporary facilities), and (ii) where such loss or damage arises by reason of any of the matters specified in GCC Sub-Clauses 32.2(b) and (c) and 38.1.

32.3 With respect to any loss or damage caused to the Facilities or any part thereof or to the Implementing Partner's Equipment by reason of any of the matters specified in GCC Sub-Clause 38.1, the provisions of GCC Sub-Clause 38.3 shall apply.

### 33 Loss of or Damage to Property; Accident or Injury to workers; Indemnification

33.1 Subject to GCC Sub-Clause 33.3, the Implementing Partner shall indemnify and hold harmless the EESL and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of whatsoever nature, including attorney's fees and expenses, in respect of the death or injury of any person or loss of or damage to any property (other than the Facilities whether accepted or not), arising in connection with the supply and installation of the Facilities and by reason of the negligence of the Implementing Partner or its SubImplementing Partners, or their employees, officers or agents, except any injury, death or property damage caused by the negligence of the EESL, its Implementing Partners, employees, officers or agents.

33.2 If any proceedings are brought or any claim is made against the EESL that might subject the Implementing Partner to liability under GCC Sub-Clause 33.1, the EESL shall promptly give the Implementing Partner a notice thereof and the Implementing Partner may at its own expense and in the EESL's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

If the Implementing Partner fails to notify the EESL within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the EESL shall be free to conduct the same on its own behalf. Unless the Implementing Partner has so failed to notify the EESL within the twenty-eight (28) day period, the EESL shall make no admission that may be prejudicial to the defense of any such proceedings or claim.

The EESL shall, at the Implementing Partner's request, afford all available assistance to the Implementing Partner in conducting such proceedings or claim, and shall be reimbursed by the Implementing Partner for all reasonable expenses incurred in so doing.

33.3 The EESL shall indemnify and hold harmless the Implementing Partner and its employees, officers and SubImplementing Partners from any liability for loss of or damage to property of the EESL, other than the Facilities not yet taken over, that is caused by fire, explosion or any other perils, in excess of the amount recoverable from insurances procured under GCC Clause 34 (Insurances), provided that such fire, explosion or other perils were not caused by any act or failure of the Implementing Partner.



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33.4 The party entitled to the benefit of an indemnity under this GCC Clause 33 shall take all reasonable measures to mitigate any loss or damage which has occurred. If the party fails to take such measures, the other party's liabilities shall be correspondingly reduced.

#### **34 Insurance**

34.1 To the extent specified in Appendix 3 (Insurance Requirements) to the Contract Agreement, the Implementing Partner shall at its expense take out and maintain in effect, or cause to be taken out and maintained in effect, during the performance of the Contract, the insurances set forth below in the sums and with the deductibles and other conditions specified in the said Appendix. The identity of the insurers and the form of the policies shall be subject to the approval of the EESL, who should not Unreasonably withhold such approval.

##### **(a) Cargo Insurance During Transport**

Covering loss or damage occurring while in transit from the Implementing Partner's or SubImplementing Partner's works or stores until arrival at the Site, to the Plant and Equipment (including spare parts therefor) and to the Implementing Partner's Equipment.

##### **(b) Installation All Risks Insurance**

Covering physical loss or damage to the Facilities at the Site, occurring prior to Completion of the Facilities, with an extended maintenance coverage for the Implementing Partner's liability in respect of any loss or damage occurring during the Defect Liability Period while the Implementing Partner is on the Site for the purpose of performing its obligations during the Defect Liability Period.

##### **(c) Third Party Liability Insurance**

Covering bodily injury or death suffered by third parties (including the EESL's personnel) and loss of or damage to property occurring in connection with the supply and installation of the Facilities.

##### **(d) Automobile Liability Insurance**

Covering use of all vehicles used by the Implementing Partner or its SubImplementing Partners (whether or not owned by them) in connection with the execution of the Contract.

##### **(e) Workers' Compensation**

In accordance with the statutory requirements applicable in any country where the Contract or any part thereof is executed.

##### **(f) EESL's Liability**

In accordance with the statutory requirements applicable in any country where the Contract or any part thereof is executed.

##### **(g) Other Insurances**

Such other insurances as may be specifically agreed upon by the parties hereto as listed in the said Appendix 3.

34.2 The EESL shall be named as co-insured under all insurance policies taken out by the Implementing Partner pursuant to GCC Sub-Clause 34.1, except for the Third Party Liability, Workers' Compensation and EESL's Liability Insurances, and the Implementing Partner's SubImplementing Partners shall be named as co-insured's under all insurance policies taken out by the Implementing Partner pursuant to GCC Sub-Clause 34.1 except for the Cargo Insurance During Transport, Workers' Compensation and EESL's Liability Insurances. All insurers' rights of subrogation against such co-insured's for losses or claims arising out of the performance of the Contract shall be waived under such policies.

34.3 The Implementing Partner shall, in accordance with the provisions of Appendix 3 (Insurance Requirements) to the Contract Agreement, deliver to the EESL certificates of insurance (or copies of the insurance policies) as evidence that the required policies are in full force and effect. The certificates shall provide that no less than twenty-one (21) days' notice shall be given to the EESL by insurers prior to cancellation or material modification of a policy.

34.4 The Implementing Partner shall ensure that, where applicable, its SubImplementing Partner(s) shall take out and maintain in effect adequate insurance policies for their personnel and vehicles and for work executed by them under the Contract, unless such SubImplementing Partners are covered by the policies taken out by the Implementing Partner.



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34.5 The EESL shall at its expense take out and maintain in effect during the performance of the Contract those insurances specified in Appendix 3 (Insurance Requirements) to the Contract Agreement.

34.6 If the Implementing Partner fails to take out and/or maintain in effect the insurances referred to in GCC Sub-Clause 34.1, the EESL may take out and maintain in effect any such insurances and may from time to time deduct from any amount due the Implementing Partner under the Contract any premium that the EESL shall have paid to the insurer, or may otherwise recover such amount as a debt due from the Implementing Partner. If the EESL fails to take out and/or maintain in effect the insurances referred to in GCC 34.5, the Implementing Partner may take out and maintain in effect any such insurances and may from time to time deduct from any amount due the EESL under the Contract any premium that the Implementing Partner shall have paid to the insurer, or may otherwise recover such amount as a debt due from the EESL. If the Implementing Partner fails to or is unable to take out and maintain in effect any such insurances, the Implementing Partner shall nevertheless have no liability or responsibility towards the EESL, and the Implementing Partner shall have full recourse against the EESL for any and all liabilities of the EESL herein.

34.7 Unless otherwise provided in the Contract, the Implementing Partner shall prepare and conduct all and any claims made under the policies effected by it pursuant to this GCC Clause 34, and all monies payable by any insurers shall be paid to the Implementing Partner as per the procedure outlined in GCC Sub-Clause 34.8 below. The EESL shall give to the Implementing Partner all such reasonable assistance as may be required by the Implementing Partner. With respect to insurance claims in which the EESL's interest is involved, the Implementing Partner shall not give any release or make any compromise with the insurer without the prior written consent of the EESL. With respect to insurance claims in which the Implementing Partner's interest is involved, the EESL shall not give any release or make any compromise with the insurer without the prior written consent of the Implementing Partner.

34.8 (i) wherever total damages/loss of equipment/material, would occur, the Implementing Partner will be entitled to payment of all payments received from the underwriters except the following amounts:

(a) The amount paid to the Implementing Partner under the Contract in respect of equipment/material damaged/lost (excluding the pro-rata initial advance) but including the entire amount of escalation, if any, already paid to the Contractor.

(b) Custom Duties and other taxes and duties which have already been paid by the EESL.

In the event the claim money settled, is less than the total of the amount in a & b above, then the entire claim money settled will be retained by the EESL and the Implementing Partner will forth-with pay the EESL the short fall amount between the claim money and the total of amounts as per a & b mentioned above.

Subsequent payments, if any, due under the Contract shall be regulated by the relevant terms of payment.

(II) In case of damage to any equipment/material during any stage, the Implementing Partner upon rectification of the damaged equipment to the satisfaction of the EESL shall be paid to the extent of all claims settled by the underwriters.

### 35 Unforeseen Conditions

35.1 If, during the execution of the Contract, the Implementing Partner shall encounter on the Site any physical conditions (other than climatic conditions) or artificial obstructions that could not have been reasonably foreseen prior to the date of the Contract Agreement by an experienced Implementing Partner on the basis of reasonable examination of the data relating to the Facilities (including any data as to boring tests) provided by the EESL, and on the basis of information that it could have obtained from a visual inspection of the Site (if access thereto was available) or other data readily available to it relating to the Facilities, and if the Implementing Partner determines that it will in consequence of such conditions or obstructions incur additional cost and expense or require additional time to perform its obligations under the Contract that would not have been required if such physical conditions or artificial obstructions had not been encountered, the Implementing Partner shall promptly, and before performing additional work or using additional Plant and Equipment or Implementing Partner's Equipment, notify the Project Manager in writing of

a) the physical conditions or artificial obstructions on the Site that could not have been reasonably foreseen.



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- b) the additional work and/or Plant and Equipment and/or Implementing Partner's Equipment required, including the steps which the Implementing Partner will or proposes to take to overcome such conditions or obstructions.
- c) the extent of the anticipated delay.
- d) the additional cost and expense that the Implementing Partner is likely to incur.

On receiving any notice from the Implementing Partner under this GCC Sub-Clause 35.1, the Project Manager shall promptly consult with the EESL and Implementing Partner and decide upon the actions to be taken to overcome the physical conditions or artificial obstructions encountered. Following such consultations, the Project Manager shall instruct the Implementing Partner, with a copy to the EESL, of the actions to be taken.

35.2 Any reasonable additional cost and expense incurred by the Implementing Partner in following the instructions from the Project Manager to overcome such physical conditions or artificial obstructions referred to in GCC Sub-Clause 35.1 shall be paid by the EESL to the Implementing Partner as an addition to the Contract Price.

35.3 If the Implementing Partner is delayed or impeded in the performance of the Contract because of any such physical conditions or artificial obstructions referred to in GCC Sub-Clause 35.1, the Time for Completion shall be extended in accordance with GCC Clause 40 (Extension of Time for Completion).

### 36 Change in Laws and Regulations

36.1 If, after the date seven (7) days prior to the date of Bid submission, in the country where the Site is located, any law, regulation, ordinance, order or by-law having the force of law is enacted, promulgated, abrogated or changed (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the costs and expenses of the Implementing Partner and/or the Time for Completion, the Contract Price shall be correspondingly increased or decreased, and/or the Time for Completion shall be reasonably adjusted to the extent that the Implementing Partner has thereby been affected in the performance of any of its obligations under the Contract. However, these adjustments would be restricted to direct transactions between the EESL and the Implementing Partner/Assignee of Foreign Implementing Partner (if applicable). These adjustments shall not be applicable on procurement of raw materials, intermediary components etc. by the Implementing Partner/Assignee of Foreign Implementing Partner and shall also not be applicable on bought out items despatched directly from sub-vendor works to site. Further, no adjustment of the Contract Price and/or payment or reimbursement of taxes, duties or levies shall be made on account of variation in or withdrawal of Deemed Export benefits. Notwithstanding the foregoing, such additional or reduced costs shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with the Appendix 2 to the Contract Agreement.

### 37 Force Majeure

37.1 "Force Majeure" shall mean any event beyond the reasonable control of the EESL or of the Implementing Partner, as the case may be, and which is unavoidable notwithstanding the reasonable care of the party affected.

37.2 If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances thereof within fourteen (14) days after the occurrence of such event.

37.3 The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party's performance is prevented, hindered or delayed. The Time for Completion shall be extended in accordance with GCC Clause 40 (Extension of Time for Completion).

37.4 The party or parties affected by the event of Force Majeure shall use reasonable efforts to mitigate the effect thereof upon its or their performance of the Contract and to fulfil its or their obligations under the Contract, but without prejudice to either party's right to terminate the Contract under GCC Sub-Clauses 37.6 and 38.5.

37.5 No delay or non performance by either party hereto caused by the occurrence of any event of Force Majeure shall

- a) constitute a default or breach of the Contract
- b) (subject to GCC Sub-Clauses 32.2, 38.3 and 38.4) give rise to any claim for damages or additional cost or



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expense occasioned thereby

If and to the extent that such delay or non performance is caused by the occurrence of an event of Force Majeure.

37.6 If the performance of the Contract is substantially prevented, hindered or delayed for a single period of more than sixty (60) days or an aggregate period of more than one hundred and twenty (120) days on account of one or more events of Force Majeure during the currency of the Contract, the parties will attempt to develop a mutually satisfactory solution, failing which the dispute shall be resolved in accordance with GCC Clause 6.

37.7 Notwithstanding GCC Sub-Clause 37.5, Force Majeure shall not apply to any obligation of the EESL to make payments to the Implementing Partner herein.

### 38 War Risks

38.1 "War Risks" shall mean any of the following events occurring or existing in or near the country (or countries) where the Site is located:

- a) war, hostilities or warlike operations (whether a state of war is declared or not), invasion, act of foreign enemy and civil war
- b) rebellion, revolution, insurrection, mutiny, usurpation of civil or military government, conspiracy, riot, civil commotion and terrorist acts, and
- c) any explosion or impact of any mine, bomb, shell, grenade or other projectile, missile, munitions or explosive of war.

38.2 Notwithstanding anything contained in the Contract, the Implementing Partner shall have no liability whatsoever for or with respect to

- a) destruction of or damage to Facilities, Plant & Equipment, or any part thereof
- b) destruction of or damage to property of the EESL or any third party
- c) injury or loss of life

if such destruction, damage, injury or loss of life is caused by any War Risks, and the EESL shall indemnify and hold the Implementing Partner harmless from and against any and all claims, liabilities, actions, lawsuits, damages, costs, charges or expenses arising in consequence of or in connection with the same.

38.3 If the Facilities or any Plant and Equipment or Implementing Partner's Equipment or any other property of the Implementing Partner used or intended to be used for the purposes of the Facilities shall sustain destruction or damage by reason of any War Risks, the EESL shall pay the Implementing Partner for

- a) any part of the Facilities or the Plant and Equipment so destroyed or damaged (to the extent not already paid for by the EESL)
- b) replacing or making good any Implementing Partner's Equipment or other property of the Implementing Partner so destroyed or damaged so far as may be required by the EESL, and as may be necessary for completion of the Facilities,
- c) replacing or making good any such destruction or damage to the Facilities or the Plant and Equipment or any part thereof.

If the EESL does not require the Implementing Partner to replace or make good any such destruction or damage to the Facilities, the EESL shall either request a change in accordance with GCC Clause 39 (Change in the Facilities), excluding the performance of that part of the Facilities thereby destroyed or damaged or, where the loss, destruction or damage affects a substantial part of the Facilities, shall terminate the Contract, pursuant to GCC Sub-Clause 42.1 (Termination for EESL's Convenience).

38.4 Notwithstanding anything contained in the Contract, the EESL shall pay the Implementing Partner for any increased costs or incidentals to the execution of the Contract that are in any way attributable to, consequent on, resulting from, or in any way connected with any War Risks, provided that the Implementing Partner shall as soon as



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practicable notify the EESL in writing of any such increased cost.

38.5 If during the performance of the Contract any War Risks shall occur that financially or otherwise materially affect the execution of the Contract by the Implementing Partner, the Implementing Partner shall use its reasonable efforts to execute the Contract with due and proper consideration given to the safety of its and its SubImplementing Partners' personnel engaged in the work on the Facilities, provided, however, that if the execution of the work on the Facilities becomes impossible or is substantially prevented for a single period of more than sixty (60) days or an aggregate period of more than one hundred and twenty (120) days on account of any War Risks, the parties will attempt to develop a mutually satisfactory solution, failing which the dispute will be resolved in accordance with GCC Clause 6.

38.6 In the event of termination pursuant to GCC Sub-Clauses 38.3, the rights and obligations of the EESL and the Implementing Partner shall be specified in GCC Sub-Clauses 42.1.2 and 42.1.3, except that the Implementing Partner shall have no entitlement to profit under paragraph (e) of GCC Sub-Clause 42.1.3 in respect of any unexecuted Facilities as of the date of termination.

## **H. Change in Contract Element**

### **39.1 Changes in the Facilities**

39.1.1 The EESL shall have the right to propose, and subsequently require, that the Project Manager order the Implementing Partner from time to time during the performance of the Contract to make any change, modification, addition or deletion to, in or from the Facilities (hereinafter called "Change"), provided that such Change falls within the general scope of the Facilities and does not constitute unrelated work and that it is technically practicable, taking into account both the state of advancement of the Facilities and the technical compatibility of the Change envisaged with the nature of the Facilities as specified in the Contract .

39.1.2 The Implementing Partner may from time to time during its performance of the Contract propose to the EESL (with a copy to the Project Manager) any Change that the Implementing Partner considers necessary or desirable to improve the quality, efficiency or safety of the Facilities. The EESL may at its discretion approve or reject any Change proposed by the Implementing Partner.

39.1.3 Notwithstanding GCC Sub-Clauses 39.1.1 and 39.1.2, no change made necessary because of any default of the Implementing Partner in the performance of its obligations under the Contract shall be deemed to be a Change, and such change shall not result in any adjustment of the Contract Price or the Time for Completion.

39.1.4 The procedure on how to proceed with and execute Changes is specified in GCC Sub-Clauses 39.2 and 39.3.

### **39.2 Changes Originating from EESL**

If the EESL proposes a Change pursuant to GCC Sub-Clause 39.1.1, it shall send to the Implementing Partner a "Request for Change Proposal," requiring the Implementing Partner to prepare and furnish to the Project Manager as soon as reasonably practicable a "Change Proposal," which shall include the following:

- a) brief description of the Change
- b) effect on the Time for Completion
- c) estimated cost of the Change
- d) effect on Functional Guarantees (if any)
- e) effect on any other provisions of the Contract.

39.2.2 The pricing of any Change shall, as far as practicable, be calculated in accordance with the rates and prices included in the Contract. If the rates and prices of any change are in the Contract, the parties thereto shall agree on specific rates for the valuation of the Change.

39.2.3 If before or during the preparation of the Change Proposal it becomes apparent that the aggregate effect of compliance therewith and with all other Change Orders that have already become binding upon the Implementing Partner under this GCC Clause 39 would be to increase or decrease the Contract Price as originally set forth in Article 2 (Contract Price) of the Contract Agreement by more than fifteen (15) percent, the Implementing Partner may give a written notice of objection thereto prior to furnishing the Change Proposal as aforesaid. If the EESL accepts the Implementing Partner's objection, the EESL and the Implementing Partner shall agree on specific rates for valuation of the change.

39.2.4 Upon receipt of the Change Proposal, the EESL and the Implementing Partner shall mutually agree upon all matters therein contained including agreement on rates if such rates are not available in the Contract or if the limit of



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15% set forth in Clause 39.2.3 has been exceeded. Within fourteen (14) days after such agreement, the EESL shall, if it intends to proceed with the Change, issue the Implementing Partner with a Change Order.

If the EESL is unable to reach a decision within fourteen (14) days, it shall notify the Implementing Partner with details of when the Implementing Partner can expect a decision.

If the EESL decides not to proceed with the Change for whatever reason, it shall, within the said period of fourteen (14) days, notify the Implementing Partner accordingly.

39.2.5 If the EESL and the Implementing Partner cannot reach agreement on the price for the Change, an equitable adjustment to the Time for Completion, or any other matters identified in the Change Proposal, the EESL may nevertheless instruct the Implementing Partner to proceed with the Change by issue of a "Pending Agreement Change Order."

Upon receipt of a Pending Agreement Change Order, the Implementing Partner shall immediately proceed with effecting the Changes covered by such Order. The parties shall thereafter attempt to reach agreement on the outstanding issues under the Change Proposal.

### 39.3 Changes Originating from Implementing Partner

39.3.1 If the Implementing Partner proposes a Change pursuant to GCC Sub-Clause 39.1.2, the Implementing Partner shall submit to the Project Manager a written "Application for Change Proposal," giving reasons for the proposed Change and including the information specified in GCC Sub-Clause 39.2.1.

Upon receipt of the Application for Change Proposal, the parties shall follow the procedures outlined in GCC Sub-Clauses 39.2.4 and 39.2.5

## 40. Extension of Time for Completion

40.1 The Time(s) for Completion specified in the SCC shall be extended if the Implementing Partner is delayed or impeded in the performance of any of its obligations under the Contract by reason of any of the following:

- a) any Change in the Facilities as provided in GCC Clause 39 (Change in the Facilities)
- b) any occurrence of Force Majeure as provided in GCC Clause 37 (Force Majeure), unforeseen conditions as provided in GCC Clause 35 (Unforeseen Conditions), or other occurrence of any of the matters specified or referred to in paragraphs (a), (b) and (c) of GCC Sub-Clause 32.2
- c) any suspension order given by the EESL under GCC Clause 41 (Suspension) hereof or reduction in the rate of progress pursuant to GCC Sub-Clause 41.2 or
- d) any changes in laws and regulations as provided in GCC Clause 36 (Change in Laws and Regulations) or
- e) any default or breach of the Contract by the EESL, specifically including failure to supply the items listed in Appendix 6 (Scope of Works and Supply by the EESL) to the Contract Agreement, or any activity, act or omission of any other Implementing Partners employed by the EESL or
- f) any other matter specifically mentioned in the Contract;

by such period as shall be fair and reasonable in all the circumstances and as shall fairly reflect the delay or impediment sustained by the Implementing Partner.

40.2 Except where otherwise specifically provided in the Contract, the Implementing Partner shall submit to the Project Manager a notice of a claim for an extension of the Time for Completion, together with particulars of the event or circumstance justifying such extension as soon as reasonably practicable after the commencement of such event or circumstance. As soon as reasonably practicable after receipt of such notice and supporting particulars of the claim, the EESL and the Implementing Partner shall agree upon the period of such extension. In the event that the Implementing Partner does not accept the EESL's estimate of a fair and reasonable time extension, the Implementing Partner shall be entitled to refer the matter to the Adjudicator, pursuant to GCC Sub-Clause 6.1 (Adjudicator).

40.3 The Implementing Partner shall at all times use its reasonable efforts to minimize any delay in the performance



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of its obligations under the Contract.

## 41 Suspension

41.1 The EESL/ Project Manager may, by notice to the Implementing Partner, order the Implementing Partner to suspend performance of any or all of its obligations under the Contract. Such notice shall specify the obligation of which performance is to be suspended, the effective date of the suspension and the reasons therefore. The Implementing Partner shall thereupon suspend performance of such obligation (except those obligations necessary for the care or preservation of the Facilities) until ordered in writing to resume such performance by the Project Manager/ EESL.

If, by virtue of a suspension order given by the Project Manager/EESL other than by reason of the Implementing Partner's default or breach of the Contract, the Implementing Partner's performance of any of its obligations is suspended for an aggregate period of more than ninety (90) days, then at any time thereafter and provided that at that time such performance is still suspended, the Implementing Partner may give a notice to the Project Manager requiring that the EESL shall, within twenty-eight (28) days of receipt of the notice, order the resumption of such performance or request and subsequently order a change in accordance with GCC Clause 39 (Change in the Facilities), excluding the performance of the suspended obligations from the Contract.

If the EESL fails to do so within such period, the Implementing Partner may, by a further notice to the Project Manager, elect to treat the suspension, where it affects a part only of the Facilities, as a deletion of such part in accordance with GCC Clause 39 (Change in the Facilities) or, where it affects the whole of the Facilities, as termination of the Contract under GCC Sub-Clause 42.1 (Termination for EESL's Convenience).

### 41.2 If

- a) the EESL has failed to pay the Implementing Partner any sum due under the Contract within the specified period, has failed to approve any invoice or supporting documents without just cause pursuant to Appendix 1 (Terms and Procedures of Payment) to the Contract Agreement, or commits a substantial breach of the Contract, the Implementing Partner may give a notice to the EESL that requires payment of such sum, requires approval of such invoice or supporting documents, or specifies the breach and requires the EESL to remedy the same, as the case may be. If the EESL fails to pay such sum, fails to approve such invoice or supporting documents or give its reasons for withholding such approval, or fails to remedy the breach or take steps to remedy the breach within fourteen (14) days after receipt of the Implementing Partner's notice or
- b) the Implementing Partner is unable to carry out any of its obligations under the Contract for any reason attributable to the EESL, including but not limited to the EESL's failure to provide possession of or access to the Site or other areas in accordance with GCC Sub-Clause 10.2, or failure to obtain any governmental permit necessary for the execution and/or completion of the Facilities; then the Implementing Partner may by fourteen (14) days' notice to the EESL suspend performance of all or any of its obligations under the Contract, or reduce the rate of progress.

41.3 If the Implementing Partner's performance of its obligations is suspended or the rate of progress is reduced pursuant to this GCC Clause 41, then the Time for Completion shall be extended in accordance with GCC Sub-Clause 40.1, and any and all additional costs or expenses incurred by the Implementing Partner as a result of such suspension or reduction shall be paid by the EESL to the Implementing Partner in addition to the Contract Price, except in the case of suspension order or reduction in the rate of progress by reason of the Implementing Partner's default or breach of the Contract.

41.4 During the period of suspension, the Implementing Partner shall not remove from the Site any Plant and Equipment, any part of the Facilities or any Implementing Partner's Equipment, without the prior written consent of the EESL.

## 42 Termination

### 42.1 Termination for EESL's Convenience

42.1.1 The EESL may at any time terminate the Contract for any reason by giving the Implementing Partner a notice of termination that refers to this GCC Sub-Clause 42.1.

42.1.2 Upon receipt of the notice of termination under GCC Sub-Clause 42.1.1, the Implementing Partner shall either



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immediately or upon the date specified in the notice of termination

- (a) cease all further work, except for such work as the EESL may specify in the notice of termination for the sole purpose of protecting that part of the Facilities already executed, or any work required to leave the Site in a clean and safe condition
- (b) terminate all subcontracts, except those to be assigned to the EESL pursuant to paragraph (d)(ii) below
- (c) remove all Implementing Partner's Equipment from the Site, repatriate the Implementing Partner's and its SubImplementing Partners' personnel from the Site, remove from the Site any wreckage, rubbish and debris of any kind, and leave the whole of the Site in a clean and safe condition.
- (d) In addition, the Implementing Partner, subject to the payment specified in GCC Sub-Clause 42.1.3, shall
  - (i) Deliver to the EESL the parts of the Facilities executed by the Implementing Partner up to the date of termination
  - (ii) to the extent legally possible, assign to the EESL all right, title and benefit of the Implementing Partner to the Facilities and to the Plant and Equipment as at the date of termination, and, as may be required by the EESL, in any subcontracts concluded between the Implementing Partner and its SubImplementing Partners
  - (iii) deliver to the EESL all non-proprietary drawings, specifications and other documents prepared by the Implementing Partner or its SubImplementing Partners as at the date of termination in connection with the Facilities.

42.1.3 In the event of termination of the Contract under GCC Sub-Clause 42.1.1, the EESL shall pay to the Implementing Partner the following amounts:

- (a) the Contract Price, properly attributable to the parts of the Facilities executed by the Implementing Partner as of the date of termination
- (b) the costs reasonably incurred by the Implementing Partner in the removal of the Implementing Partner's Equipment from the Site and in the repatriation of the Implementing Partner's and its SubImplementing Partners' personnel.
- (c) any amounts to be paid by the Implementing Partner to its SubImplementing Partners in connection with the termination of any subcontracts, including any cancellation charges.
- (d) costs incurred by the Implementing Partner in protecting the Facilities and leaving the Site in a clean and safe condition pursuant to paragraph (a) of GCC Sub-Clause 42.1.2
- (e) the cost of satisfying all other obligations, commitments and claims that the Implementing Partner may in good faith have undertaken with third parties in connection with the Contract and that are not covered by paragraphs (a) through (d) above.

## 42.2 Termination for Contractor or Implementing Partner's Default

42.2.1 The EESL, without prejudice to any other rights or remedies it may possess, may terminate the Contract forthwith in the following circumstances by giving a notice of termination and its reasons therefor to the Implementing Partner, referring to this GCC Sub-Clause 42.2:

- (a) if the Implementing Partner becomes bankrupt or insolvent, has a receiving order issued against it, compounds with its creditors, or, if the Implementing Partner is a corporation, a resolution is passed or order is made for its winding up (other than a voluntary liquidation for the purposes of amalgamation or reconstruction), a receiver is appointed over any part of its undertaking or assets, or if the Implementing Partner takes or suffers any other analogous action in consequence of debt.



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- (b) if the Implementing Partner assigns or transfers the Contract or any right or interest therein in violation of the provision of GCC Clause 43 (Assignment).
- (c) if the Implementing Partner, in the judgement of the EESL has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this Sub-Clause:

"corrupt practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution.

"fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the EESL and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the EESL of the benefits of free and open competition.

#### 42.2.2 If the Implementing Partner

- (a) has abandoned or repudiated the Contract
- (b) has without valid reason failed to commence work on the Facilities promptly or has suspended (other than pursuant to GCC Sub-Clause 41.2) the progress of Contract performance for more than twenty-eight (28) days after receiving a written instruction from the EESL to proceed
- (c) persistently fails to execute the Contract in accordance with the Contract or persistently neglects to carry out its obligations under the Contract without just cause
- (d) refuses or is unable to provide sufficient materials, services or labor to execute and complete the Facilities in the manner specified in the program furnished under GCC Clause 18 (Program of Performance) at rates of progress that give reasonable assurance to the EESL that the Implementing Partner can attain Completion of the Facilities by the Time for Completion as extended

then the EESL may, without prejudice to any other rights it may possess under the Contract, give a notice to the Implementing Partner stating the nature of the default and requiring the Implementing Partner to remedy the same. If the Implementing Partner fails to remedy or to take steps to remedy the same within fourteen (14) days of its receipt of such notice, then the EESL may terminate the Contract forthwith by giving a notice of termination to the Implementing Partner that refers to this GCC Sub-Clause 42.2.

42.2.3 Upon receipt of the notice of termination under GCC Sub-Clauses 42.2.1 or 42.2.2, the Implementing Partner shall, either immediately or upon such date as is specified in the notice of termination,

cease all further work, except for such work as the EESL may specify in the notice of termination for the sole purpose of protecting that part of the Facilities already executed, or any work required to leave the Site in a clean and safe condition

- (a) terminate all subcontracts, except those to be assigned to the EESL pursuant to paragraph (d) below
- (b) deliver to the EESL the parts of the Facilities executed by the Implementing Partner up to the date of termination.
- (c) to the extent legally possible, assign to the EESL all right, title and benefit of the Implementing Partner to the Works, and to the Plant and Equipment as at the date of termination, and, as may be required by the EESL, in any subcontracts concluded between the Implementing Partner and its SubImplementing Partners.
- (d) deliver to the EESL all drawings, specifications and other documents prepared by the Implementing Partner or its SubImplementing Partners as at the date of termination in connection with the Facilities.

42.2.4 The EESL may enter upon the Site, expel the Implementing Partner, and complete the Facilities itself or by employing any third party. The EESL may, to the exclusion of any right of the Implementing Partner over the same, take over and use with the payment of a fair rental rate to the Implementing Partner, with all the maintenance costs



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to the account of the EESL and with an indemnification by the EESL for all liability including damage or injury to persons arising out of the EESL's use of such equipment, any Implementing Partner's Equipment owned by the Implementing Partner and on the Site in connection with the Facilities for such reasonable period as the EESL considers expedient for the supply and installation of the Facilities.

Upon completion of the Facilities or at such earlier date as the EESL thinks appropriate, the EESL shall give notice to the Implementing Partner that such Implementing Partner's Equipment will be returned to the Implementing Partner at or near the Site and shall return such Implementing Partner's Equipment to the Implementing Partner in accordance with such notice. The Implementing Partner shall thereafter without delay and at its cost remove or arrange removal of the same from the Site.

42.2.5 Subject to GCC Sub-Clause 42.2.6, the Implementing Partner shall be entitled to be paid the Contract Price attributable to the Facilities executed as at the date of termination, the value of any unused or partially used Plant and Equipment on the Site, and the costs, if any, incurred in protecting the Facilities and in leaving the Site in a clean and safe condition pursuant to paragraph (a) of GCC Sub-Clause 42.2.3. Any sums due to the EESL from the Implementing Partner accruing prior to the date of termination shall be deducted from the amount to be paid to the Implementing Partner under this Contract.

42.2.6 If the EESL completes the Facilities, the cost of completing the Facilities by the EESL shall be determined.

If the sum that the Implementing Partner is entitled to be paid, pursuant to GCC Sub-Clause 42.2.5, plus the reasonable costs incurred by the EESL in completing the Facilities, exceeds the Contract Price, the Implementing Partner shall be liable for such excess.

If such excess is greater than the sums due to the Implementing Partner under GCC Sub-Clause 42.2.5, the Implementing Partner shall pay the balance to the EESL, and if such excess is less than the sums due to the Implementing Partner under GCC Sub-Clause 42.2.5, the EESL shall pay the balance to the Implementing Partner.

The EESL and the Implementing Partner shall agree, in writing, on the computation described above and the manner in which any sums shall be paid.

#### **42.3 Termination by Contractor or Implementing Partner**

##### **42.3.1 If**

(a) the EESL has failed to pay the Implementing Partner any sum due under the Contract within the specified period, has failed to approve any invoice or supporting documents without just cause pursuant to Appendix 1 (Terms and Procedures of Payment) of the Contract Agreement, or commits a substantial breach of the Contract, the Implementing Partner may give a notice to the EESL that requires payment of such sum, requires approval of such invoice or supporting documents, or specifies the breach and requires the EESL to remedy the same, as the case may be. If the EESL fails to pay such sum, fails to approve such invoice or supporting documents or give its reasons for withholding such approval, fails to remedy the breach or take steps to remedy the breach within fourteen (14) days after receipt of the Implementing Partner's notice, or

(b) the Implementing Partner is unable to carry out any of its obligations under the Contract for any reason attributable to the EESL, including but not limited to the EESL's failure to provide possession of or access to the Site or other areas or failure to obtain any governmental permit necessary for the execution and/or completion of the Facilities which the EESL is required to obtain as per provision of the Contract or as per relevant applicable laws of the country, then the Implementing Partner may give a notice to the EESL thereof, and if the EESL has failed to pay the outstanding sum, to approve the invoice or supporting documents, to give its reasons for withholding such approval, or to remedy the breach within twenty-eight (28) days of such notice, or if the Implementing Partner is still unable to carry out any of its obligations under the Contract for any reason attributable to the EESL within twenty-eight (28) days of the said notice, the Implementing Partner may by a further notice to the EESL referring to this GCC Sub-Clause 42.3.1, forthwith terminate the Contract.

42.3.2 The Implementing Partner may terminate the Contract forthwith by giving a notice to the EESL to that effect, referring to this GCC Sub-Clause 42.3.2, if the EESL becomes bankrupt or insolvent, has a receiving order issued against it, compounds with its creditors, or, being a corporation, if a resolution is passed or order is made for its



Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016

winding up (other than a voluntary liquidation for the purposes of amalgamation or reconstruction), a receiver is appointed over any part of its undertaking or assets, or if the EESL takes or suffers any other analogous action in consequence of debt.

42.3.3 If the Contract is terminated under GCC Sub-Clauses 42.3.1 or 42.3.2, then the Implementing Partner shall immediately

(a) cease all further work, except for such work as may be necessary for the purpose of protecting that part of the Facilities already executed, or any work required to leave the Site in a clean and safe condition

(b) terminate all subcontracts, except those to be assigned to the EESL pursuant to paragraph (d)(ii)

(c) remove all Implementing Partner's Equipment from the Site and repatriate the Implementing Partner's and its SubImplementing Partner's personnel from the Site

(d) In addition, the Implementing Partner, subject to the payment specified in GCC Sub-Clause 42.3.4, shall

(i) deliver to the EESL the parts of the Facilities executed by the Implementing Partner up to the date of termination

(ii) to the extent legally possible, assign to the EESL all right, title and benefit of the Implementing Partner to the Facilities and to the Plant and Equipment as of the date of termination, and, as may be required by the EESL, in any subcontracts concluded between the Implementing Partner and its SubImplementing Partners

(iii) deliver to the EESL all drawings, specifications and other documents prepared by the Implementing Partner or its SubImplementing Partners as of the date of termination in connection with the Facilities.

42.3.4 If the Contract is terminated under GCC Sub-Clauses 42.3.1 or 42.3.2, the EESL shall pay to the Implementing Partner all payments specified in GCC Sub-Clause 42.1.3, and reasonable compensation for all loss or damage sustained by the Implementing Partner arising out of, in connection with or in consequence of such termination.

42.3.5 Termination by the Implementing Partner pursuant to this GCC Sub-Clause 42.3 is without prejudice to any other rights or remedies of the Implementing Partner that may be exercised in lieu of or in addition to rights conferred by GCC Sub-Clause 42.3.

42.4 In this GCC Clause 42, the expression "Facilities executed" shall include all work executed, Installation Services provided, any or all Plant and Equipment acquired (or subject to a legally binding obligation to purchase by the Implementing Partner and used or intended to be used for the purpose of the Facilities, up to and including the date of termination.

42.5 In this GCC Clause 42, in calculating any monies due from the EESL to the Implementing Partner, account shall be taken of any sum previously paid by the EESL to the Implementing Partner under the Contract, including any advance payment paid pursuant to Appendix 1 (Terms and Procedures of Payment) to the Contract Agreement.

#### 43. Assignment

43.1 The Implementing Partner shall not, without the express prior written consent of the EESL, assign to any third party the Contract or any part thereof, or any right, benefit, obligation or interest therein or thereunder, except that the Implementing Partner shall be entitled to assign either absolutely or by way of charge any monies due and payable to it or that may become due and payable to it under the Contract.

#### 44. Bankruptcy

If the Contractor shall become bankrupt or have a receiving order made against him or compound with his creditors, or being a corporation commence to be wound up, not being a voluntary winding up for the purpose only of amalgamation / reconstruction, or carry on its business under a receiver for the benefit of its creditors or any of them, the Owner will be at liberty to

to terminate the contract forthwith by notice in writing to the liquidator or receiver or to any person in whom the





contract may become vested & to act in the manner provided in GCC clause 42 entitled "Termination" as though the last mentioned notice has been the notice referred to in such clause and the equipment and materials have been taken out of the contractor's hands.

to give such liquidator, receiver or other person, the option of carrying out the contract subject to his providing a guarantee, for the due and faithful performance of the contract up to an amount to be determined by the Owner.

#### **45. Contractor Performance & Feedback and Evaluation System**

The Employer has in place an established 'Contractor Performance & Feedback System' against which the contractors performance during the execution of contract shall be evaluated on a continuous basis at regular intervals. In case the performance of the contractor is found unsatisfactory on any of the following four parameters, the contractor shall be considered ineligible for participating in future tenders for a period as may be decided by the Employer.

Financial Status

Project Execution & Project Management Capability

Engineering & QA Capability

Claims & Disputes.

#### **46. Fraud Prevention Policy**

The contractor along with their associate/collaborator/sub-contractors/sub-vendors/ consultants/service providers shall strictly adhere to the Fraud Prevention Policy of EESL displayed on its tender website [www.eeslindia.org](http://www.eeslindia.org)

The Contractor alongwith their associate/collaborator/sub-contractors/sub-vendors/ consultants/service providers shall observe the highest standard of ethics and shall not indulge or allow anybody else working in their organisation to indulge in fraudulent activities during execution of the contract. The contractor shall immediately apprise the Employer about any fraud or suspected fraud as soon as it comes to their notice.



Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016

## Section-4

### Scope of Work/Supplies, Terms & Conditions, Technical Specifications & Special Conditions of Contract

**NOTE: THE TERMS & CONDITIONS STIPULATED IN SECTION-4 WILL SUPERSEDE ANY CONTRADICTION/SIMILAR/OVERLAPPING TERMS & CONDITIONS IN ANY OTHER SECTION/PART OF THE TENDER**

### PART-A: General Information

**Name of Work: “Design, Manufacture, Supply, Testing, Installation of LED Street Light and IDC Material (including Transportation, loading & Unloading) suitable to develop dedicated Street Lights phase wire infrastructure in ULBs of Odisha State under SLNP along with 4-year on-site warranty & maintenance of the Developed Infrastructure.”**

**Bid Document No.: - EESL/Lighting/IDC Material/Odisha/2021-22/SLNP/212201075, Date-13/01/2022**

#### **BIDS ARE TO BE SUBMITTED AS FOLLOWS: -**

*(Please note that, EESL has switched the tender system into E-tendering. Bidders will submit their bid accordingly as per the terms and conditions of E-tendering mode.)*

**Envelope 1, 2 and 3 will appear online in dynamic form. No Manual/Hard Copy of documents need to be submitted for these envelopes apart from below mentioned documents & Samples.**

**Envelope 1 (Pre-Qualifying documents) should contain following:**

1. Bid document fee in the form of Banker's Cheque/ Demand Draft drawn in favour of “Energy Efficiency Services Limited” payable at New Delhi. **(To be submitted in hard copy/ manually in the tender-box on and before Technical E-Bid Opening Date & Time. Scanned Copy to be uploaded at E-tendering portal).**

Bid Fee may also be submitted online through RTGS. The detail of RTGS is as mentioned below:

Account Name	Account No.	Bank Name	Branch Name	RTGS DETAIL
ENERGY EFFICIENCY SERVICES LIMITED	2164002100012319	Punjab National Bank	New Delhi	IFSCCODE: PUNB0216400 MICR Code: 110751001 BRANCH : DELHI NEW, L.C.B. ADDRESS: TOLSTOY HOUSE, TOLSTOY MARG, NEW DELHI, DELHI-110001

**Note: Bidders submitting Bid Fee through RTGS shall upload the scan copy of receipt of transfer of amount in Envelope-I. Participating of bidder shall be subject to confirmation of amount transferred through RTGS. The details mentioned in document uploaded as proof of transfer of amount shall only be considered for verification purpose. For Submission of Bid document fee through NEFT/RTGS mode, clause no - 1.0 of Section-1 may also be referred.**

Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6c9a90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITED

**Bid Document No.: EESL/Lighting/IDC Material/Odisha/2021-22/SLNP/212201075, Date-13/01/2022**

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2. **Bid Security Fee/Earnest Money Deposit as Attachment-2 by Banker's Cheque / Demand Draft drawn in favour of "Energy Efficiency Services Limited" or in the form of Bank Guarantee as per prescribed format in section 6. (To be submitted in hard copy/ manually in the tender-box on and before Technical E-Bid Opening Date & Time. Scanned Copy to be uploaded at E-tendering portal.**
3. **MSE bidders are exempted from submission of Bid document fees & Bid Security as indicated in Clause No 2.4 of Section-2. If the bidder is claiming MSE exemption, then bidder has to submit copy of valid MSE certificate for the Tendered item (NIC Codes-as given in the table depicted below)/ valid NSIC Certificate with the mention of Tendered item in the certificate. Such certificates claiming exemptions shall be uploaded in envelop-1 and the same will be considered for evaluation.**

Description	NIC 5 Digit Code
Repair of electrical equipment	33140
Installation of electrical wiring and fittings	43211
Installation of street lighting and electrical signals	43213
Other electrical Installation. e.t.c.	43219

Bidder(s) claiming exemption under MSE Category shall submit valid MSE certificate along with the Bid, as stated above. Non submission of MSE certificate along with the bid shall lead to rejection of Bid. In that event, envelop-1 of such bidder will not be opened.

**Note:**

- a. If NIC code(s) as mentioned above are not found in the submitted Udyog Aadhar Memorandum/Udyam Registration, then in such a case the benefits applicable to MSEs shall NOT be given to the bidder. For claiming MSE exemption, at least one of the NIC codes mentioned in the above table shall get reflected in the submitted Udyog Adhar/UDYAM Registration. Moreover, bidders submitting NSIC certificate shall ensure that the tendered item/any of the description of works as defined in above table is mentioned in their NSIC certificate.
- b. In case bidder has submitted MSME declaration (along with MSME Certificate containing applicable NIC code as indicated in the Tender Document) as well as Bid Security then MSME certificate will be considered for Evaluation of Envelope-1 & benefit of MSME will be provided to bidder for exemption of Bid document fees & Bid Security as per Clause No 2.4 of Section-2 of the RFP. In case of submission of MSE certificate in hard copy (in tender box) as well as soft copy (on portal) and EMD in hard copy (in tender box) as well as soft copy (on portal) in any combination, then the MSE certificate will be considered for evaluation of envelop-1.
- c. If bidder submits Tender Fees/Bid fees along with EMD or tender fees without EMD and also MSE certificate along with the offer, then the bidder will be treated as general bidder and no relaxation will be given to such bidders pertaining to MSE's.

Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE

For ID: 212201075

**Envelope-II, i.e., Techno-Commercial Proposal of the Bid Should Contain (scanned copies of) the following:**

- i. Letter of the bidder submitting the bid in the form as stipulated in the bid document i.e., as per Bid Form as ***Attachment-1*** of section - 6, Forms & Procedures. **(Scanned Copy to be uploaded at E-tendering portal)** Duly filled and Signed by authorized signatory.
- ii. Notarized Power of attorney to sign the bid as ***Attachment-3*** of section 6, Forms & Procedure. Bidders to use their own format. **(Scanned Copy to be uploaded at E-tendering portal)**.
- iii. Certificate regarding acceptance of important terms and conditions as per ITB clause 4.6 as ***Attachment-4***. Format enclosed in section 6. **(Scanned Copy to be uploaded at E-tendering portal)** Duly filled and Signed by authorized signatory.
- iv. Form of acceptance of EESL fraud prevention policy and declaration as per ***Attachment-7*** of section 6, Forms & Procedure. **(Scanned Copy to be uploaded at E-tendering portal)** Duly filled and Signed by authorized signatory.
- v. NEFT/RTGS Bank details as per ***Attachment-10*** of section-6, forms and procedure. **(Scanned Copy to be uploaded at E-tendering portal)** Duly filled and Signed by authorized signatory.
- vi. Self-Declaration for not been blacklisted by Central/State/UT Government or any Public sector entities duly signed and stamped at company's Letter Head. **(Scanned Copy to be uploaded at E-tendering portal. (should be in verbatim as stated herewith))**
- vii. Certificate regarding Declaration of local content (as per format in ***Attachment -11***). **Scanned copy to be uploaded at e-tendering portal.**
- viii. Self-Declaration duly signed on Company Letter Head Pad with company's seal for not being under debar list/undergoing debarment period on account of breach of the code of integrity under rule 175(1)(i)(h) of general financial rules **(Scanned Copy to be uploaded at E-tendering portal)**. Bidder shall clearly mention tender reference no. and date of signing the self-declaration.
- ix. Compliance of Matrix/checklist for bidder as per (as per format in ***Attachment -12***). duly filled and signed on Company letter head pad with company's seal. **(Scanned Copy to be uploaded at E-tendering portal)**.
- x. Compliance of Matrix/checklist for technical and Financial QR as per (as per format in ***Attachment -13***). duly filled and signed on Company letter head pad with company's seal. **(Scanned Copy to be uploaded at E-tendering portal)**.
- xi. Self-Declaration regarding "Restrictions on procurement from a Bidder of a country which shares a land border with India" (as per format in ***Attachment -14***). **(Scanned Copy to be uploaded while submitting application online on E-tendering portal)**
- xii. Deviation statement as per ***Attachment-5*** of section - 6, Forms & Procedure  
***NOTE: EESL reserves the right to consider or disregard deviations, and reject bids in case of non-compliance. Bids containing material deviations from or reservation to the terms and conditions and specifications mentioned in the Tender will be treated as non-responsive and will not be considered further.***
- xiii. One complete set of Rfp documents and subsequent amendments (if any), duly signed and stamped on each page.
- xiv. Documents asked for submission in Qualifying requirement and any anywhere else in the Tender document.

**Note: Bidder to note that no document revealing the prices shall be submitted in envelop-II along with the techno-commercial bid. Revealing of prices at this juncture in any mode shall lead to outright rejection of bid. Prices are to be filled in electronically in envelop-III as per the provision(s) made available by EESL in the prescribed format uploaded on e-procurement portal.**

Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, O=D.2.5, 4.17=110003, O=D.2.5  
4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITED

Doc ID: 202201075

**Envelope-III should contain Price Bid (to be filled-up online)**

Since the bids are to be submitted through E-tendering mode, the prices are to be filled on e-tender portal only and bidders are requested **not to submit the price bid in hard copy at EESL along with the documents. The same will not be entertained.**

- i. Price Bid Sheet Format is prescribed at **ANNEXURE-I** in the Tender document – only for illustration purpose (*prices are to be filled on E-tender portal only*).

**Opening & Further Processing of the Bids**

Initially, Envelope-1 containing documents as stated above will be opened electronically.

Envelope-2 will be opened electronically preferably on the same day of only those bidders who have submitted requisite documents in Envelope-1 and sample(s).


In Envelope-3, Price Bid shall be opened subject to acceptance of Techno-Commercial Bid under Envelope-2. Opening date will be intimated to all those bidders, who are found technically & commercially acceptable to EESL.

Price-Bid of the technically disqualified bidders will not be opened.

**Note: -Unorganized/Un-labelled Bids are liable to be rejected. Bidder to enclose an index of pages with proper nomenclature for each document enclosed and inserted page no. on the documents to be submitted online at E-tendering portal**

*For and on Behalf of EESL*  
Engineer (SCM)

Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN

 Bid Document No. EESL/Lighting/IDC Material/Odisha/2021-22/SLNP/212201075, Date-13/01/2022

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## **DISCLAIMER**

1. This Request for Proposal (RFP) is being issued to the respondents who fulfil the eligibility criteria prescribed elsewhere in this RFP document. This RFP is not an offer by the EESL, but an invitation to respond to this RFP document. No contractual obligation on behalf of the EESL, whatsoever, shall arise from the RFP process unless and until a definitive agreement is signed and executed by duly authorized officer of the EESL with the selected Respondent(s). It may be noted that issuance of RFP does not confer any right to be invited to participate further in the EESL's procurement process and the EESL shall have unfettered rights and discretion in its decision regarding further participation in the same. The respondents, by accepting this document, agree that any information contained herein may be superseded by any subsequent written information on the same subject made available to the recipient or any of their authorized officer(s) including those are provided by the EESL in its web-site. It is also understood and agreed by the Respondent/s that decision of the EESL regarding selection of the supplier(s) shall be final and binding on all concerned. No communication in this regard, verbal or written, will be entertained.
2. The EESL reserves the right to amend, modify, vary, add, delete, accept or cancel, in part or full, any condition or specification of the proposals / orders / responses, without assigning any reason therefor at any stage during the process. Each Respondent shall be entirely responsible for its own costs and expenses that are incurred while participating in the RFP, presentations and contract negotiation processes. The EESL reserves the right to cancel the entire process at any stage at its sole discretion without assigning any reason therefor.
3. Further, the EESL may, at its sole discretion, procure supplies of product specified in tender from one or more than one respondents. The procedure in this regard has been detailed elsewhere in RFP document. The decision taken by the EESL in this regard will be final and binding upon all respondents.





**PART-B: Scope of Work/Supplies and Qualifying Requirements**

**1. INTRODUCTION TO ENERGY EFFICIENCY SERVICES LIMITED**

Energy Efficiency Services Limited (EESL) is a Joint Venture of NTPC Limited, Power Grid Corporation of India Limited (PGCIL), Power Finance Corporation Limited (PFC) and Rural Electrification Corporation Limited (REC), established to facilitate implementation of energy-efficiency projects. EESL will work as ESCO; as Consultancy Organization for CDM, Energy-efficiency, etc.; as a Resource Centre for capacity building of SDAs, Utilities, financial institutions, etc. EESL will also lead the market-related actions of the NMEEE. It is the first such company exclusively for implementation of energy-efficiency in South Asia and amongst a very few such instances in the world.

**Objectives:**

- To facilitate preparation of energy efficiency projects for Demand Side Measures including municipal functions, agriculture, public building, lighting etc.
- To implement schemes, program and policies of central and state governments or its agencies.
- Partner with private ESCO's and other companies to promote energy efficiency.
- To provide consultancy services in the field of energy efficiency, CDM projects, and other related areas.
- To identify and impart training to build the capacity of stakeholders.

**2. SCOPE OF WORK & SPECIAL TERMS AND CONDITIONS: -**

The brief scope of work essentially consists of Supply, Installation & Maintenance (warranty):

The bidder shall “Design, Manufacture, Supply, Testing, Installation along with 04-year on-site warranty & maintenance including Transportation and loading of IDC Material suitable to develop dedicated streetlights phase wire infrastructure in ULBs of Odisha state under SLNP” and other related works & documentation as per Tender Term & Condition.

**2.1 Supply Phase:**

- a. The Cable may be supplied is in blue colour with the spiral lining & in addition to this EESL name should be embossed on cable supplied with ISI mark.
- b. **Technical specification of the Phase wire/AB Cable: Supply of ISI marked AB Cable (2 core 25 sqmm aluminium cable + 25sqmm aluminium messenger wire) with 07 no. of strands Supply of ISI marked of make Havells/ Finolex/ Ecko/ Lapp/ Cirtina/ Polycab conforming following IS IS:398/1994 & IS:398(Part-4)/1994 IS:8130/1984 & IS:10810/1984 IS:7098/1998 & IS:14255/1995. The work shall be executed to the entire satisfaction of Engineer-in-Charge.**

All other cable accessories items shall be of suitable size and approved ISI marked/or equivalent standard.



- c. The Ariel bunch conductors should be easily distinguishable till full length by either adapting insulationcover of blue colors marking on full length.
- d. The Bidder has to complete the supply work within 01 months after issuing of LoA.
- e. The bidders are presumed to have acquainted themselves with the scope of work of this specification by doing a walk over survey of the area/sub-station/feeder before submitting their bid. After award of contract, a detailed survey shall however, required to be done by the contractor along with ULB/NAC/Municipality s authorized Engineer to assess actual quantum of work. The contractor shall have to execute the works in accordance with the quantities so assessed and approved by the Nigam.
- f. The bidder has to design the **IDC Material** in such a way that, they should be technically & physicallysuitable to fit into LED fixtures and **ULBs of Odisha Standard Pole**.
- g. The mounting arrangement of the **IDC Material** should be suitable to LED fixtures and **MNN StandardPole**.
- h. The bidder has to supply the quantities as per the Clause no: 22.1 from the date of receipt from issuanceof work order/PO.
- i. Bidder has to submit the declaration for the supply of BOQ materials as clause 22.1.
- j. The Bidder shall be required to submit all the Quality Assurance Documents as stipulated in the QualityPlan at the time of Owner's inspection of equipment / material.
- k. The quality of IDC Material should be able to with stand effect of weather elements of ULBs of Odisha and remain functional for complete period of SLNP project in the state of Odisha.
- l. The EESL or his duly authorized representatives reserves the right to carry out Quality Audit and Quality surveillance of the systems and procedures of the Bidder's / his vendor's Quality Managementand Control Activities.
- m. The defective **IDC Material** found during supply period shall be repaired/ replaced by bidder within 10 days from the date of intimation of EIC without any additional cost.
- n. Receiving & transfer of material to installation site, a proper accounting of all materials is to be maintained by vendor & same should be duly verified from EESL EIC.
- o. Bidder has to acquire a Warehouse/ Godown with internet facility for adequate storage to accommodatecomplete material as per BOQ and shall also have sufficient space for office purpose to conduct a meeting with atleast 05 to 06 peoples (along with the maintenance teams to carry out the R&M activitytill the completion of warranty/maintenance period post completion of the installation phase).
- p. All the supplies should be up to the project site/ go-down. No separate cost will be provided for inland transportation, loading/unloading, transfer to site, other costs incidental to delivery and including duties& cess.
- q. The acceptance of IDC Materials is purely based on the confirmation from client end.
- r. No separate cost will be provided, if the client rejected the supplied materials due to any reason. It wouldbe the responsibility of vendor to pick-up the material at his own cost.
- s. Bidder shall ensure proper report of the supplied/ repaired/ replaced **IDC Material** on monthly



basissuch as Serial No., Batch No., Mfg. and Date.

- t. Bidder has to provide the supply schedule to Engineer in Charge of EESL within a day of release of PO/after issuance of LoA.
- u. The quality of infrastructure materials provided any sub-standard material/quality of work shall bereworked by the concerned vendor (ISI standard or equivalent) at no extra cost to EESL.
- v. Fake item supplied shall lead to blacklisting.
- w. If at any time during the performance of the Agreement, the bidder encounters condition impending timely delivery of the goods and performance of service, the bidder shall promptly notify to the EESL in writing the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the bidder's notice, the EESL shall evaluate the situation and may at its discretion extend the periodfor performance of the contract (by not more than 15 days {cure period}).
- x. Any change in make/brand of the items being used shall be informed to EIC (EESL) and concurrence to be taken.
- y. Quantity variation of +/- 20% for each of the line items shall be taken in to consideration (subject to the approval of EIC).

**Note:**

**Documents to be submitted along with Technical BID or latest before issuance of LoA:**

1. The Bidder has to submit Guaranteed Technical Particular Format of all BOQ material.
2. The bidder must compulsorily submit an original NABL third Party Laboratory or any Govt. Laboratory Test Report confirming compliance of their Reliability Test Plan for all tests along with relevant original third party NABL test reports or test reports from International Lab of equivalent accreditation specified in Annex either along with the technical bid or at the time of the issuance of LoA in original hard copy for AB Cable only. Non-submission of the same at the time of the issuanceof LoA may lead to rejection of bid.
3. Necessary Guarantee & Warranty certificate/Self-declaration on letter Head for Necessary Guarantee & Warranty must also to be submitted.
4. The duly attested copy of Type Test Certificate of the offered sizes of AB cable only, as per IS: 14255/1995 with latest amendment/revision from any Govt. laboratory or from a NABL accredited laboratory along with the offer. Type Test Certificate shall not be more than Five Years Old from Dateof supply.
5. The Bidder are required to submit duly attested photo copy of the valid ISI License of the manufacturerconforming to IS 14255:1995 for supply of AB cable only and they should also submit GTP for all BOQ material failing which, the offer would be ignored.
6. EESL is at liberty to verify genuineness of Test Reports/ Certificates and other documents submitted w.r.t above.
7. Subsequent to award of contract to successful bidder, if it is found that performance declared by bidderin the test reports is not matched by the test results of samples drawn by EESL at the time of supply and tested by NABL accredited labs/Govt. laboratory/International Lab of equivalent



accreditation to meet Rfp specifications of AB cable, then in such an event, EESL reserves the right to terminate the contract and may impose strict action against bidder.

8. For all ABC accessories, preference shall be given to ISO certified manufacturer and based on GTP submitted it shall be tested by EESL at Bidder/Manufacture lab/EESL facility and mentioned material will be liable to reject if found not as per GTP submitted then, EESL reserves the right to terminate the contract and may impose strict action against bidder.

## 2.2 Installation Phase:

- a. Bidder has to depute manpower (of minimum 06 installation teams i.e. 01 team consists of 04 manpower) in such a way that minimum 06 km wire must be lay per day.
- b. Bidder must complete the Installation/erection of Phase wire work with its related IDC accessories within 75 days after the issuance of LoA (30- Delivery/supply + 45 Days Installation/erection of phase wire with all its related accessories).
- c. Proper sag should be maintained using sag chart table. While tensioning, care should be taken to avoid tension. Therefore, proper alignment of line to be ensured and there must not be uneven sag between conductor/spans.
- d. Bidder shall submit the daily progress report along with line diagram on daily basis to EIC through the soft copy.
- e. Bidder shall submit the Daily Infrastructure Development Report to ULB and get it sealed & signed from the authorized officer from ULB and site in-charge of EESL (on daily basis) and same shall be submitted to EESL. The Daily Infrastructure report shall capture all the components installed (line item wise) on daily basis.
- f. If at any point of time any Infrastructure Development Daily Verification Report, submitted by the bidder, is found fake or any deviation is noticed as per the direction of EIC, as compared to the tender conditions during any inspection carried by the officers of EESL/ULBS, then a penalty equivalent to double the value of the item of the report found fake should be imposed on the bidder. If the mistake is repeated then it may lead to black listing of the firm and forfeiting of CPG.
- d. All the components required for successful completion of the project should be loaded in the project cost, if any line item missed under the price table after the confirmation from EIC.
- e. Coordinate with EESL Engineer/ ULB representative nominated by EESL for successful implementation of the project.
- f. All Civil works and related masonry works during development of new infrastructure work of underground cables, poles, muffs/collars, earthing, feeder pillars/pedestals etc. shall be restored to the original shape with no additional cost.
- g. Ensure completion of project in all respects within the specified time period in accordance with the PO issued to the Bidder & shall also be responsible for issuing of post completion certificate from ULB within 07 days.
- h. Bidder shall only install new accessories of IDC components as per the quoted rates, if necessary as and when required, after the confirmation received from EESL official in written and no new installation other than BOQ has to be done without any confirmation from EESL representative.
- i. Bidder has to transfer/shift/reconnect the LED SL from domestic lines or bed switch to street light phase wire to make it operationalize and no additional cost shall be paid for this activity.



- j. Bidder has to form the LED SL's circuit with proper load balancing for the operation of LED SL's which help to install CCMS panels.
- k. While installing/erecting the phase wire and its related accessories proper safety precaution is to ensure and proper shut down is to be taken before making any connection with already charged lines.
- l. Installation/erection is to be done in area given by ULB/EESL official OR on route identified by the bidder during the survey conducted on pre-approval from ULB.

Any additional work related to phase wire work and which does not cover in this document, may be

## 2.2 (a) Supply of Steel Tubular 8 mtr pole

- i. Tubular Steel poles shall be swaged type with capping on top of pole for stopping rain water seep into the pole.
- ii. Swaged poles shall be made of seamless or welded tubes of suitable lengths swaged and jointed together. No circumferential joints shall be permitted in the individual tube lengths of the poles. If welded tubes are used they shall have one longitudinal weld seam only: and the longitudinal welds shall be staggered at each swaged joint.
- iii. Swaging may be done by any mechanical process. The upper edge of each joint shall be chamfered if at an angle of about 45°. The upper edge need not be chamfered if a circumferential weld is to be deposited in accordance with clause No. 5.3.2 of IS: 2713 (Part-I):1980.
- iv. The length of joints on swaged poles shall be in accordance with clause No. 5.4 of IS: 2713 (Part-I): 1980.
- v. Poles shall be well-finished, clean and free from harmful surface defects. Ends of the poles shall be cut square. Poles shall be straight, smooth and cylindrical. The weld joints, if any, shall be of good quality, free from scale, surface defects, cracks, etc.
- vi. Tolerances for outside diameter, thickness, length, weight and straightness shall be in accordance with IS: 2713 (Part-I): 1980.
- vii. The poles shall be coated with black bituminous paint conforming to IS: 158-1968 throughout, internally and externally, up to the level which goes inside the earth. The remaining portion of the exterior shall be painted with one coat of red oxide primer as specified in IS: 2074-1979. Poles shall be aluminium painted over red oxide as per Indian Standard.
- viii. Weight of the pole shall be as per Indian Standard.
- ix. For earthing arrangement, a through hole of 14mm diameter shall be provided in each pole at a height of 300mm above the planting depth.

## 2.3 (b). Erection of steel tubular 8 mtr pole

410 SP-27 conforming to IS-2713-1980, (Part-I & II) having overall length of 8 Meter and welded in 3 steps. With the following specifications: -

- i. The pole shall have cross-sectional length of 5.00, 2.00, 2.00Mtr
- ii. The outside dia and thickness shall be 114.3x5.40mm, 88.9x4.85mm and 76.1x3.25mm.
- iii. The pole shall be erected 1.50mtr Below the ground level in 8" internal readymade RCC muff.
- iv. The gap between the pole and the muff shall be filled with the cement concrete 1:2:4. The cost includes all labour and material including carriage to the site of work.



- v. The bottom portion of the pole shall be painted with two coats of black paint after removing the dust/rust.

### 2.3 (c) Technical Specification: 8 Meter Tubular Poles.

Sr. No	Description
1	8 Mtr Tubular Pole Bottom of Pole: 5000mmX165.1mmX4.5mm (Height X Dia X Thickness) Middle of Pole: 2000mmX139.7mmX4.5mm (Height X Dia X Thickness) Top of Pole: 2000mmX114.3mmX3.65mm  (Height X Dia X Thickness) 410 SP-31. Hot Dip Galvanizing : 82 Micron
2	Single Arm : Pipe OD 42mm, Pipe Thickness 2.6mm, Length 1.5 Mtr
3	Double Arm : Pipe OD 42mm, Pipe Thickness 2.6mm, Length 1.5 Mtr.
4	Single Arm 90 Degree: Pipe OD 42mm, Pipe Thickness 2.6mm, Length 4. 2 Mtr.
5	Bracket: Length 460mm, Thickness 5mm, Width 40mm, 5. (with Nut Bolt & Washer)

### 2.3 (d) Pole Numbering

Pole numbering (Painting of poles above ground level with two coats of Al paint of Nerolec/Asian/ICI duly approved by the Engineer-in-charge. The pole surface should be cleaned well by removing dust/rust & other depositions & smoothened with the sand paper/Iron brush & proper filling be made before painting. For numbering of poles, the base should be painted with yellow and the number should be written in black letters of 3" in length) is to be done by the bidder in every year or it is to be well maintained throughout the contract period awarded to successful bidder (in future) subject to confirmation/approval of EESL & ULB.

### 2.4 Operation & Maintenance along with Warranty Period:

- Bidder has to depute sufficient manpower along with the along with appropriate machinery (as per details defined in Manpower Deployment table-1 below) for resolution of complaints in time bound manner i.e. 24 hours.
- Maintenance & Warranty Period starts from the issuance of completion letter from ULB. But during the implementing phase any problem arises due to this work, same has to be resolved by the bidder without any excuse.





- iii. **The Bidder has to provide comprehensive 04-year onsite warranty work which includes all the infrastructure component installed by the bidder. Warranty should also include replacement of faulty material/items of all underground & overhead cables and other electrical/mechanical/civil accessories required in the streetlight infrastructure (installed by the vendor) in the city for the period of 04 years after issuance of completion letter from ULB which will end after completion of 04 year. However, the warranty will also cover the initial period of 2 Months being considered as the implementation period of the project.**
- i. EESL/ respective EESL/ULB official(s).
  - ii. All spares for repair and maintenance of LED Street Lights will be provided by the EESL of these lights for seven (4) years, however, the details of the faulty lights are to be share by the agency on weekly basis. Also, vendor need to share current stock details with EESL on weekly basis i.e. on every Friday.
  - iii. All the machineries and instruments required for the Repair & Maintenance is to be arranged by bidder and their expense is also to be borne by them, EESL will only provide the coordination.
  - iv. Bidder shall ensure proper recording of the dismantled components includes lights and IDC accessories on daily basis handing over certification has to be taken from respective authorities of ULB & EESL to avoid any discrepancy at a later stage.
  - v. Bidder shall perform the following activities under maintenance service:
    - a. Attending LED Street Light/ Flood Light faults based on CCMS report, public call, EESL CHS portal and from any other source.
    - b. In case of power supply related issues coordinate with Concern DISCOM or Agency/ULB.
    - c. Attend complaints passed on by through customer complaint mechanism/ CCMS/ Municipal official(s)/EESL /PMC agency reports or any other source.
  - vi. Bidder has to install new fixtures and other accessories of IDC components if necessary, as and when required, as per the quoted rates. However, EESL will supply the new LED SL only.
  - vii. Receiving and recording complaints and rectifications done on a daily basis. Diagnosis as well as rectification of all issues which includes failure/flickering or any other issues pertaining to fixtures and accessories. All complaints to be rectified within 48 hours of receiving the complaint (minimum uptime of 95% to be ensured by contractor)
    - a. To replace the defective/non-functional LED Street Lights within 48 hours of the failure or reported failure. Starting of failure period for record will be based on the report from CCMS system. In the absence of CCMS, starting of failure period for record will be time of reporting by ULB/EESL/PMC authorized representative.

Penalty for non-fulfilment after 48 hours is reckoned as follows:

Penalty = 2 x [(wattage of defective LED Street Lights) x (operating hours) x (no. of days of default beyond 48 hours) X tariff]/1000

- b. In case of default by Successful Bidder on any of the above, including maintaining uptime of lights of 95%, a penalty equivalent to 2 times the monetized value of energy savings from the defective/non-functional lamps will be deducted from Bidder's payments. The penalty will be reckoned as follows.



Penalty = 2 x [(wattage of defective LED Street Lights) x (operating hours) x (no. of days of default beyond 48 hours) X tariff]/1000

- viii. Provision of Ladder mounted Vehicles: Successful bidder shall arrange to procure/own appropriate number of Ladder mounted Vehicles, as may be specified by Engineer In Charge based on the number of lights of different categories for each type ladder mounted vehicle, to carryout installation/maintenance of Light Fixtures, for contract period. Bidder shall be held responsible for any delay in work to meet min. respective Zone/ULB target (as per table mentioned in Table-2) installation per day due to non-availability of sufficient ladder mounted vehicles etc
- ix. Bidder has to depute sufficient manpower along with the along with appropriate machinery (as per details defined in Manpower Deployment table-1 below) for resolution of complaints in time bound manner i.e. 24 hours.
- x. Maintenance & Warranty Period starts from the issuance of completion letter from ULB. But during the implementing phase any problem rises due to this work, same has to be resolve by the bidder without any excuse.
- xi. The Bidder has to provide comprehensive onsite warranty work which includes all the infrastructure component installed by the bidder. Warranty should also include replacement of faulty material/items of all underground & overhead cables and other electrical/mechanical/civil accessories required in the streetlight infrastructure (installed by the vendor) in the city for the entire contract period after issuance of completion letter from ULBs.
- xii. The Bidder has to depute the man power as per table 1 of clause 3 to carry-out the maintenance work for a period of 04 years along with the warranty after the issuance of Completion letter from ULB.
- xiii. The bidder shall ensure satisfactory performance of material installed for entire contract Period of
- xiv. Bidders responsibility includes Repair and/or replace defective parts/components, cables, switching points or any other components installed by the bidder on-site after repairs/replacement within 24 Hour of complaint received as per the requirement to ensure proper operation/ functioning of the LED fixtures.
- xv. The scope of work also includes repairing/ replacement of part(s) to make the system functional, whenever a defect is noticed or reported at site.
- xvi. The breakdown shall be corrected within 48 hours from time of receipt of complaint.
- xvii. The Bidder has to maintain proper sagging as per standard.
- xviii. In case of power supply related issues like breakage of phase wire, leakage current on pole etc. coordinate with Concern DISCOM or Agency and same intimation is to be given in written to ULB/Discom with copy to EESL mandatorily to avoid any mis-happening on site.
- xix. Proper shutdown of lines/ transformers is to be taken prior to resolution of any complaints through proper channel i.e. shut down note from ULB.
- xx. Maintenance at locations mentioned above or where HT/LT lines are crossing etc. is to be perform in presence of ULB/EESL/AMC official.
- xxi. When the repairs/ replacement are not in the scope of the bidder, it has to be promptly reported to ULB officials keeping EESL in loop eg. for damage poles etc.



- xxii. All the machineries and instruments required for the Repair & Maintenance is to be arranged by bidder and their expense is also to be borne by them.
- xxiii. Bidder shall ensure proper recording of the components and IDC accessories on daily basis handing over certification has to be taken from respective authorities EESL to avoid any discrepancy at a later stage.
- xxiv. Daily maintenance report has to be submitted to ULB and EESL.
- xxv. Receiving and recording complaints and rectifications done on a daily basis. Diagnosis as well as rectification of all issues which includes failure/flickering or any other issues pertaining to fixtures and accessories. All complaints to be rectified within 24 hours of receiving the complaint (minimum uptime of 95% to be ensured by contractor) Furnishing to EESL all supporting documents required for claiming the payment, including any item added/ removed from actual contract or levy of any penalty.
- xxvi. All complaints related to the system must be attended within 48 hours of intimation. Complaints to be recorded in written form as a part of record book. Failure to do so will result in levy of penalty at the rate of Rs. 100 per hour of delay.
- xxvii. During the warranty & maintenance period, supplier shall ensure to repair/ replace the defective systems within 48 Hours of receipt of the complaint failing which EESL shall be impose penalty @ of Rs.2000/- per default per day.
- xxviii. And in future if any Penalty may impose by ULB, then same shall be imposed on the bidder for any reason.

Note:

- Complaints are to maintained in a proper format shared by EESL to the successful bidder.
- Till the time ULB does not issue the Completion Certificate, it will be the responsibility of bidder to repair and maintenance the material installed by them at no additional cost. It may please be noted that EESL will not pay any separate amount for the same.

### 3. Manpower Deployment:

Bidder has to deploy sufficient manpower to complete the project in the allotted time frame. For speedy execution the project, bidder has to lay at-least 06 Km of Phase wire should be lay per day in ULBs of Odisha. Cost of all these to be built into the bidder's rates. No separate payment shall be made for these items.

Accordingly, the bidder can calculate the no. of teams required to meet daily targets as mentioned in BoQ.

**Table-1:**

<b>Bidder to ensure a deployment of regular Staff comprising of:</b>	
<b>Particular</b>	<b>Minimum Requirement</b>
<b>Project Monitoring Team</b>	One (1) Project Manager with relevant experience at ULB for coordination purpose. Three Project Engineer with Electrical engineering background with minimum two years of experience dedicatedly to the project for resolution of technical issues.
<b>Field Monitoring</b>	Deployment of 03 supervisors with Two wheeler vehicle, with 06 installation teams to monitor the phase wire work.



<b>Installation Team</b>	At-least 06 teams to be depute to carry-out the the installation work and each team consisting of 04man power and each team must lay 06 km of phase wire/ per day.
<b>Maintenance Team</b>	Bidder has to depute minimum one team/50 km of phase wire i.e total of 11 maintenance team with two wheeler vehicle with all safety equipment's.
<b>Material Management</b>	One (1) store-in-charge along with 01 helper per store/depot at ULB level as desired by the E-I-C.
<b>Stock Movement Management</b>	One (1) computer operator with desktop/laptop with one printer and internet connection for generating daily reports and sending and replying to email and other correspondence.
<b>High Lift Hydraulic Ladder/ Tower Crane</b>	Vendors should have minimum dedicated Two no. of hydraulic ladder to execute the project in time bound manner during erection phase and same may be reduced to 01 during warranty tenure.
<b>4 Wheeler with telescopic/ folding FRP/Aluminum Ladder</b>	Vendors should have minimum dedicated (05) no. 4 wheeler to transfer the material on site.
<ol style="list-style-type: none"> <li>1. The concerned contractor/bidder shall be responsible for compliance all labour deployed for above street light work; further contractor(s) shall indemnify EESL as on in any compensation, injury arising out of any accident arising out of deployed for above contract. The contractor shall indemnify any financial and legal arising out of Deployment of manpower in the above contract.</li> <li>2. If any representative of successful bidder is on leave, then alternate manpower is to be arrange on-site and same has to be intimate/communicate to EESL- EIC.</li> <li>3. During maintenance period, bidder has to submit proper reports (duly signed by ULB and EESL) via e-mail related to complaints attended along with their resolution performed and for which EESL shall share the maintenance report format to the successful bidder.</li> </ol>	

**Note:**

- In addition to above, all other associated works which are not listed above but are essential for successful completion of the assignment are deemed to be included in the scope of work without any cost implication to EESL.**
- Appointment of NODAL Officer by Successful Bidder:** For the purpose of this tender, successful bidder needs to provide name, address, mobile no., email addresses, designations of at least 2 Senior Nodal Officers (Regular Employees of their organization), nominated by their top management (Director/ MD/ CEO), within 3 days of issuance of LoA, who are reachable through any means of modern communication and who shall be accountable to deliver the products and associated services to EESL as per the tender.

**4. SPECIAL TERMS & CONDITIONS: -**

- The beginning of maintenance period shall start when the entire infrastructure (existing and new) work including Poles, Cables, Feeder Pillars/Pedestals, with associated accessories has been

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Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81e7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016



commissioned and after the Agency/Contractor has been awarded a completion certificate from EESL - site representative and counter verified by nodal officer from the ULB.

5.

- a) All the works, to be executed under the contract, shall be executed under the direction and subject to the approval, in all respect, of the Engineer-in-Charge of EESI, for the time being, who shall be entitled to direct, at what point or points, and in what manner, they are to be commenced and from time to time carried on.

**6. Installation (Retrofit), Dismantling, Testing, Commissioning of LED Street Lights along with IDC items for 4-year on-site warranty & maintenance including Transportation and loading of IDC Material suitable to develop dedicated street lights phase wire, Tubular pole erection in 27 ULBs of Odisha State under SLNP”.**

- a) The Bidder shall assign senior employees (Refer Experience of officials defined in this document) from their organization who are regular employees and provide the contact details of the same, who shall be accountable for delivering on the said commitments during the Contract Period. In case, the assigned employee leaves the organization or is reassigned, the Contractor has to intimate the same in writing to EIC, EESL and advice names of the new employees (with same experience level as earlier employees) assigned for the role. One of the said employees would be deputed to EESL Bhubaneshwar office. One authorized person shall also be deputed at the EESL call centre for resolving daily complaints.
- b) The Bidder shall recruit trained manpower for commissioning and maintenance of fieldwork. There should be at least 1 electrician and 1 helper per 1000 number of streetlight points, at least 1 ladder per 1000 number of streetlight points and at least 1 hydraulic ladders (sky lifts) for no. of street lights in one district or 10,000 streetlight points, whichever is lower.
- c) All Machineries, Tool (Cable tracker, Megger, measuring tape, hand-hockey etc used in streetlight infrastructure works) and equipment including ladders & hydraulic ladder and all electrical items like P.V.C. cable, armoured and unarmoured cable (underground/overhead), MCB, MCCB, contactors etc. required for maintenance of streetlight infrastructure will be arranged by the Agency/Contractor at his own cost. The tools being used during the tenure of the project should be calibrated on a routine basis so that the accuracy of the appliances may be maintained.
- d) The bidder has to maintain necessary equipment's in site which is required for implementation and maintenance of project activities. All the machineries and equipment required for implementation of the project is to be arranged by the bidder. All complaints related to the system must be attended within 24 hours of intimation. Complaints to be recorded in written form as a part of record book. Failure to do so will result in levy of penalty at the rate of Rs. 100 per hour of delay.
- e) All complaints related to the system must be attended within 24 hours of intimation. Complaints to be recorded in written form as a part of record book. Failure to do so will result in levy of penalty at the rate of Rs. 100 per hour of delay.
- f) During the warrantee/maintenance period, supplier shall ensure to repair/ replace the defective systems within 48 Hours of receipt of the complaint failing which EESL shall be impose penalty @ of Rs.2000/- per default per day.
- g) EESL/ULB representative at works before dispatch could witness the testing of equipment's. Vendor has to give the inspection call to EESL for the same.
- h) The test reports/requisite certificates of items (Routine and type test reports) shall be submitted to indenter for review and acceptance. Reports to be submitted by vendor before issuance of LOA.
- i) All necessary consumables required for the work and commissioning under the scope of bidder.



- j) Any purchase of Electrical and Mechanical equipment's, including all associated accessories to be installed by bidder under the project shall be as per approved list of preferred makes mentioned in **Annexure A & B.**
- k) The bidder will be bound to painting and numbering of poles once in a year and the paint quality should be maintained so that it sustains for longer period of time.
- l) The bidder shall be responsible for packing and transportation from the manufacturer's works and receipt, storage, preservation and conservation of equipment at the site.
- m) Pre-assembly, if any, erection, testing and commissioning of all the equipment.
- n) The bidder shall familiarize itself with the work and working conditions at site and locality. No claim shall be entertained on this issue.
- o) The job should be completed in all respects with standard engineering practice and excellent aesthetic look, with emphasis on no water seepage in any part of the feeder pillar/pedestal or poles.
- p) Bidder has to buy-back the old streetlight luminaires/lamps if available on as is where is basis and quote the rates for the same separately in the financial quote.
- q) The bidder to ensure mechanical/electrical clearance from ULB/DISCOM/other relevant departments while conducting any work related to the scope of work.
- r) Any new cables (Underground/Overhead) installed during the contract period shall be required to be maintained on the same rate, term & conditions of the Agency/Contract. No extra cost shall be paid to bidder by EESL for same.
- s) The bidder will provide all necessary site facilities to the workmen employed by him, including all kind of safety equipment's required for the job.
- t) EESL or ULB will not be responsible for any Mechanical / Electrical accident to the workmen of bidder during the maintenance of infrastructure and no compensation will be payable on this account and it is Agency/Contractor's responsibility to get his labour insured on all account before start of work and submit its proof to EESL.
- u) If any items misplaced/damaged due to any reason what so ever, it is the responsibility of the bidder to erect the same on his expenditure. If, the bidder fails to do so, that point will be counted in the list of faulty street light points and penalty will be effective accordingly.
- v) The bidder shall abide by all Labour Acts and Rules / Regulations as framed by the Govt. (amended from time to time) and the non-compliance of the same shall make the bidder liable for all the consequences arising out of the same.
- w) In order to cope with the obligations as per Labour Act, the bidder shall obtain workman's compensation insurance policy from an approved insurance company to cover up the risk of injury /death of the contract labour engaged by him at site if covered under act. The labour regulation shall be deemed as part of the contract and breach thereof shall be deemed as breach of contract. Accordingly, the Agency/Contractor will render himself for penal action for omission and commission on his part by the competent authority.
- x) The bidder to take Comprehensive Insurance of all items such as Cables, Poles, Feeder Pillars/Pedestals, and associated accessories etc to cover any loss/damage/theft/natural claimity to the infrastructure.
- y) Infrastructure component once installed by the bidder shall be maintained by the bidder throughout the contract period. EESL shall pay the one time amount against the supply and laying charges. No extra payment shall be made for any kind of rectification and reinstallation.
- z) Infrastructure component supplied and installed by the bidder should be under 04 years warranty. No extra cost shall be paid to vendor for any IDC particulars depicted under the Price Bid table or any other required IDC particulars for installation and maintenance for the contract period.
- aa) The bidder shall be liable to handover any kind of dismantled/breakage/unused material to the respective site in-charge.
- bb) EESL reserves the right for quantity variation up to +/- 20% of each of the line items. Bidder has to maintain lights as well as infrastructure items installed.





- cc) Performance for AMC works of the vendor shall be reviewed on annually basis. If, it is perceived that the vendor might not be able to meet the project timelines and/or his performance as per the above-mentioned criteria is not up to the mark, EESL may cancel the order completely or partly without prejudice to his right, at the sole risk and cost of the vendor.
- dd) **Kindly note that if any accessories/component missed under the price bid table or under the tender document, price for same is to loaded in in the bid while bidding. No extra cost shall be paid by EESL to bidder under any circumstances.**
- ee) **The quantity to be installed in the Districts/ULBs is purely based on anticipation which may vary at the time of project execution/survey**
- ff) **ISI mark cable is to be used with specifications depicted under Table no.1. Cable is to be laid as per the guidelines of PWD/CPWD/DISCOMs under Govt. of Odisha.**
- gg) Any change in make/brand of the items being used shall be informed to EIC (EESL) and concurrence to be taken.

**Note: The EIC has the discretion to relax any of the above condition based on the project site conditions. Bidder shall obtain all kind of permission from respective department, which is required to execute the project. No charges are payable extra unless discretion of ULB/EESL.**

## **7. Infrastructure Components (IDC for DIC of Streetlights):**

### **a) Bracket/Arm/Clamps:**

Bidder has to ensure that arm angle is such that maximum lux level can be achieved on the roads. In case these items are not available at existing locations or if existing Bracket/Arm/Clamps are defective, the same are to be supplied, installed, dismantling and maintained for contract period by successful bidder. The Colour of Arms shall be Blue colour.

Bidder is responsible for all the Bracket/Arm/Clamps existing or replaced for contract period; and shall be asked to replace the same if found inappropriate during the contract period. Any cost needs to be borne by bidder.

**Note:** Payment for IDC items to be on actuals as per rate table given below and NOT to be loaded in installation rates of the Lights. Verification of IDC quantity installed is to be carried out by bidder from EESL representative and ULB at the same time as the verification of installation of lights in the same document.

### **b. Bi- Metallic Connectors.**

Bi-metallic connectors must be used by the bidder for installation of each light. However, the EESL approved rates of these connectors will be made known to the successful bidders before the start of installation and the bidder has to agree to these rates. EESL will approve a justified rates based on its own market survey.

Bidder to make all necessary arrangements to ensure that complaints generated due to loose connections, bimetallic corrosion (caused by consistent presence of moisture) does not arise. Usage of bimetallic connector with protection against moisture is mandatory. Installations carried out without bi-metallic connectors or with feeder/jumper wire having joints shall be considered not installed & penalty of INR 1000 per such wrong installation shall be levied on the bidder.

In addition to the above-mentioned quantity, the same are to be supplied, dismantled, installed and maintained as per the unit rates mentioned in the table subject to verification by ULB and EESL/representative of the quantities installed. EESL reserves the right to supply below IDC particulars to the successful bidders on site.



Following IDC particulars, if required at site, bidder has to ask in writing to concern EIC for using below IDC particulars through this tender.

## **8. SAFETY COMPLIANCE:**

- a) Successful bidder, on whom letter of award is placed, is to ensure all safety guidelines, rules and regulations, Labour laws etc.
- b) Successful bidders indemnify EESL for any accident, injury met by its Labour, employee or any other person working for him.
- c) Any compensation sought by its Labour, employee or successful bidder as per settlement shall pay any other person working for him solely. *EESL has no role to play in this matter.*
- d) If any mis-happening took place then BIDDER shall solely be responsible for making payment for Hospitalization, Compensation thereof in case of any accident & injury & M/s EESL would not be hold responsible for any incidental accidents and has right to take appropriate actions, at the sole risk and cost of vendor if the above-mentioned safety measures are not taken by the bidder.
- e) If bidder fails to comply the EESL safety policy (EHSS) during any time than penalty of INR 100000 per month shall be imposed without any intimation on the confirmation from respective EIC (EESL)/AMC representative.
- f) EESL will not be responsible in case any accident/ mis-happenings with contractor/bidder employee or contract person, or any other local person reside in jurisdiction of ULB due to non-following the guideline of EESL mentioned for related awarded work and for any equipment damage or theft occurs and in no case EESL shall pay/responsible for it.
- g) In case of any accident during the operation / maintenance leading to injuries / damages to human being's equipment and / or loss of life, the contractor shall be fully responsible for setting all claims and indemnify the department against any claims arising out of such accidents. Consequent damages to other systems will however be recoverable from the contractor.
- h) The Consultant is advised to take out insurance for the period of the Contract, on the terms specified in the Special Conditions, including, but not limited to, the following:
  - Professional liability insurance;
  - Personal liability insurance;
  - Equipment insurance covering loss of or physical damage to all equipment acquired, used, provided or paid for by the Employer within the context of this Contract; and
  - Motor vehicle third party liability insurance and motor vehicle comprehensive insurance for the vehicles acquired in connection with this Contract.
- i) EESL will not be responsible in case any accident/ mis-happenings with consultant employee or contract person and for any equipment damage or theft occurs and in no case EESL shall pay for it.
- j) During the period of installation and AMC, successful bidder should ensure implementation of SAFETY measures to ensure SAFETY of working personnel, as per all applicable laws in general and with special focus in the following.
  - Working at heights
  - Working on/in the vicinity of power supply lines.



- Working during night time on roads with proper signage.
- k) Suitable work instructions/procedures shall be prepared for each type of work location (Height or type of pole / supply network configuration) and a competent person possessing valid certificate w.r.t SAFETY issues shall train the working personnel at regular intervals. **A safety inspector as coordinator shall be nominated and his details provided to EESL Registered Office.**
- l) All the working personnel shall be provided with appropriate Personnel Protection Equipment such as Safety harness for working at heights, safety helmets, earthing rods, body chains, gloves, gum boots, etc. and other accessories such as Road Safety Cone, Flag, Safety jacket, Signage's etc. whenever and wherever required.
- m) Successful bidder shall arrange to carryout safety Audit at regular intervals by a competent person possessing valid certificate w.r.t SAFETY issues and suitable remedial measures shall be taken based on the findings/recommendation of the Safety Audit. M/s EESL would not be hold responsible for any incidental accidents and has right to take appropriate actions, at the sole risk and cost of vendor if the above mentioned safety measures are not taken by the bidder.

In brief:

- EESL or ULB will not be responsible for any Mechanical / Electrical accident to the workmen of bidder during the maintenance of infrastructure and no compensation will be payable on this account and it is Agency/Contractor's responsibility to get his labour insured on all account before start of work and submit its proof to EESL.
- The bidder shall abide by all Labour Acts and Rules / Regulations as framed by the Govt. (amended from time to time) and the non-compliance of the same shall make the bidder liable for all the consequences arising out of the same.
- In order to cope with the obligations as per Labour Act, the bidder shall obtain workman's compensation insurance policy from an approved insurance company to cover up the risk of injury /death of the contract labour engaged by him at site if covered under act. The labour regulation shall be deemed as part of the contract and breach thereof shall be deemed as breach of contract. Accordingly, the Agency/Contractor will render himself for penal action for omission and commission on his part by the competent authority.
- The bidder will provide all necessary site facilities to the workmen employed by him, including all kind of safety equipment's required for the job.

## 9. **Labour Laws to be adhered to Successful Bidder:**

LOA to the contractors clearly specify that they shall ensure compliance of Labour Laws and shall indemnify EESL against the liability arising out of any injury to their workers deployed.

Advise the contractors, at various sites, to ensure compliance under the following basic Labour Acts and provisions there under on a priority basis:

1. Employees Provident Fund and Miscellaneous Provisions Act, 1952 (providing for PF contributions, Employee pension and Deposit Link Insurance)
2. Employees State Insurance Act, 1948 (providing for medical, disablement, dependent benefits)
3. Employees Compensation Act, 1923 (providing for Compensation against injury due to and



- during the course of employment)
4. Minimum wages Act, 1948 (providing for minimum wages for various employments) Further, other social security provisions have also to be complied with.

**Note:** The norms and measures mentioned are indicative and any other law/safety norms related to safety of the Labor may also be adhered to.

**10. Vendor Workforce/Contractor Workforce – Skills Training Programme:**

A hands on in-depth training for Street Light technician's/vendor workforce/contractor workforce/ installation & maintenance teams of vendor to ensure improved workmanship during installations of defined items as per the tender specifications. The training is required to be given to the staff of the vendor to guide them properly for the installation of items as per tenders. The mode of the training shall include oral, visual, practical on-site training & hands-on training sessions. Each vendor has to COMPULSORILY provide this training to at least 30% of its total workforce (Regular workforce/contractual workforce or sub contractual workforce) employed in installations as per BOQ. The successful bidder shall have to bear the cost (inclusive of taxes) of training its workforce under the skills training Programme being organized by EESL & Power Skills Council.

**11. Taxes and Duties:**

The above prices are inclusive of all cess and duties including loading, transfer to Site, insurance, other costs incidental to delivery but exclusive of GST. You should mandatorily register yourself under GST act of the particular state. Any other charges/cost/TA/DA is also included in the above contract price.

- I. If there is increase or decrease in the taxes and duties subsequent to supplier's offer within the contract delivery schedule of supply due to change in rate or introduction of new tax or deletion of existing tax or interpretation/ application of tax etc., EESL will reimburse the actual tax.
- II. In case bidder fails to achieve completion as per contract delivery schedule of supply, EESL will not be liable to compensate for any increase in taxes and duties due to change in rate or introduction of new tax or interpretation/application of tax etc. Whereas taxes at actual rate shall be paid in case of decrease in taxes and duties due to change in rate or deletion of existing tax or interpretation/application of tax etc., in the event of late delivery after the contract delivery period.

**12. Insurance:**

The Goods supplied under the Contract shall be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. For delivery of goods at site, the insurance shall be obtained by the Contractor, for an amount not less than the Contract Price of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War risks and strikes.

**13. Transportation, storage, Demurrage/Wharf age, Etc.:**

Bidder is required under the Contract to transport the Goods to place of destination defined as Site and storage of the material till the same are delivered at various locations. Transport to such place of destination in India including insurance, as shall be specified in the Contract, shall be arranged by the Successful Bidder, and the related cost shall be included in the Contract Price. The specifications of the



IDC items shall be as given under the Chapter “Technical Specifications” of Tender documents.

14. Subsequent to an order being placed against your quotation, received in response to this ‘enquiry’, if it is found that the materials supplied are not of the right quality or not in accordance with our specifications (required by us) or received in damaged or broken conditions, not satisfactory owing to any reason of which we shall be the sole judge, we shall be entitled to reject the materials, cancel the contract and buy our requirement from the open market / other sources and recover the loss, if any, from the supplier reserving to ourselves the right to forfeit the security deposit, furnished by the supplier against the contract. The supplier will make his own arrangements to remove the rejected material within a fortnight of instruction to do so. Thereafter material will lie entirely at the supplier’s risk and responsibility and storage charges, along with any other charges applicable, will be recoverable from the supplier.
15. The Bidder shall warrant that the equipment/products to be supplied shall be new and free from all defects and faults in materials used, workmanship and manufacture and shall be of the highest grade and consistent with the established and generally accepted standards for materials of the type ordered and shall perform in full conformity with the specifications and drawings. The Bidder shall be responsible for any defect that may develop under the conditions provided by the contract and under proper use, arising from faulty material, design or workmanship such as corrosion of the equipment, inadequate quantity of material to meet equipment requirements, inadequate contact protection, deficiencies in circuit design and/or otherwise and shall remedy such defects at his own cost when called upon to do so by the EESL who shall state in writing in what respect the equipment/products are faulty. This warranty shall survive inspection or payment for / and acceptance of goods, but shall expire after the installation and commissioning and have been taken over by EESL.
16. Successful bidder is to ensure inter-changeability of its product supplied for replacement during service period and even when it is purchased from open market. In case due to change in technology, the supplied product is not available during service period then the improved version of product can be used in Service period with same or improved technical parameters or the combination thereof after written communication of Engineer in Charge at same cost & terms and conditions. Successful Bidder, on whom letter of award has been placed, has also to confirm that the prices of improved version of product is not lesser than the original product or its parts in comparison.



17. The date of delivery of goods and services stipulated in the acceptance of the agreement should be deemed to be the essence of the agreement and delivery must be completed not later than the dates specified therein. Extension will not be given except in exceptional circumstances. Should, however, deliveries be made after expiry of the contracted delivery period, without prior concurrence of the EESL and be accepted by the Bidder, such delivery will not deprive the EESL of his right to recover liquidated damage under clause 3 of Part C below.
18. Should the Bidder fail to deliver within the period prescribed for delivery, the EESL shall be entitled to recover 0.2 % of the value of the delivery delayed for each day of delay or part thereof for a period up to 10 (TEN) days and thereafter at the rate of 0.5% of the value of the delivery delayed for each day of delay or part thereof for another six days of delay. Quantum of liquidated damages assessed and levied by the EESL shall be final and not challengeable by the Contractor.
19. **Change of target locations/Districts within the state:**  
EESL reserves the right to change the target locations/Districts within the State, in case of exigencies, with variation in quantities subject to the relevant clauses under BOQ, as specified under BOQ and no charges shall be payable extra in such a case. EESL is also at liberty to transfer quantities inter-state on need basis without any additional cost.
20. The specifications of the **IDC Material** shall be as given under the Chapter “Technical Specifications” **Annexure III** of Tender documents.
21. We reserve the right to accept or reject any quotation in full or in part without assigning any reason thereof. We also reserve the right to split and place order on more than one supplier.
22. The bidder should not have been black-listed by any Central / State Government or Public Sector Undertakings. If at any stage of tendering process or during the currency of the contract, any suppression / falsification of such information is brought to the knowledge, EESL shall have the right to reject the proposal or terminate the contract, as the case may be, without any compensation to the tenderer & forfeiture of bid security/EMD/CPG.
23. **Bill of Quantity(BOQ):**
- Approximate requirement of IDC Material **BILL OF QUANTITY (BOQ) IS BROUGHT OUT UNDER ANNEXURE-V** for street light phase wire project in ULBs of Odisha. However, the actual requirement may vary with respect to field condition
  - BOQ as per RFP shall form the basis for evaluation of Price Bids and shall constitute LOA Quantity.
  - EESL reserves the right for variation in awarded quantity up to +/-20% during execution. Prices as per LOA shall be applicable for the revised quantity within the limits of variation specified.

For additional quantities of all awarded items up to 20% of total LOA quantity, EIC may inform the bidder in writing, after obtaining necessary internal approvals. However, payment for additional quantity shall be processed only after issuance of amended LOA by Supply Chain Management (SCM) Department.

24. **Pre-dispatch Inspection (PDI):**

- EESL reserves the right to carry out Pre-Dispatch Inspection at the cost of bidder (as per enclosed format or





an updated version of the same) at their works either on their own or through their authorized representative for any or all the lots of BOQ items to be supplied under subject LOA, as per Inspection Plan approved by EESL.

- ii. EESL reserves the right for collection of samples from Field, Manufacturing plant or from the lot offered for inspection at manufacturer's works for testing as per EESL Specifications/equivalent IS standards. EESL reserves the right to reject the entire lot offered or installed in case of Failure of the sample.

## 25. Completion period and Supply schedule: -

21.1 The Supply Schedule is tabulated as per Table 01:

**Table 01**

<b>Supply Schedule from the Date of Issuance of LoA/PO</b>	<b>Qty.</b>
<b>15<sup>Th</sup> Day</b>	<b>50%</b>
<b>30<sup>Th</sup> Day</b>	<b>50%</b>
<b>Total</b>	<b>100%</b>

## 21.2 Completion Period

- Rates are valid for entire project period duration after award of LoA. Bidder have to arrange supplies accordingly. Entire PO (release order) quantity to be dispatched and delivered at site as per Table 01 mentioned under Supply Schedule 21.1 clause. Delivery period will be proportionately get increased on pro-rata basis for the quantity above ceiling limit.
- Bidder has to complete the installation within 04 month's post issuance of LoA and no relaxation shall be given in this respect.
- The material shall be allocated from time to time by EESL through valid PO's (Release Orders) indicating the supply location and quantity. The supplier can improve upon the delivery schedule depending upon his capacity and production rate.
- Bidder must provide invoice copy along with the dispatch documents including copy of challan / LR, e-way bill, copy of MDCC, etc. for dispatched material to EESL EIC through email within one day of dispatch of material. This is a mandatory requirement for EESL records.
- The period of the contract may be further extended on sole discretion of EESL as per the requirement or may be curtailed/terminated owing to deficiency in services or supply of sub-standard quality of materials on the sole discretion of EESL.
- Successful bidder should submit the following documents within 3 days from the date of issuance of LOA/ receipt of LOA
  - Submission of production plan for the awarded quantity.
  - Submission of delivery plan.
- The performance of the vendor will be continuously assessed throughout the tenure of project (6 months) and if it is perceived that the vendor might not be able to meet the project timelines and/or his performance as per the above-mentioned criteria is not up to the mark, EESL may cancel the order completely or partly without prejudice to his right, at the sole risk and cost of the vendor. Further, if vendor is found faltering in supplies under this project, it is EESL's prerogative to short-close this order with strict penalties.



- h. EESL shall provide allocation of quantities to be supplied from time to time during the currency of contract with appropriate dispatch instructions/release orders.
- i. In case if the material is not available as per above schedule, EIC may cancel the LOA or award the same quantity to other bidder at the risk and cost of non-performing bidder. Also, EIC may take appropriate action against bidder.



**EESL reserves the right to disqualify the bidder from participating in the subsequent tenders based on the performance rating as assessed by EIC**

**26. Adjudicator:**

Adjudicator under the contract shall be appointed by the Appointing Authority i.e. CEO/ (EESL). If the bidder does not accept the Adjudicator proposed by EESL, it should so state in its bid form and make a counter proposal of an adjudicator. If on the day the contract agreement is signed, the EESL and contractor have not agreed on the appointment of adjudicator, the adjudicator shall be appointed, at the request of either party, by the appointing authority specified.

**27. Arbitration:**

Arbitration shall be carried out as per Arbitration Act 1996 and its subsequent amendment. The Contract shall be governed by and interpreted in accordance with the laws in force in India. The courts of Delhi shall have exclusive jurisdiction in all matters arising under the contract.

**28. Purchase Preference as per “Public Procurement (Preference to Make in India), order 2017’ last amendment dated 04-June-2020)**

Revised order No: P-45021/2/2017-PP (BE-II) dated: 16-Sept-2020 of Department of Promotion of Industry and Internal Trade dated 16 Sept. 2020 Shall be applicable. As per revised order:

- a) Only ‘Class-I Local Suppliers’ and ‘Class-II Local Suppliers’ are eligible to bid in this tender subject to fulfillment of ‘Local Content Requirement’ clause as mentioned above.
- b) Margin of purchase preference applicable to ‘Class I Local Supplier’ is 20%.

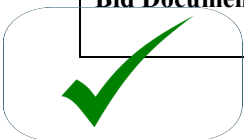
Bidder shall submit a self-declaration certificate stating the minimum percentage of local content as per the format given in **Attachment-12 of Section-6 of Tender Document**.

**NOTE:**

- c) **Bidder shall carefully go through the above mentioned order in order to understand the whole process and definition of various terms (e.g. Class-I Local supplier, Local content etc.) pertaining to the said order.**
- d) **False declarations will be in breach of the code of integrity under Rule 175(1)(i)(h) of the General Financial rules for which a bidder or its successors can be debarred for up to 2 years as per Rule 151(iii) of the General Financial rules along with such other actions as may be permissible under law.**

**29. Compliance with all Statutory Regulations:**

- 25.1 Compliance of all the statutory requirements as may be required w.r.t the activities to be performed to execute the scope of work under the subject LOA including the requirements under Contract Labor Acts, safety of the workmen deployed, etc., shall be the responsibility of the



successful bidder including all the expenditure incurred for the same. This includes all the requirements w.r.t the workmen under Sub-contractor(s) also. The successful bidder shall submit the documentation to EESL, on monthly basis, as required under the applicable statutory requirements.

- 25.2 Successful bidder shall indemnify EESL for any accident, injury met by its labor, employee or any other person working for him. Any compensation sought by its Labour, employee or any other person working for him shall be paid by successful bidder as per settlement solely. EESL has no role to play in this matter.

### 30. **Submission of Reports:**

Following Reports shall be submitted by the successful bidder, as per the instructions of EIC:

- a. Daily Supply & installation Schedule of BoQ Material.
- b. Stock Report: Warehouse.
- c. Monthly Progress Reports during contract period for each location.
- d. Any other Reports as may be directed by EIC.

Final Report Formats shall be informed by EIC at appropriate stage.

### 31. **Technical Specifications:**

Technical Specification is brought out under **ANNEXURE- III**

### 32. **QUALIFYING REQUIREMENTS:**

The bidder has to fulfill the Qualifying Requirements as per **ANNEXURE-IV** and submit the documents with necessary details pertaining to the same, as stipulated in the Annexure.

**Consortium is not allowed in this Tender.**

#### ❖ **In case of holding company: -**

“In case bidder is not able to furnish its audited financial statements on standalone entity basis, the unaudited unconsolidated financial statements of the bidder can be considered acceptable provided the bidder furnishes the following further documents on substantiation of its qualification:

- a) Copies of the unaudited unconsolidated financial statements of the Bidder along with copies of the audited consolidated financial statements of the Holding Company with a letter of undertaking from holding company supported by Board pledging unconditional and financial support. Irrevocable in the format enclosed in ***Attachemnt-9*** of Section-6, Forms & Procedures.
- b) A Certificate from the CEO/CFO of the Holding Company, stating that the unaudited unconsolidated financial statements form part of the Consolidated Annual Report of the Company.
- c) In case a bidder does not satisfy the financial criteria, the holding company would be required to meet the stipulated turn over requirements, provided that the net worth of such holding company as on the last day of the preceding financial year is at least equal to or more than the paid-up share capital of the holding company.



In such an event, the bidder would be required to furnish along with its bid, a letter of Undertaking from the holding company, supported by the Board Resolution, as per the format enclosed in the bid documents (Attachemnt-9 of Section-6, Forms & Procedures), pledging unconditional and irrevocable financial support for the execution of the Contract by the bidders in case of award.

- d) In case the Bidder meets the requirement of Net worth based on the strength of its Subsidiary(ies) and/or Holding Company and/or Subsidiaries of its Holding Companies wherever applicable, the Net worth of the Bidder and its Subsidiary(ies) and/or Holding Company and/or Subsidiary(ies) of the Holding Company, in combined manner should not be less than 100% of their total paid up share capital. However individually, their Net worth should not be less than 75% of their respective paid up share capitals.”
- For Start-up firms as per Gazette Notifications dated: 17-Feb-2016, G.S.R. 180 (E) and MSMEs relaxation will be given in this tender as per Clause No. 2.4 of Section 2 of this tender.
- Bidder is allowed to participate in consortium with NSIC. In case of Consortium of NSIC, the lead members & consortium partners shall not separately participate as independent bidder or as members of any other consortium in this bidding process. All bids in contravention of this shall be rejected.
  - In case party is participating in consortium as highlighted in S.no 1, the lead members & consortium partners shall not separately participate as independent bidder or as members of any other consortium in this bidding process. All bids in contravention of this shall be rejected.
  - In case of participation as NSIC, it is clarified as consortium of maximum three members are allowed including NSIC as lead member. In one tender, only bid from one NSIC Consortium will be accepted.
  - “Holding Company “and “Subsidiary “shall have the meaning ascribed to them as per Companies Act, 1956 or, in vogue.
  - In case bidder has been found to be defaulting on the delivery/installation eriod (in LoA issued) as per assessment (supply, installation etc.) will be liable to be rejected.
  - In case the Bidder does not meet the requirement of clause above on its own, it can quote on the basis of experience of its Subsidiary (ies) and/or Holding Company and/or Subsidiary (ies) of its Holding Company. In such a case the consolidated experience of Bidder and/or its Subsidiary (ies) and/or Holding Company and/or Subsidiary (ies) of its Holding Company shall be considered, as applicable.
  - Net worth means the sum total of the paid up share capital and free reserves. Free reserve means all reserves credited out of the profits and share premium account but does not include reserves credited out of the revaluation of the assets, write back of depreciation provision and amalgamation. Further any debit balance of Profit and Loss account and miscellaneous expenses to the extent not adjusted or written off, if any, shall be reduced from reserves and surplus.
  - In case a bidder does not satisfy the ATO criteria, stipulated on its own, the holding company would be required to meet the stipulated turnover requirements at above, provided that the net worth of such holding company as on the last day of the preceding financial year is at least equal to or more than the paid-up share capital of the holding company. In such an event, the bidder would be required to furnish along with



its bid, a Letter of Undertaking from the holding company, supported by Board Resolution, as per the format enclosed in the bid documents (attachment-9 section-6 Forms & Procedures, pledging unconditional and irrevocable financial support for the execution of the Contract by the bidder in case of award. However, Bidder & Holding company, both in this case still has to meet the profitability criteria as highlighted at clause 4 above.

- Other income shall not be considered for arriving at annual turnover.
- The supporting documents in support of above Qualification Requirement should be submitted along with tender document, otherwise Techno-commercial offer submitted by the bidder is liable to be considered as non-responsive.
- All the required documents must be properly annexed and submitted as mentioned above with necessary details in brief.





**PART-C: SPECIAL CONDITIONS OF CONTRACT****❖ TERMS OF PAYMENT****1. Terms of Payment: -The payment shall be processed only after receipt of following: -**

- (i) Acceptance of LOA and signing of Contract Agreement.
- (ii) Submission of Contract Performance Guarantee (CPG) as per CPG clause.
- (iii) Submission of original supply Invoices/Bills duly verified/certified by EESL representative along with proof of delivery/completion of work duly certified by EESL EIC & Client jointly.
- (iv) Bidder must provide invoice copy along with the dispatch documents including copy of challan / LR, e-way bill, etc. for dispatched material to EESL EIC and work completion certificate wherever applicable as per the scope of work.

**For Part-A (Installation of LED Street Lights)-** 100% Payment at actuals will be made on Installation & successful Commissioning of LED Street Lights. Contractor must submit Installation & Commissioning certificate for the actual work done duly certified jointly by EESL EIC & Client.

Payment Terms	Condition of Payments
100% of LoA rates for Dismantling, Installation and commissioning shall be made to the agency within 30 Days from the date of submission of original bills/invoice duly certified/verified by representative of EESL after completion of respective ULB; subject to fulfilment of contractual obligations.	After submission of jointly verified installation reports by ULB and EESL's representative

**For Part-B: Infrastructure Development Phase (Supply & installation of Poles & Cables)** – Upon 100% supply, commissioning, completion certificate from respective ULB & overall completion of job as per the satisfaction of EIC

Payment Terms	Condition of Payments
90% of LoA rates for supply, Installation, and commissioning of Infrastructure development items shall be made to the agency within 30 Days from the date of submission of original bills/invoice duly certified/verified by representative of EESL upon completion of overall job as per scope of work; subject to fulfilment of contractual obligations.	After submission of jointly verified supply, installation, laying, commissioning, completion report from respective ULB and EESL's representative.
10% of LoA rates for supply, Installation and commissioning of Infrastructure development items shall be made to the agency as follows:-  1. 1 <sup>st</sup> Year – 2% of LoA rates for supply, Installation, and commissioning of Infrastructure development items 2. 2 <sup>nd</sup> Year — 2% of LoA rates for supply, Installation and commissioning of Infrastructure development items	Payment shall be made on every year as per the milestone at the end of maintenance year upon receipt of satisfactory maintenance certificate from ULB and EESL Engineer in Charge

3. 3 <sup>rd</sup> Year – 3% of LoA rates for supply, Installation and commissioning of Infrastructure development items	
4. 4 <sup>th</sup> Year – 3% of LoA rates for supply, Installation and commissioning of Infrastructure development items	

Following Documents must be attached with the Payment claim by the Contractor.

- Submission of original supply Invoices/Bills duly verified/certified by EESL representative.
- Submission of Product Clearance Report along with copy of receipted LR, E-way bill as per tender conditions duly certified by representative of EESL.
- Submission of DIR (Daily Installation Report duly jointly certified by EESL & ULB representative) and Completion certificate duly certified by the Executive office of the respective ULB and EESL site In charge.

**For Part-C (Operation & Maintenance of the developed dedicated Street Lights Phase Wire infrastructure including 4-Year Warranty) –** Payment will be made at actual on monthly basis duly certified by EESL EIC as per the scope of work defined in the tender document and actual on ground performance.

- During the maintenance phase the agency should raise the monthly invoice towards the AMC payment. An annual escalation of 6% on the AMC cost will be considered for payment in each of the subsequent years after 1<sup>st</sup> Year.
- Satisfactory performance letter from ULB or EIC (EESL) against the warranty offered by the Bidder and satisfactory maintenance of IDC infrastructure.
- Confirmation from EIC (EESL) regarding the availability of material installed on-site during the warranty phase.
- Upon receipt of Monthly maintenance report along with daily complaint record duly verified by ULB or EIC (EESL).
- The Payment towards the last months' maintenance charge shall be released only after complete handover of site to the EESL/ULB in working condition in all respects.

Bidder to note that escalation will be considered for payment of AMC Charges as under:

Year	Price of AMC
1 <sup>st</sup> year	100% of Part-C (i.e., no escalation)
2 <sup>nd</sup> year	106% of Part-C
3 <sup>rd</sup> year	112.36 % of part C
4 <sup>th</sup> year	119.10% of part C

Performance Certificate of EIC is required at the end of each month during maintenance Phase.

EESL EIC will monitor the ratio of CAPEX and OPEX expenditure with an upper ceiling of 3% at regular intervals (Monthly) and if it is found that the ratio is being violated for its upper limit, then EESL EIC will take an appropriate call/decision to bring it back within the desired limits.



**Note:**

- 1) The Bills shall be certified by the Engineer-In-Charge or its Authorized representative.
- 2) The certification of Bills by the Engineer in charge shall mean that all the jobs specified wherever in the contract / Annexure has been carried out by the BIDDER satisfactorily which shall hold good for payments of Bills.
- 3) Relevant Certificate/document to be submitted by the successful bidder for Minimum wages paid by the BIDDER to their employees.
- 4) Successful bidder must sign a Contract agreement with EESL within 07 days of issuance of LoA.
- 5) EESL reserves right to cancel the bid without giving any reason.
- 6) The performance of the vendor will be continuously assessed throughout the tenure and if it is perceived that the vendor might not be able to meet the project timelines and/or his performance as per the above-mentioned criteria is not up to the mark, EESL may cancel the order completely or partly without prejudice to his right, at the sole risk and cost of the vendor.

**CONDITIONS OF PAYMENT:**

- a) Acceptance of LOA and signing of Contract Agreement.
- b) Submission of Contract Performance Guarantee (CPG) as per CPG clause of this RFP.
- c) Submission of original supply Invoices/Bills duly verified/certified by EESL representative along with proof of delivery duly certified by client.
- d) If the invoice is incomplete in any respect or if there is any non-compliance with relevant Terms & Conditions of LOA, counting of 30 days' due date shall start from the date of submission of all necessary documents provided relevant terms & conditions of LOA have been fulfilled.
- e) At the time of payment of bills, the income tax, if any, shall be deducted at source as per Government rules and guidelines as may be prevailing at the time of payment. Further, for availing the benefit of lower income tax rates supplied from outside the Purchaser's country, Supplier shall provide Income Tax Clearance Certificate (ITCC)/ Tax Residency Certificate or any other relevant document/certificate as per prevailing law, from concerned tax authorities for claiming lower tax deduction, if any.

**Other terms and conditions related to payment terms:**

- At the time of payment of bills, the income tax, if any, shall be deducted at source as per Government rules and guidelines as may be prevailing at the time of payment. Further, for availing the benefit of lower income tax rates supplied from outside the Purchaser's country, Supplier shall provide Income Tax Clearance Certificate (ITCC)/ Tax Residency Certificate or any other relevant document/certificate as per prevailing law, from concerned tax authorities for claiming lower tax deduction, if any.
- All the invoices shall be submitted to EESL for payment, once in a month only.  
The Payment will be made to the bidder within 30 Days after submission of Invoice complete in all respect i.e. with all the required documents and compliance of relevant terms & conditions of LOA duly accepted & certified by EIC, EESL.
- If the invoice is incomplete in any respect or if there is any non-compliance with relevant Terms & Conditions of LOA, counting of 30 days' due date shall start from the date of submission of all necessary documents provided relevant terms & conditions of LOA have been fulfilled.



## 2. Applicable Taxes/GST

Prices shall be exclusive of all GST. However, IT as per applicable rate will be deducted from your bills as Tax Deduction at Source (TDS).

GST at actual shall be paid on submission of GST Registration and self- declaration on your letter head stating that you have deposited/or will deposit the Tax as per the applicable tax laws. You shall furnish your GST registration number. Any statutory variations i.e. increase/decrease in Taxes / Duties introduces by central Govt. / State Govt. of shall be reimbursed/recovered to/from Contractor against documentary evidence and proof. Any other charges/cost/TA/DA is also included in the quoted price.

## 3. Evaluation Criteria: -

- There is one Packages in the Tender. Evaluation will be done of complete package on overall L-1 basis.
- Eligibility of participating bidder shall be determined as set in Qualification Criteria.
- Among all qualified bids, overall lowest bid shall be termed as L1.
- The price bids shall be evaluated as per the overall total price of the Package.
- There is no split in the package.
- Prices will remain firm till the execution of the contract and nothing shall be payable extra apart from the prices quoted above.
- Bid received in contravention of the same shall be liable for rejection.
- Further, in case a party is not able to supply quantity allocated to them as per scheduled timelines, EESL reserves the right to order the part/full quantity to other bidder on the risk and cost of such non-performing bidder.
- In case of single vendor situation, award may be given for the 100% quantity to such bidder after establishing rate reasonability by EESL.
- Prices will remain firm till the execution of the contract and nothing shall be payable extra apart from the prices quoted above.
- Bid received in contravention of the same shall be liable for rejection.

**In the event of tie in prices between two or more bidders, the bidder with higher turnover will be given preference in ranking & award. Avg. of last two financial years shall be considered for arriving at turnover for comparison in such cases to break the tie.**

## 4. Action by EESL, if L1 backs out:

After opening of price bid, if L1 bidder backs out, the bidder will be put on holiday list of EESL for a period of one year. During this tenure, the bidder will be barred from participation in EESL tendering process. However, bidder has to continue the unexecuted work of the other prevailing work if any under the current running contracts. Simultaneously, the EMD submitted by such bidder against the subject tender will be forfeited. If bidder is exempted from submission of EMD, then the EMD amount will be adjusted from the payments due to the contractor against other running contracts. If there is no running



contract of the bidder/ no payment dues of the bidder, then EESL reserves the right to take any legal remedy as deemed fit to recover the penalty equivalent to EMD amount through legal means.

### 3. Penalties and Liquidated Damages:

- a. In case of any delay in the execution of the supplies, beyond the stipulated time schedule, EESL reserves the right to recover from the bidder a sum equivalent to 0.5% of the value of the delayed equipment delivery/unexecuted portion of work for each week of delay and part thereof subject to a maximum of 10% of the total value of the release order issued by EESL. However, the LD will not be applicable for the period if delay is not on bidder's part.
- b. Alternatively, EESL reserves the right to purchase and distribute equipment/ material from elsewhere at the sole risk and cost of the successful bidder/contractor and recover all such extra cost incurred by EESL in procuring the material from resources available including EMD/Bid Security/encashment of Bank Guarantee or any other sources etc.
- c. And also, EESL reserves the right to cancel the order completely or partly without any prejudice to the exercise of the actions.
- d. It may be noted that the requirement of material is very urgent, hence bidders are requested to do the assessment of material availability as per the schedule before participating in the tender.

### 4. **Correspondence:** Post award, all correspondence by successful bidder shall be addressed to as brought out below:

- **Head (SCM)** – for all issues pertaining to clarifications w.r.t contractual and commercial issues or requiring amendments on the terms and conditions of LOA in general.
- **Engineer-In-Charge (EIC)** - all the activities pertaining to execution of the works at site, as per the provisions under the terms of the LOA, on behalf of EESL.

### 5. **PRE-Bid CONFERENCE**

- The official representative of the applicant may attend the pre-bid conference. The schedule of the meeting shall be as mentioned in Section-1 of this document.
- The purpose of the meeting will be to clarify any issues regarding the RFP document.
- Record notes of the meeting including the text of the questions raised and responses given will be transmitted to all the applicants who were present at the meeting and will also be put on the web-site. The clarifications that could not be furnished during pre-bid will be separately communicated to all the purchasers of the RFP.
- Non-attendance at the pre- Bid meeting will not be a cause for rejection of a Bidder.
- Based on the discussion in pre-bid meeting, EESL reserves the right for modification in this document.
- Applicant(s) are requested to send the queries **till 7<sup>th</sup> working day after floating the RFP** to the contact points mentioned in Section-1 in the following format (**excel or word editable file**). No queries shall be entertained after the deadline of submission of query is over.

<b>Name of Tender</b>	
<b>Tender No.</b>	
<b>Tender ID</b>	



<b>Application Opening Date</b>				
<b>Applicant's Name</b>				
<b>Contact person from Applicant with address, e-mail and Contact No.</b>				
<b>Sr. No.</b>	<b>Section No.</b>	<b>Description as Per RFP</b>	<b>Queries/ Clarification of the Applicant</b>	<b>Remarks</b>
	<b>Page No.</b>			
	<b>Para No/ Clause No.</b>			
<b>1.</b>	Section No.			
	Page No.			
	Para No/ Clause No.			
<b>2.</b>	Section No.			
	Page No.			
	Para No/ Clause No.			
<b>3.</b>	Section No.			
	Page No.			
	Para No/ Clause No.			

#### 6. Contract Performance Bank Guarantee(CPG):

Within twenty (28) days of the receipt of notification of award from EESL, the successful bidder shall furnish the CPG in the form of Demand Draft/ Pay Order or Bank Guarantee for **3%** of Contract Value. The Bank Guarantee must be valid to cover Delivery (01 Month) + Installation Duration (02 Months) + Warranty & Maintenance Period (Post completion of phase wire work for 04 year) + 03 month claim period. Any delay in submission of CPG/SD beyond such permissible duration shall be deemed as accruing of financial benefit to the supplier and EESL shall take necessary interest penalty recovery action (interest @SBI's MCLR + 2 % on the CPG amount) for the period of delay from the payments due to the supplier, to be deducted from the first invoice submitted by the contractor/supplier. However, this provision does not bind EESL in any way from proceeding against the supplier (including forfeiture of EMD, cancellation of the LOA, etc.) for noncompliance towards non-submission of the CPG/SD. In case of continuous delay/project requirement, at EESL's sole discretion, EESL may resort to cancellation of the award as provided for in the terms and conditions of the Tender.

Bank guarantee shall be from any Nationalized Banks/other scheduled private banks as per list given in Section 6. EESL shall at his discretion have recourse to the said Bank Guarantee for the recovery of any or all amount due from the bidder in connection with the contract including of guarantee obligations.

Failure of the Successful Bidder to comply with the requirements of Rfp shall constitute sufficient grounds for the annulment of the award and forfeiture of the Contract Performance Guarantee.

This Bank Guarantee shall be effective only when BG issuance message is transmitted by the issuing bank through SFMS to ICICI Bank include unique identifier EESL543840944 in field 7037 of the SFMS cover messages with IFSC Code ICIC0000007.

**BG advising message – IFN 760COV / IFN 767COV via SFMS**

**Bid Document No.: EESL/Lighting/IDC Material/Odisha/2021-22/SLNP/212201075, Date-13/01/2022**

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Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
4.65=fc6d190ec51fe75d9bb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81e7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016





Field Number	Particulars ( to be mentioned in Row 1)
7037	EESL543840944

**7. Quantity Variation:**

EESL reserves the right to change the Division/ULBs to be awarded and for variation in BOQ up to +/- 20% on one or more items subject to total variation in LOA Quantity limited to +/- 20%.

**8. Compliance to EESL's EHSS Policy**

The BIDDER shall necessarily comply with EESL's EHSS (Environmental, Occupational Health & Social) policy as applicable to Street Light National Program and any further modification(s)/addition(s) to EHSS policy. The existing policy may be referred at <https://eeslindia.org/content/raj/eesl/en/EESL-Policies.html>

**9. Documentation:**

File names of all the documents submitted in soft form shall contain the topic of the subject document.

**10. Contract Agreement:**

You shall submit contract agreement on Rs. 100 stamp paper (two copies) within 28 days from the receipt of LOA to Contract's Dep't.

**11. Price Basis:** To be quoted as Firm at FOR Destination Basis. Prices are inclusive of all duties as applicable and exclusive of GST.

- EESL reserves the right for quantity variation up to +/-20%.
- Further, EESL reserves the right to place a repeat order in case of urgency for part quantity in the Rate Contract for similar work on same prices, terms and conditions.
- Cost of Tender/Bidding Documents / Tender Fee: Interested bidders may view the tender documents at <https://eesl.eproc.in> or could be viewed after following the link of 'e-Tendering' on EESL home page, i.e. <http://eeslindia.org> from where the registered vendors [registration process is explained at EESL home page in "E-tendering" section] with EESL will be able to download the tender documents and submit their bids online.
- The tender submission, tender closing and opening will be done electronically and online.
- EESL will not be responsible for any delay, loss or non-receipt of Tender Document Cost sent by post/courier. The instrument should reach in original to EESL office before the Bid Opening date. Bids not accompanied with the requisite tender document cost may not be opened.

**12. Bid Security/Earnest Money Deposit (EMD):**

Amount of Bid Security – As mentioned in Section-1

The bidder shall furnish, as part of its bid, a bid security in a separate envelope. The bid security shall, at the bidder's option, be in the form of a Banker's cheque, Demand Draft in favor of "Energy Efficiency Services Limited" or a bank guarantee as per format at Attachment 2 of Section-6. Bid security/EMD shall remain valid



for a period of 45 days beyond the original bid validity period of 180 days, i.e. 225 days from date of bid opening. If there is any extension in bid validity period, then EESL/SNA may ask the bidder to extend the validity of bid security. The details of EMD instrument has to be submitted in relevant field/column of online module. Tenders without Earnest Money Deposit is liable to be rejected. It should be ensured by the bidder that the original DD/ BG is received by EESL/SNA before opening time of techno-commercial bids for verification of the details of DD given online by the bidders. The tender submission, tender closing and opening will be done electronically and online. EESL will not be responsible for any delay, loss or non-receipt of Tender Document Cost sent by post/courier. The instrument should reach in original to EESL office before the Bid Opening date. Bids not accompanied with the requisite tender document cost may not be opened. The bid securities of unsuccessful bidders will be returned as promptly as possible after the award is made to lowest evaluated technically acceptable bidder. The bid security of the successful bidder will be returned when the bidder has signed the contract agreement, and has furnished the required performance security/CPG/BG to the respective SNA.

The bid security may be forfeited if:

- a) If the bidder withdraws its bid during the period of bid validity as specified in the bid.
- b) If the bidder does not accept computational/arithmetical error correction made by EESL and as explained in “Financial Evaluation” section of the Bid/ RFP document.
- c) If the bidder does not accept assumptions, estimations etc. used for evaluation of bids as specified by EESL in tender documents and revision of his bid accordingly, in case other assumptions are used. If the bidder does not accept the sharing as specified in the bid.
- d) If the Bidder refuses to withdraw, without any cost to the EESL, any deviation not listed in Attachment-5 of Section-6 but found elsewhere in the bid; or In the case of successful bidder, if the bidder fails within the specified time limit:
  - To sign the contract agreement within 15 days of placement of LoA.
  - To furnish the required performance guarantee, in accordance with the tender document.

### **13. Pre-bid conference:**

There is no pre-bid conference for this tender, as the material is required on urgent basis.

### **14. For Start-up firms & MSEs relaxation will be given in this tender as per Clause No. 2.4 of Section 2 of this tender.**

\*\*\*\*\*



**ANNEXURE-I**

**(Price-Bid)**  
**(for Reference Purpose Only. Please fill it online at only)**

**Name of work: “Design, Manufacture, Supply, Testing, Installation of LED Street Light and IDC Material (including Transportation, loading & Unloading) suitable to develop dedicated Street Lights phase wire infrastructure in ULBs of Odisha State under SLNP along with 4-year on-site warranty & maintenance of the Developed Infrastructure.”**

Sr. No.	Description of Work	Proposed Quantity (Nos.)	Unit of Measurement (UOM)	Base price per unit exclusive of GST (IGST/ SGST/ CGST/ UGST) on F.O.R Destination Basis (in Rs.)	Total price exclusive of GST (IGST/ CGST/ SGST/ UGST) FOR Destination Basis (in Rs.) In words
1	2	3	4	5	6= 3*5
<b>Part-A</b>	<b>Installation of LED Street Lights</b>				
A	Dismantling, installation & commissioning of LED streetlights.	19160	Per Light		
	<b>Total Part-A</b>				
<b>Part-B</b>	<b>Design, Manufacture, Testing, Supply, Lying &amp; Installation (including Packing &amp; Forwarding, Transportation, Transit Insurance, loading &amp; Unloading) of following IDC materials suitable to develop dedicated Street LightsPhase wire infrastructure.</b>				
B.1	Supply of 8mt Steel tubular pole including accessories.	1088	Nos.		
B.2	Supply of ISI Marked AB Cable (2 Core 25 Sq.mm Al cable + 25 sq.mm bare Al messenger wire) XLPE insulated.	480	Per Km		

B.3	Supply & Installation of Piercing Connector with suitable size of cable.	28,804	Nos.		
B.4	<b>Supply &amp; Installation of</b> Suspension Clamp at suitable size of cable.	13,442	Nos.		
B.5	<b>Supply &amp; Installation of Galvanized</b> Pole mounting Clamp for HT/LT AB Cable.(40*3)	14,402	Nos.		
B.6	<b>Supply &amp; Installation of</b> Eye Hook for Fixing of Pole Clamps.	14,402	Nos.		
B.7	<b>Supply &amp; Installation of</b> Dead & Clamp/AnchorClamp Assembly 25mm to 95mm (Excl. pole Clamp & Eye Hook).	960	Nos.		
B.8	Pole Painting & Erection including civil work, as per IS standard	1088	Nos.		
B.9	Lying of ISI Marked <b>AB Cable (2 Core 25 Sq.mm Al cable + 25 sq. mm bare Al messenger wire)</b> XLPE insulated.	480	Per Km		
B.10	Maintenance free Earthing of each Tubular pole as per latest IS standard	1088	Nos.		
B.11	Pole Numbering	19160	Nos.		
<b>Total-Part B (B1 to B11)</b>					
<b>Part-C</b>	<b>Operation &amp; Maintenance of the developed dedicated Street Lights Phase Wire infrastructure for 4 Years.</b>				

**Bid Document No.**

Signature :-  
 Digitally signed by EESL, DN: cn=EESL, o=ENGINEER TECHNICAL, ou=ENERGY EFFICIENCY SERVICES LIMITE  
 4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
 f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
 D, C=IN  
 User ID : rkumar  
 Serial No : 1451016

**EESL Lighting/IDC Material Odisha/2021-22/SLNP/212201075, Date-13/01/2022**

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C	Comprehensive Operation & Maintenance along with on-site warranty of complete BoQ material/works as per the scope of work defined in tender document (i.e., complete developed infrastructure) for a period of 48 Months / 04 Years.	48 Months (For all Material/works of Part (A+B+C+D))	Per Month (For all Material/works of Part(A+B+C+D))		
	<b>Total Part C</b>				
	<b>Grand Total (Part-A +Part-B +Part-C)</b>				

**Other terms and conditions: -**

1. The Bidder shall indicate in the Price Bid, the unit prices in ₹(INR) and total Bid prices of the Goods & Services in the prescribed format only. Bidders shall quote for the complete requirement of Goods and Services specified under the Contract on a single responsibility basis, failing which such Bids will not be taken into account for evaluation and will not be considered for award.
2. Participating bidders taking cognizance of the scope of work shall quote the prices accordingly.
3. If there is a discrepancy between words and figures, the amount written in words will prevail.
4. The above prices are exclusive of GST but prices are inclusive of inland transportation including loading/ unloading and transfer to Site, insurance, P& F Charges and other costs incidental to delivery and exclusive of unloading charges.
5. The bidder shall submit PAN and GST Registration Certificate in support of claim of GST.
6. **Please note that selection of the bidder will be done on the technically acceptable and overall L-1 (Lowest One) price basis i.e., Grand total of (Part-A +Part-B +Part-C). Bidder should quote for complete scope of work as defined above.**
7. "Payment for maintenance of Part-B of price bid table shall be made for actual installed quantity on pro-rata basis."
8. Prices will remain firm till the execution of the contract and nothing shall be payable extra apart from the prices quoted above.
9. The Warranty & Maintenance will be started after the issuance of completion letter for Installation/erection of phase wire as per BOQ.
10. **Bidder to note that the AMC cost (Part-C) shall not exceed the ceiling limit of 3% of the project cost/per year. If during execution, the AMC cost exceeds 3% then the bidder will be paid 3% of the project cost or actual cost incurred by the bidder considering LoA prices whichever is lower. If 3% of the project cost is lower than the LoA prices, consent of the bidder will be taken prior to certification of Bill by EIC for AMC payment of particular Month. Project Cost may be suitably assumed by the bidder considering the BoQ of the tender and market prices available with them and other related parameters (labor rates etc.) while quoting for AMC prices. Bidder to take cognizance of the above and quote accordingly.**

If during evaluation, the quoted price of AMC is found to be on the higher side, then EESL reserves the right to negotiate the prices of AMC so as to maintain the ceiling limit. Even after award, such ceiling limit has to be monitored by EIC on monthly basis and ensure that the ceiling limit is not breached at any point of time. This must also be ensured during certification of monthly running bill payment of AMC cost.

11. **Note: No Deficient Documents/Clarification shall be called. Bidder shall ensure that their bid is complete in all respect and all the documents as asked in the tender document are submitted under respective envelope. It shall be sole responsibility to the bidder to carefully examine the tender document and submit all the documents asked in the tender.**
12. **Note: In case the price quoted by a bidder for the bottom total of individual line items is found to abnormally low price or abnormally high price then EESL reserves the right to ask for more details justifying the cost projected and if found to be unsubstantiated then EESL reserve the right to reject any such bid.**

I/We have read all the terms and conditions of the RfP/IFB/NIT and the Annexure(s) thereto and agree to accept and abide by the same in total. The above quotation has been prepared after taking into account all the terms and conditions of the RfP/IFB/NIT.

**Bid Document No. EESL/Lighting/IDC/Material/Odisha/2021-22/SLNP/212201075, Date-13/01/2022**

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Signature :-  
4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkumar  
Serial No : 1451016





(SEAL)

Signature of Tenderer or

Their Authorized Representative: \_\_\_\_\_


Dated:

Name & Address of Tenderer:

\_\_\_\_\_  
Phone No: \_\_\_\_\_

Fax no.: \_\_\_\_\_

Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b98I  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID:rajkamal  
IP:192.168.1.104

 Bid Document No. EESL/Lighting/IDC Material/Odisha/2021-22/SLNP/212201075, Date-13/01/2022

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<b>SPECIFIC CONFIRMATION BY VENDOR</b> <b>Note: Please submit the below table duly filled, signed and stamped along with your Un-Priced Techno-Commercial bid</b>		
Sr. No	Description	Remarks
1.	Payment Terms – As per SCC clause no. 1.0	Agreed
2.	Bidders should have financial and technical capabilities to execute the Scope of Work as specified in the RFP.	Vendor to give their acceptance along with supporting documents
3.	For the purpose of this tender, successful bidder needs to provide name, address, mobile no., email addresses, designations of at least 3 Senior Nodal Officers (Regular Employees of their organization), nominated by their top management, who are reachable through any means of modern communication and who shall be accountable to deliver the products and associated services to EESL as per the tender.	To be indicated
4.	Any entity which has been barred by the Central Government or Central PSUs, from participating in any bid, and the bar subsists as on the Bid Due date, would not be eligible to submit a Bid. Necessary declaration to this effect has to be given by the bidder as per format in the tender form.	Vendor to give a declaration on its letterhead pad.
6.	EESL reserve the right for quantity variation up to +/- 20%. Further EESL reserve the right to place a repeat order in case of urgency for part quantity in the Rate Contract for similar work on same prices, terms and conditions.	Agreed
7.	EESL shall give preference to domestically manufactured IDC components for street light phase wire Suitable for ULBs of Odisha in all aspects. (AB Cable should be ISI marked).	Agreed
8.	Bidder should confirm their readiness to supply as per supply schedule. Mentioned at Clause-21 of Section-4, within one day of time from the issuance of LOA/Purchase Contract and rest of the quantities as specified by EIC as per the timelines brought <b>under Clause 2 of Scope of Work (Completion period for Supply and contract validity period).</b>	Vendor to give a declaration on its letterhead pad.
9	HSN/ SAC Code for the respective items	Bidders need to mention
10	Invoice Location to be indicated from where the supplies shall commence	Bidders need to mention

**Note:**

All the required documents must be properly annexed and submitted with the confirmation as mentioned above.

Signature :-  
 Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
 d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
 4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
 f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITED

**Technical Specifications****(i) General Requirement:**

All materials required to complete the work as per the Specification & drawings/design approved by the Nigam/EESL etc. must be manufactured and supplied using fresh raw materials. Re-molded, re-circulated materials are not acceptable to EESL. The required material /equipment's shall be purchased only from established/reputed manufacturer/firms as approved by UDD/MNN/Odisha Discom and who have supplied or supplying to any of the Electricity Board of Odisha and other power utilities. However, such suppliers should have the required material duly type tested (not older than one years) for the type, design and guaranteed technical particulars as specified / required in terms of Nigam's specification and order. The contractor shall also be required to furnish requisite type test reports of the material and get such vendors / suppliers approved from the purchaser before commencement of supply of ordered material. The procurement of 08 materials must be made by the contractor directly from such manufacturers or through their authorized dealers / distributors. Documentary evidences to this effect are to be made available to EESL for necessary checks verification of source of supply of materials. Second hand materials / partially used materials / used materials are not acceptable. Further, the work shall be carried out strictly as per prevailing norms design, drawing, technical specifications, practice adopted in the Nigam for the same nature of work Whether mentioned or not, all the items included in the 'Schedule shall conform to latest technical specifications adopted by MM wing of the Nigam/EESL or latest relevant IS / B.S.S or any other code as prescribed by the Nigam for its works. In case any dispute arises, the current specifications, practice, norms, approved design and drawings of Nigam/EESL shall prevail.

**1. Type, Design & Particulars:**

The material/equipment's to be utilized in execution of awarded work shall be of type, design and particulars mentioned in this specification and as per latest technical specifications of MM wing of Nigam or conforming to latest & relevant IS / BSS and approved design & drawings of the Nigam. The bidder is also required to use important material/ equipment only of the 'Make /Brand' as specified in 'G' schedule and in this technical specification. The technical specifications of major items used in proposed work. If required, could be made available to the bidder for reference on his specific request. The guaranteed technical particulars of individual items are given in the schedules attached here to which shall be accepted and confirmed by the bidder in his bid. Some Minor changes in guaranteed technical particulars may require to be made at a later stage due to changes modifications in the specification followed by MM wing of UPPCL and the same shall be acceptable to the bidder. The material whose particulars might not have been specified in this specification, should be of type and design, having technical parameter as per relevant ISS and being procured by MM wing of this Nigam.

**TECHNICAL SPECIFICATIONS FOR SUPPLY OF AERIAL BUNCHED CABLE) AB Cable 2 Core 25 Sq.mm Al cable + 25 sq. mm bare Al messenger wire (HAVING XLPE INSULATED LT. CABLE WORKING VOLTAGE UPTO 1100VOLTS ALONG WITH ACCESSORIES REQUIRED FOR DRAWAL OF CABLE ON TUBULAR/RCC POLE SUPPORTS**

**1. SCOPE:**

The specification covers design, manufacture, testing before dispatch, transportation, supply and delivery of ISI marked 1100V Aerial Bunched Cable of )AB Cable 2 Core 25 Sq.mm Al cable + 25 sq. mm bare Al messenger wire( having XLPE insulated Cable with stranded compact circular Aluminum conductors twisted over a central bare Aluminum alloy messenger wire conforming to

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IS-14255/1985 with up to date amendments and associated accessories for anchoring, suspending & making connections to Aerial Bunched Cables rated 1100 volts and insulated with cross-linked polyethylene.

## 2. APPLICABLE STANDARDS:

1	IS 14255 : 1995	Specification for AERIAL Bunched Cables for working Voltage up to & including 1100 Volts.
2	IS 8130 : 1984	Specification for Conductors for Insulated Cables.
3	IS 398 (Part-IV)/1994	Specification for Aluminum Alloy Conductor
4	IS 10810	Methods of test for Cables
5	IS 10418/1982	Drums for electric cables
6	IS 7098 part 1/1988	XLPE insulated cables
7	NFC33-020	Insulation piercing connector
8	NFC 20-540	Environment Testing for Outdoor
9	NFC 33-004	Electrical Ageing Test
10	NFC 33-040	Suspension Equipment's
11	NFC 33-041	Anchoring Devices
12	NFC 33-003	Corrosion Resistance
13	NFC 20-540	Climatic Ageing
14	IS 2486 Part 1	Metal Fittings of Insulators Upto 1100 volts
15	ASTM A 480/Equivalent Stand.	Stainless Steel (if Required)
16	IS 617/1994 (with latest amend.)	Corrosion Resistance for Al alloy
17	IS 2629 (with latest amend.)	Hot Dip galvanizing of Iron & Steel
18	IS 2633 (with latest amend.)	Testing uniformity of coating of zinc
19	REC Specification/Standard	AB Cable & all its accessories

\*Note: All BoQ material is to be as per their applicable latest Standards or equivalent standards

## 3. RATED VOLTAGE:

The rated voltage of the AB cables shall be 1100 volts

## 4. CLIMATIC CONDITIONS

The AB cable and accessories shall be suitable for satisfactory continuous operation under the following Moderately hot and humid tropical climate.

### A. AERIAL BUNCHED CABLES WITH XLPE INSULATION

This specification covers the requirement of ISI marked Cross linked Polyethylene insulated (XLPE) Aluminium cables twisted.

Designation and Size:

**(AB Cable 2 Core 25 Sq.mm Al cable + 25 sq. mm bare Al messenger wire)**

The first part of the designation refers to the number & size (nominal cross section area) of the phaseconductor & the last part to size of the bare AAA messenger.

### GENERAL:

The insulated phase conductors shall be twisted around the bare Aluminum alloy messenger wire, which shall take all the mechanical stress. The messenger wire shall also serve as the earth cum- neutral wire.

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## 1. AB CABLE:

- 1.1 The 25 Sq.mm phase conductor shall be of Aluminum round stranded and compacted (The flexibility is as per IS-8130-1984 Class-II), 25 Sq.mm messenger wire shall be round stranded and suitably compacted and outer diameter shall be within the limits specified in Annexure-I.
- 1.2 The phase conductors shall be insulated with black weather resistant Cross linked Polyethylene (XLPE) suitable to 1100 V insulation. The insulated conductors shall generally conform to the applicable standards quoted in clause 2.
- 1.3 The aerial bunched conductors should be easily distinguishable till full length by either adapting insulation cover of different colours or by providing a colour marking on full length.

## 2. CONDUCTORS:

- a. The phase/street lighting conductor shall be provided cross linked poly ethylene insulation applied by extrusion. The thickness of insulation shall not be less than 1.2 mm up to 35mm<sup>2</sup> and shall not be less than 1.5 mm for above 35mm<sup>2</sup> at any point and insulation shall be so applied that it fits closely on the conductor and it shall be possible to remove it without damaging the conductor. The insulated conductors shall generally conform to the standards IS-14255:1995.
- b. The phase & street lighting conductor shall be of H2 or H4 grade Aluminum and the power/outer insulated neutral/street lighting conductors shall conform to flexibility class-2 complying with the requirements of IS: 8130:1984.
- c. The phase/street lighting conductor shall be provided with one, two & three ridges for easy identification.
- d. The tensile strength of the Aluminum wire used in the conductor shall not be less 90 N/mm<sup>2</sup>.
- e. The standard size and technical characteristics of the phase conductors shall be as shown in the Table-1.

**TABLE-I**

Nominal Sectional area in mm <sup>2</sup>	No. of Strands	Diameter of Compacted conductor in mm	Approx. Mass Kg/KMs.	Max. DC Résistance at 20°C (Ohm/km)	Insulation Thickness in mm
25	7	5.6	65	1.2	1.2

NOTE:

- The resistance values given in col.5 are the max. permissible.
- Tolerance of +/- 5% is allowable on dimension.

## 3. MESSENGER WIRE:

- 3.1 The bare messenger wire shall be of Aluminium alloy generally confirming to IS-398/Pt. IV/94 composed of 7 strands (each of 2.34 mm) and shall be suitable compacted or stranded to have smooth round surface to avoid damages to the overall insulation of phase & neutral conductor twisted around the messenger.
- 3.2 The bare messenger conductor of sizes 25 mm<sup>2</sup> shall be bare heat treated Aluminium-

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magnesium-silicon alloy wires containing 0.5% magnesium and approximately 0.5% silicon confirming to IS: 398 (Part-IV):1994 and its latest amendment, if any.

- 3.3 There shall be no joint in any wire of the stranded messenger Conductor except these made in the base rod or wires before final drawing.
- 3.4 Resistivity sat 20 Deg. C not exceeding 0.0328-ohm Sq. mm/m
- 3.5 The size of the messenger conductor and other technical characteristics of the messenger wire with its breaking load shall be as per IS:14255 given in the following Table No.2.

**TABLE –2**

Nominal Sectional Area in mm <sup>2</sup>	No. of strands	Diameter of Compacted conductor in mm	Diameter of Stranded conductor in mm	Approx. Mass	Tensile Strength not less than	Max .DC Resistance	Minimum Breaking Load (kN)
25	7	5.6	6.42	65	278N/mm <sup>2</sup>	1.38	7

NOTE: while limiting values in col. 3 is to be guaranteed a tolerance of + 5% will be permissible.

#### 4. XLPE INSULATION:

The insulation shall generally confirm to IS: 14255: 1995 & IS-7098 part 1 (with its latest amendments).

The average thickness of insulation shall not be less than the nominal value as mentioned in the table below: -

S No.	Nominal Area of Conductor (mm <sup>2</sup> )	Nominal thickness (mm)
1	25	1.2

The insulation shall be so applied that it fits closely on the conductor and it shall be possible to remove without damage to the conductor. The colour of insulation shall be Black. The XLPE insulation parameters should conform to IS: 14255: 1995 mentioned in table below. The insulation shall be stabilized against deterioration caused by exposure to direct sunlight & UV radiation

Sr. No.	Property	Requirement
1	Tensile Strength	12.5 N / mm <sup>2</sup> Min
2	Elongation at break	200 % Min.
3	Ageing in air over	
a	Treatment: Temperature & duration	135 ± 3°C & 7 days
b	Tensile strength variation	± 25% Max.
c	Elongation variation	± 25% Max.
4	Hot Set	
a	Treatment temperature,	200 ± 3°C,
	Time	15 minutes
	Under load, mechanical stresses	20 N /cm <sup>2</sup> .
b	Elongation under load	175 % max.

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c	Permanent elongation (set) after cooling	15 % Max
<b>5</b>	<b>Shrinkage</b>	
a	Treatment temperature duration	130 ± 3°C For 1 hour
b	Shrinkage	4% Max
<b>6</b>	<b>Water absorption (Gravimetric)</b>	
a	Treatment– Temp.	85 ± 2°C
	Duration	14 days
b	Water absorbed	1 mg. / cm <sup>2</sup> max.

## 5. Type Tests:

### a. Test for Phase/Street Light Conductors

- (i) Tensile Test (IS-8130)
- (ii) Wrapping Test (IS-8130)
- (iii) Conductor Resistance Test (IS-8130)

### b. Test for Messenger:

- (i) Breaking load test (to be made on finished conductor) -(IS-398/ Pt. IV/ 1994 with latest revision).
- (ii) Elongation test (IS - 398 / Pt. IV/1994)
- (iii) Resistance test (IS - 398 / Pt. IV /1994)
- (iv) If insulated, the test of insulation as per relevant IS will be applicable

### c. Physical test for XLPE insulation.

- (i) Tensile strength and Elongation at break
- (ii) Ageing in air oven
- (iii) Hot set test
- (iv) Shrinkage test
- (v) Water absorption (Gravimetric)
- (vi) Carbon black 1. Content & 2. Dispersion

### d. Test for thickness of insulation

### e. Insulation Resistance (Volume Resistivity) Test

### f. High Voltage Test

**Note: The Bidder should submit the entire above type test of “Govt. of India” approved Laboratory along with their offer.**

### g. Bending test on the completed cable:

Bending test shall be performed on a sample of complete cable. The sample shall be bent around a test mandrel at room temperature for at least one complete turn. It shall then be unwound and the process shall be repeated after turning the sample around its axis 180°. The cycle of this operation shall be then repeated twice.

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The diameter of mandrel shall be 10 (D+d).

Where

D = Actual diameter of cable (i.e. the min. circumscribing diameter in mm) d = Actual diameter of the phase conductor in mm

No cracks visible to the naked eye are allowed.

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## 5. ACCEPTANCE TESTS:

Tests for Phase / Street Light Conductors:

- (i) Tensile test (for Phase / Street light conductor)
- (ii) Wrapping test (for Phase / Street light conductor)
- (iii) Breaking load test for messenger conductor
- (iv) Elongation test for messenger conductor
- (v) Conductor Resistance test
- (vi) Test for thickness of insulation
- (vii) Tensile strength and elongation at break test
- (viii) Hot set test (For XLPE insulation)
- (ix) Insulation Resistance test
- (x) High voltage test

## 6. PACKING MARKING:

6.1 The LT AB cable shall be wound in nonreturnable drums conforming to IS-10418/1982 Specification for Reels and Drums for bare wire of the latest version thereof. The drums shall be marked with the following:

- i. Manufacturers name or Manufacturers name along with EESL
- ii. Trade mark if any
- iii. Drum number
- iv. Size of Conductor
- v. Size of Messenger
- vi. Voltage grade
- vii. Number of lengths of pieces of Cable in each drum
- viii. Gross mass of the packing
- ix. Net mass of Cable
- x. ISI mark
- xi. PO Number & Date
- xii. Direction of rotation of drum (by means of an arrow)
- xiii. Nominal cross section area of phase/Neutral/streetlight conductor for the cable.

6.2 The drums shall be of such a construction as to assure delivery of conductor in field free from displacement and damage and should be able to withstand all stresses due to handling and the stringing operation so that cable surface not dented, scratched or damaged in any way during transport and erection. The cable shall be properly lugged on the drums

6.3 The cable drums should be suitable for wheel mounting.

## 7. STANDARD LENGTH:

The standard length of drum will be 1000 meter & 2000 meter with  $\pm 5\%$  tolerance and shall be intimated as per requirement.

2000 meter: 60% of BoQ quantity

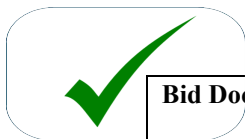
1000 meter: 40% BoQ Quantity

### Non-standard Length:

Non-standard length not less than 50% of the standard length shall be accepted to the extent of

10% of the ordered quantity

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**8. INSPECTION:**

The Cable shall be inspected at Bidder's works before dispatch as per IS-7098/2011(with upto date amendments) & IS 14255/1995. All the acceptance tests embodied in the above shall be performed by the Inspecting Officer. The Bidder shall arrange without making any extra charges with all the necessary machinery, apparatus and Labour requirement for the testing purpose. The Cable requirement for testing shall be to Firm's Account.

**9. TYPE TEST CERTIFICATES:**

The duly attested copy of Type Test Certificate of the offered sizes of AB cable, as per IS: 14255/1995 with latest amendment/revision be submitted from any Govt. laboratory or from a NABL accredited laboratory along with the offer. Type Test Certificate shall not be more than Five Years Old from Date of supply.

However, if the same are not available at the time of bidding, the same may be submitted after order but before commencement of supply.

In case, the bidder is not able to submit the Type Test Certificate from any Govt. laboratory or from a NABL accredited laboratory for any size of cable, the same shall be conducted by the bidder free of cost without any additional financial liability on utility.

**10. SUBMISSION OF ISI LICENSE FOR IS 14255:1995:**

The Bidder are required to submit duly attested photo copy of the valid ISI License up to the date of delivery for supply of these AB cables/wires and they should also submit GTP failing which, the offer would be ignored.

**11. IMPORTANT:**

In absence of valid ISI License/GTP duly filled in/and copy of type test certificate of Govt. approved Laboratory, duly attested by authorized person, offer will be liable to be ignored without any further correspondence.

**12. ISI MARKING:**

The material supplied shall be conforming to Indian Standard Specification and also with ISI marking (only for AB cable) as applicable and even after inspection of the lot, if the materials received at site is found without ISI marking, the lot shall be rejected and no further correspondence shall be entertained in this regard.

Exact details of marking/embossing, color of outer sheath etc. will be as per the detailed LoA or purchase order.

**13. SAMPLING:**

- i. In any consignment the cables of the same size manufactured under essentially similar conditions of production shall be grouped together to constitute a lot.
- ii. Samples shall be taken and tested from each lot for ascertaining the conformity of the lot to the requirements of the specification.
- iii. The number of drum (n) to be selected from the lot of drums (N) of consignment of cables shall be in accordance with the following Table. The samples shall be taken at random. Suitable length of test sample shall be taken from each of the drums selected. These test samples shall be subjected to each of the acceptance tests. A test sample shall be called defective if it fails in any of the acceptance tests. If the number of defectives is less than or equal to the corresponding permissible number.
- iv. The lot shall be declared as conforming to the requirements of acceptance tests, otherwise not.

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No. of Drums in the Lot (N)	No. of Drums to be taken as sample (n)	Permissible no. of defect
Up to 50	2	0
51 to 100	5	0
101 to 300	1 3	0
301 to 500	2 0	1
above 500	3 2	2

### **B. Insulation Piercing Connectors, Anchor (Dead End) & Suspension Accessories & Other Accessories for Aerial Bunched Cables for Working Voltage upto and including 1100 Volts**

The Accessories of LT XLPE Insulated Aerial Bunched Cables (ABC) with bare messenger cum neutral are specified below:

- Since ABC accessories are to be used with bare neutral-cum-messenger, their design should incorporate specific features to prevent damage to the insulation of the other core of AB cable which meeting the required electrical, mechanical & thermal requirements.
- All mechanical, electrical & thermal ratings should meet or exceed 90% of the corresponding ratings of the cable, or the values specified herein, whichever are more stringent.
- The accessories shall be for use in moderately hot and humid tropical climate, conducive to rust and fungus growth.

### **B.1. THE ABC ACCESSORIES**

The Devices shall also be compatible with the cables of sizes & dimensions as defined in the Cable Specifications for the cables with which they are intended to be used.

The ABC Accessories shall consist of the following:

Sl. No	Description	Application
1.	Insulation Piercing Connectors	For making Tee/Tap-off/Service connectors to an ABC/Bare Overhead Line.
2.	Dead End Clamp/Anchor Clamp Assembly	For fitting onto a pole for anchoring the end of a length of ABC, or for a major change in direction.
3.	Suspension Clamp	For supporting a length of ABC at an intermediate pole in a length, with small angle of deviation.
4.	Eye Hook	To hold suspension clamps and Dead end clamps and to be installed with the pole clamp
5.	Pole Clamp	To hold Eye hooks by two nut bolts on the poles.
6.	Water Proof Pre-Insulated Hexagonal Compression Connector	for Joining XLPE insulated Conductor of 25mm

**\*For above specified items, sets of samples will be select at random from the offer lot. All the**

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samples will first subject to examination for workmanship for dimensional check-up as per drawings within tolerance limits and also with respect to GTP submitted and which may further subject to various routine/acceptance tests/Quality test etc. as per applicable IS.

## 1. Insulation Piercing Connectors (IPC)

- Insulation Piercing Connectors (IPC) are used for making Tee/Tap-off/Service connectors to an ABC/Bare Overhead Line.
- Insulation Piercing Connectors are designed to make a connection between the uncut main conductor and a branch cable conductor without having to strip either cable to expose the conductor instead the tightening action of the IPC will first pierce the Insulation, then make good electrical contact between the main end and branch conductor while simultaneously insulating and sealing the connection.
- The IPC should conform to the standard NFC 33020 or equivalent I.S. if any.

### 1.1. Constructional Features of IPC

- The housing shall be made entirely of mechanical and weather resistant plastic insulation material and no metallic part outside the housing is acceptable except for the tightening bolt.
- Any metallic part that is exposed must not be capable of carrying a potential during or after connector installation.
- Screws or nuts assigned for fitting with IPC (Insulating Piercing connector), must be fitted with torque limiting shear heads to prevent over tightening or under tightening (min & max torque values to be specified by Manufacturer).
- The IPC must perform piercing and connection on Main and Branch cable simultaneously.
- The IPCs shall be water proof and the water tightness shall be ensured by appropriate elastomer materials and not by grease, gel or paste alone.
- Design of IPC should be such as to not cause damage to insulation of adjacent conductors due to vibration and relative movement during service.
- The connector shall have a rigid removable end cap which can be slide fitted onto the main connector body on either right or left by the installer (depending on site requirement) for sealing the cut end of the branch cable. Once the connector is fitted, it should not be possible to remove the cap without removing the connector.
- All the metallic parts of the connector should be corrosion resistant and there should not be any appreciable change in contact resistance & temperature after overloads & load cycling.
  - The contact plates should be made of tinned copper/Aluminium alloy.
  - Connector teeth should be factory greased & sealed to retard water or moisture ingress & corrosion.
  - The Insulation material should be made of weather & UV resistant reinforced polymer.
  - The outer metallic part should have potential free tightening bolts to allow safe installation on live lines.

#### 1.1.1 Mechanical Tightening and Electrical Continuity

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- i. Connectors shall be tightened upto 70% of the minimum torque indicated by the Manufacturer. At this torque electrical contact should have occurred between conductors to be joined. Then connectors shall be tightened up to the breakdown of the shear heads and lastly, upto 1.5 times the maximum torque indicated by the manufacturer.
- ii. For the connector fitted with two screws on the same core, after the breakdown of the shear heads tightening may be carried out manually and alternatively using a torque meter. The test conditions shall be as close as possible to those defined for the use of the test machine as per NF-C standard.
- iii. At 1.5 times the maximum torque indicated by the manufacturer, there shall be no breakdown of any part of the connector or the core conductor.
- iv. Maximum rated torque shall not exceed 20 Nm for conductor <95 sq.mm and 30 for >95 but <150 sq.mm.
- v. Tightening screws shall have hex. Heads of 8 mm/10 mm/13 mm only.

### 1.1.2 Effect of Tightening on Main Core of IPC

- i. The connector shall be fitted approx. at the Centre of the main core, which is secure between two anchoring points 0.5 mtr. To 1.5 mtr. apart. At the time of fitting the connectors, the main core shall be under longitudinal tension at 20% of the load indicated in Table-1:

Table-1	
Nominal Cross – section (sq.mm.)	Tensile Strength (Newton)
16	1200
25	1800
35	2500
50	3500

- ii. Tensile strain shall be increased to the full value indicated in the Table 1 and held minute. There should be no breakdown of the core conductor.

### 1.1.3 Effect of Tightening on Branch Core of IPC

- i. Test specimen shall be made up as in clause 2.1.2 except that this shall be do the smallest cross sections of main and branch conductors within its range.
- ii. An increasing tensile load shall be applied to the Branch Conductor along the axis of the recess for the Branch cable. Load shall increase at 100 – 500 N/minute until it reaches the value specified in the Table 2 below and maintained for 1 minute.

Table-2
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Nominal Cross – section (sq.mm.)	Tensile Strength (Newton)
16 (Alu.)	290
25	450
35 & above	500

- iii. No slippage or breaking of conductor shall occur.

#### 1.1.4 Dielectric & Water Tightness Test of IPC

- The connector is tightened up to the minimum torque indicated by the manufacturer.  
Connectors are mounted on  
Minimum cross section of main core.  
Maximum cross section of main core.  
In each case Branch is of minimum cross section.
- Protection caps for the branch cable are to be used in accordance with the requirements of clause 2.1.vii. An additional water tight cap of any design may be used to seal one end of the main cable if it is immersed under water. No additional gel or any protection is to be provided while installing connector.
- The entire assembly shall be immersed at a depth of approx. 30cms. For 30 minutes with the free ends of main and branch cable out of the water.
- An AC voltage of 6 kV shall be applied between the water bath and each of the cores in turn for 1 minute. There shall be no flashover or electrical tripping with a trip setting of 10 mA + 0.5mA.

#### 1.1.5 Electrical & Ageing Test of IPC

- Two test configurations are used according to Table 3 with the connections tightened to the minimum torque specified by their manufacturers and resistance recorded.

Table - 3		
Configuration	Main core cross section	Branch core cross section Tensile Strength (K.N)
1st Configuration	Maximum	Maximum
2nd Configuration	Maximum	Maximum

- The configurations are subjected to 200 heat cycles by injecting suitable current into them. In each cycle the temperature of the conductor shall be raised from ambient to 120 + 5°C as, measured by a thermocouple.
- The duration of each heating cycle is chosen to maintain a sufficiently steady temperature of 120 + 5°C for 15 minutes. The duration of each cooling cycle is chosen to bring the conductor temperature to within 2°C of ambient.
- Nominal heating current is indicated in the Table-4. It shall be permissible to accelerate the temperature rise by using a current up to 1.5 times the nominal current and to accelerate the cooling period by use of a fan or air blower.

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Table-4	
Nominal Cross – section (sq.mm.)	Nominal Heating Current (A)
25	139

- v. The over current test of Clause 2.1.6 shall be done after 50 cycles if the connector is a safety connector designed to ground a phase connector while the line is being worked on.
- vi. At the end of the 200 cycles the resistance shall again be measured. It shall not differ from the initial value by more than 12%.

### 1.1.6 Over Current Test of IPC

- i. Over current test is required to establish the performance of Safety Connectors that are intended to provide a safe path to ground for the phases while the line is de-energized for working. It establishes the performance of the connector under short term over load conditions.
- ii. After the first 50 cycles of clause 2.1.5, the connectors are subjected to 4 over currents of 1 sec duration each.
- iii. The conductor temperature at the start of the over current test should be not more than 35°C.
- iv. Current density during over current shall be 100 A/sq.mm for Aluminium and 95 A/sq.mm for Aluminium – Alloy Conductor.
- v. Variation in time of over current is permissible between 0.85 sec & 1.15 sec., provided it maintains the relationship  $I^2t = K$  where,  
 $I$  = rms value of over current in Amps.  
 $t$  = time in seconds  
 $K$  = Constant
- vi. After the over current test the electrical ageing test of clause 2.1.5 shall be resumed.

### 1.2 Type Test of IPC

- i. Type Test Reports should be submitted from an Independent Laboratory of Repute or the Works Laboratory in case of a foreign manufacturer covering the following (on any convenient size of fitting of same design made from the same materials).
- ii. The installation of the connectors shall be done by the laboratory following instructions provided by the manufacturer.
- iii. The Test report shall record the embossing and marking on the connector.
- iv. The following shall constitute Type Tests for IPC:
  - Electrical Ageing Test
  - Dielectric and Water Tightness Test.
  - Mechanical Tightening Test
  - Effect of Tightening on main Core
  - Effect of Tightening on Branch core

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- Over-current Test (if applicable)
- v. The following shall constitute Acceptance Tests for Insulation Piercing Connectors(IPC):
- Visual \*
  - Dimensional (as per SCD and overall dimensions submitted with Tender Offer) \*
  - Electrical Ageing Test \*\*\*
  - Dielectric and Water Tightness Test. \*\*
  - Mechanical Tightening Test \*\*
  - Effect of Tightening on Main Core \*\*
  - Effect of Tightening on Branch Core \*\*

The above tests are to be carried out as per sampling plan below in Table 5:

In case of random failure/defect, double the sample lot is to be drawn and there should be no failure/defect exceeding half the permissible defects (rounded down) shown in the chart.

Lot Size	For tests Marked*		For tests Marked**	
	Sample Size	Max. permissible Defects	Sample Size	Max. permissible Defects
Upto 100	2	nil	2	nil
101 to 1000	6	nil	4	nil
>1001	0.01% subject to min. 6 pieces	0.1% of pieces checked	4	nil

Table 5

\*Insulation Protection should be as per IP 44.

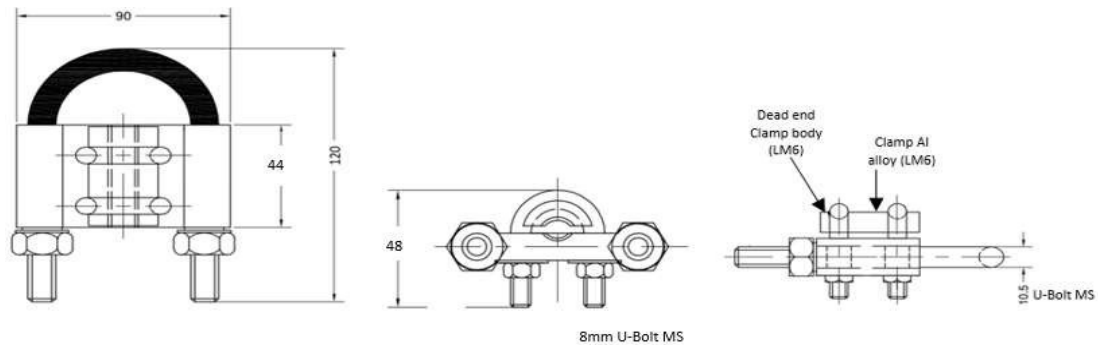
## 2. Dead End Clamp/Anchor Clamp for Bare Messenger:

The clamps should be designed to Anchor LT-AB cable with bare messenger. The clamp should consist of an Aluminium alloy corrosion resistant castled body and with 2U/3U bolts or Dead which shall anchor/hold the neutral messenger without damaging the conductor strands.

- No losable part in the process of clamping arrangement
- The clamp should be installed properly.
- The clamp shall accommodate messenger wires from 25 to 95 sq.mm.
- Clamps should be fixed with pole by Eye hooks
- The clamp body should be made of galvanised steel to the standard IS 2629 & 2633 & wedges should be corrosion resistant Aluminium alloy as per IS 617- 1994 with its latest amendment or any equivalent IS standard.
- All U bolts & nuts should be galvanised steel to the standard IS 2629 & 2633 or equivalent if any.
- Ultimate tensile strength of the clamp should not be less than 20 KN for 25/35 sq.mm messenger wire.
- Slip load of the clamp should not be less than 3 KN for 50/70 sq.mm. messenger wire / 2 KN for 25/35 sq.mm messenger wire.
- Maximum Allowable load of the clamp should not be less than 20 KN.
- Insulation of UV resistant nylon glass filled on black marked U bolt shall be preferable.

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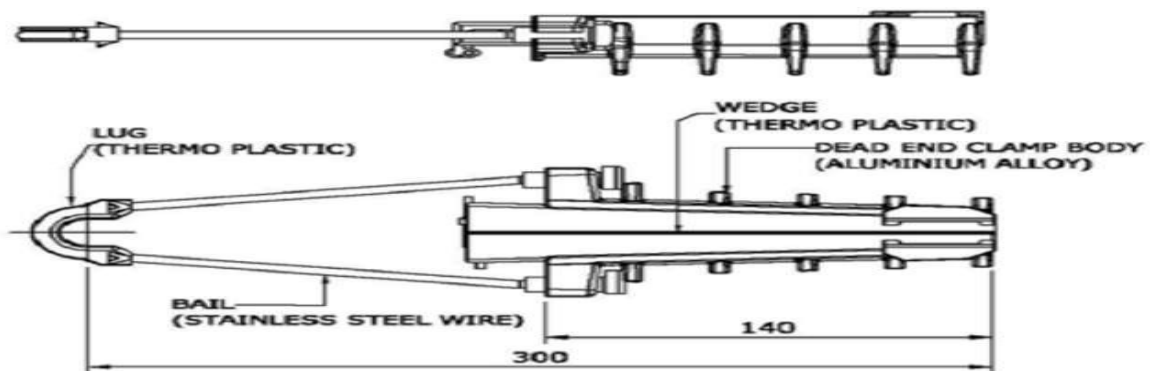
Figure 1:



\*All dimension is in mm & Tolerance:  $\pm 5\%$  for dimensions.

Or

Figure 2:



\*All dimension is in mm & Tolerance:  $\pm 5\%$  for dimensions.

\*Dead End Clamp mentioned in Figure 2 may also be consider.

#### Test Required:

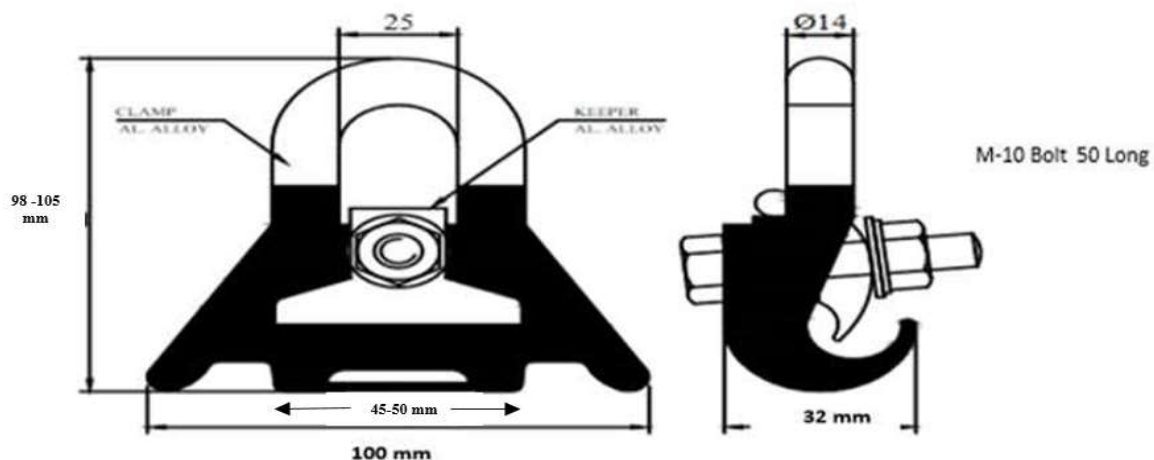
- i. Visual test
- ii. Verification of Dimension test
- iii. Mechanical & Slip strength test
- iv. Galvanizing test
- v. Climatic Ageing test for wedge type dead end clamp
- vi. Voltage test, if required
- vii. Corrosion test & other tests as per applicable standards.

### 3 SUSPENSION CLAMP (FOR BARE MESSENGER)

The clamp should be designed to hang AB cable with Bare messengers. The messengers should be fixed by an adjustable grip device with bolts. A movable link should allow longitudinal and transversal movement of the clamp body.

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- The clamp should be installed properly.
- No losable part in the process of clamping arrangement.
- The clamps are made of high strength aluminium alloy
- The clamp should conform to the standard IS 2629 & 2633 or REC Constr. Standard E-34 or any equivalent standard.
- The clamp body are provided with black weather resistant insulation coating to prevent the insulation of phase conductors from damage due to rubbing against the clamp.
- The suspension clamp is sufficiently flexible to allow free movement at both straight run & angle location.
- The Clamps should be fixed with pole by eye hook.
- The Suspension clamp are suitable to accommodate messenger wires from 25 to 95 sq.mm.
- Movable link fitted to clamp body by M 10 Galvanized Steel Bolt & 50 mm long.
- Ultimate tensile strength of the clamp should not be less than 15 KN at an angle of 90 degrees for 25/35 sq.mm. messenger wire.
- Maximum allowable load of the clamp should not be less than 15 KN for 25/30 sq.mm messenger wire.
- The slip strength of the clamp is 25% of breaking load of messenger cables.
- Compatibility of the clamp against corrosion or wear of rotating /moving parts.
- The clamp should sustain to maximum angle of deviation of 60 degrees of the conductors.



\* $\pm 5\%$  tolerance for dimensions.

#### Test Required:

- Visual test**
- Verification of Dimension test**
- Mechanical Load test**
- Galvanizing test other tests as per applicable standards.**

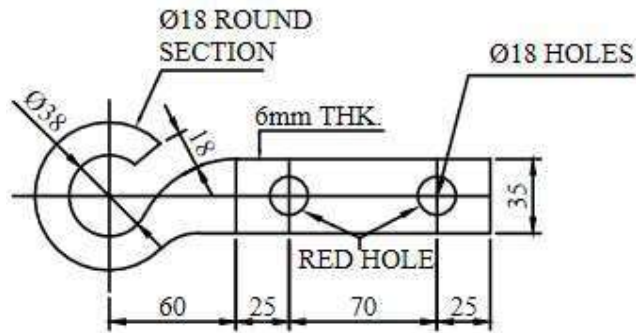
#### 4 Eye Hooks

- Eye hooks should be designed as to hold suspension clamps and Dead end clamps and to be installed with the pole clamp.
- Eye-hooks should be made of forged galvanized steel.

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- It should conform to IS 2062.
- The Eye hook should be corrosion resistance & should conform the standards IS: 2629 & IS.2633 or any equivalent standard.
- Ultimate Tensile strength (UTs) of the clamp should 20KN.
- Insulated Eye Hook (round section) shall be preferred.



**\*35X6 Flat/ Rod Dia □ 18**

(Holes may be change as per Nut/Bolt used).

\*±5% tolerance for dimensions.

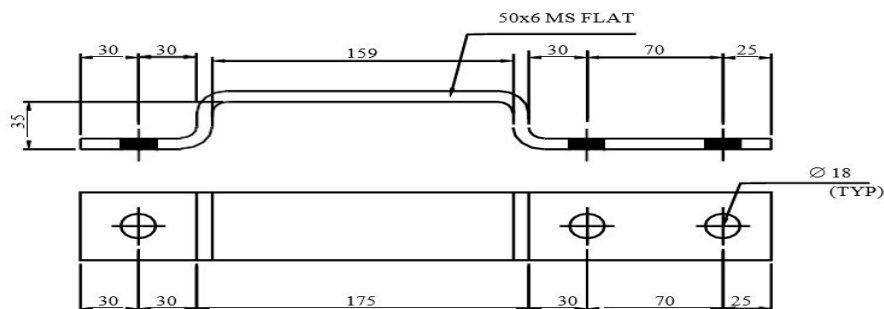
#### Test required:

- Visual test**
- Verification of Dimension test**
- Mechanical Load test**
- Galvanizing test & other tests as per applicable standards.**

#### 5. Pole Clamps

Pole Clamps should be designed as to hold Eye hooks by two nut bolts on the poles: -

- Pole Clamps should be made of MS Flat 50X6 mm and conform to IS 2062.
- It should be hot dip Galvanized as per applicable IS 2629 & 4759 or any equivalent if any.
- The clamps should be corrosion resistance & should confirm to the standard IS: 2629 and IS: 2633 or any equivalent standard.
- Bolt and nuts should be made of hot dip galvanized steel, according to VDE 0210 and VDE 0212 or any equivalent standard.
- Pole clamp should be fitted with 3 No. s of M 14/16 mm hot dip galvanized steel bolt and 50/60 mm long to a pole along with eye hook.



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\* $\pm 5\%$  tolerance for dimensions.

**\*Shape/size & design of pole clamp shall vary as per design of already installed/available poles of different size & shape (Holes may be change as per Nut/Bolt used) but all clamps should be fabricated from 50X6 mm MS Flat and should be hot dip galvanized along with Nut & Bolts.**

**Test required:**

- i. **Visual test**
- ii. **Verification of Dimension test**
- iii. **Galvanizing test**
- iv. **Corrosion test & other tests as per applicable standards.**

**\*Note:**

- Anchoring and suspension clamps should be installable on existing poles using appropriate devices (hooks, pigtails, brackets etc.).
- All crimped connectors should be installed with mechanical or hydraulic hand crimping tools.

**6. Water Proof Pre-Insulated Hexagonal Compression Connector for Joining XLPE insulated ABC Conductor of 25 sq.mm**

- The sleeves should be Pre-Insulated for phases, neutral messengers and street lighting conductors.
- Sleeve should be made of Aluminum, insulated with an Anti-UV black thermoplastic tube hermetically sealed two ends with 2 flexible rings.
- Insulation material made of weather and UV resistant polymer
- Test for water tightness at a voltage of 6 kV for 30 min in a water bath (NFC 33020)
- A colour code of elastomeric sealing ring allows an easy identification of the cross sections.
- Mechanical strength should be minimum of 50% of cable breaking Load.
- Die reference, size and strip length are indicated on the sleeve itself.
- Reference standard: NFC 33020 or equivalent I.S. if any.

**7. TRANSFORMER CONNECTION, if required**

The connection to the transformer should be made with Pre-Insulated lugs for phase and street lighting conductors and with an Aluminum Lug for neutral Messenger. If the Bus- bars-bars are of copper, the Lugs should be preferably Bi-metallic type.

- The Barrel of the lug normally insulated with an Anti-UV black Thermoplastic tube sealed with a flexible ring. Die reference, size and strip length are to be indicated on the plastic.
- Sizes covered 16-70 & upto 150 m2 Aluminium XLPE insulated cable.
- Reference standard NFC 33021 or equivalent I.S. if any.

**8. Qualification Test Reports**

The Qualification Test Report for AB Cable should be from an Independent NABL Accredited Laboratory or from an Govt. approved Laboratory.

Signature :-  
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## 9. Challenge Clause

The material offered/received after the inspection by the authorized Inspecting Officer may again be subjected to the test for losses or any other parameters from any testing house/in house technique of the EESL/Nigam having requisite capabilities and facilities. The results if found deviating/ unacceptable or non-complying to approved GTPs the lot shall be rejected and bidder shall arrange to supply the replacement within ten (10) days of such detection at his cost including to & fro transportation. In addition, any delay in replacement of defective/damage items, a penalty @10% of cost of the inspected lot of material supplied on site may be imposed.

Signature :-  
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**ANNEXURE-1****GENERAL CONDITIONS FOR MANUFACTURE**

The products shall be in accordance recognized standards used in L.T. ABC or equivalent I.S., if any.

Marking	:	AB Cable shall be clearly identified with manufacturer name along with EESL or trade mark, reference and capacity of the item and batch no.
Packaging	:	Manufacturer shall mention the packaging of each item. Installation instructions should be included in packaging.
Type test	:	Each Bidder/Supplier should provide type test reports with the offer, carried out in accordance with one of the reference standards in NABL Accredited Laboratory or Govt. approved Laboratory.
Routine test	:	Bidder/Supplier shall provide a control plan, which will be implemented on each item. Routine test reports should be submitted by the manufacturer with inspection call.
Quality	:	AB Cable supplier/bidder should preferably be ISO-9000 certified <b>Note: AB Cable must be ISI mark</b>
Anchoring & Suspension clamps should be installable on existing poles using appropriate devices (hooks, pigtails, bracket etc.) and Preference shall be given to ISO certified manufacture for items i.e. ABC accessories (Suspension clamp, Anchor clamp, Pole clamp, Piercing connector, eye hook etc.)		
All crimped connectors should be installed with mechanical or hydraulic hand crimping tools.		

Signature :-  
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f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITED

## GUARANTEED TECHNICAL PARTICULAR FORMAT

### 1. Guaranteed Technical Particulars (G.T.P.) for Aerial Bunched Cable (XLPE insulated only) of sizes:

AB Cable 2 Core 25 Sq.mm Al cable + 25 sq. mm **Bare** AL Alloy messenger wire with XLPE insulation.

#### PART – A

Bidders have to confirm following important requirements:

Sr. No.	Particulars	Confirmation
1	AB Cable shall be manufactured and supplied Confirming to IS: 14255/1995 with latest Amendment	
2	Cable drums/label shall bear ISI Mark	
3	ISI License shall remain valid till order is Completed	
4	Colour of XLPE Insulation – Black	
4a	2X25+1X25 SQ. MM	
5	Shape – compacted	
6	Standard length in case 500 mtrs+ 5 % tolerance longer length acceptable	
7	Non-Standard length 50% of Std. length up to 10% of ordered quantity	
8	Packing shall contain only one Length.	
9	Packing material: Wooden drums as per IS: 10418/1982 duly painted	
9a	2X25+1X25 SQ. MM.	
10	Following shall be embossed on cable & Marking on drum shall be as per IS: 14255/1995	
10a	Manufacture Name along with EESL	
10b	1100 Volts	
10c	IS:14255/1995	
10d	Year of manufacture	
10e	Trade Mark	
11	<b>Conductor –</b>	
11a	For Phase/Street Light Conductor 25 mm <sup>2</sup> Aluminium as per IS 8130/1984	
11b	For Messenger wire 25 mm <sup>2</sup> Aluminium Alloy as per IS 398/Pt. IV/1994	
12	<b>Maximum Conductor resistance at 20°C For Phase Conductor</b>	
12a	25 mm <sup>2</sup> Conductor – 1.20 Ohm/KM	
	For messenger conductor	
12b	25 mm <sup>2</sup> Conductor – 1.380 Ohm/KM	
13	<b>XLPE Insulation thickness for AB Cable</b>	
13b	25 mm <sup>2</sup> - 1.2 mm	
14	<b>Volume resistivity of insulation</b>	
14a	At 27°C – $1 \times 10^{13}$ Ohm-cm. Min	
14b	At 70°C – $1 \times 10^{11}$ Ohm-cm. Min	
15	<b>Tensile strength of Insulation &amp; sheath -12.5 N/mm<sup>2</sup> Min.</b>	
16	<b>Elongation at break of Insulation and Sheath –200% Min.</b>	

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17	Overall tolerance in supply of ordered total quantity shall be + 2 % ( Plus and minus two %)	
18	Any other relevant technical information the bidder may desire to furnish in respect of AB Cable.	

### PART B

Bidders have to furnish below details about material for information:

Sr. No.	Particulars	Confirmation
1	ISI License for IS:14255/1995	
1a	Number	
1b	Date of expiry	
2	Approximate weight of 1000 meters length (Weight in Kgs.)	
2a	Size of cable	Alum. Alu. Alloy XLPE Total
	2X25+1X25 SQ. MM.	
3	Cable Conductor, Circular Compacted?	

### PART – C (ENCLOSURES)

Bidders have to enclose following documents and has to confirm for the same.

Sr. No.	Particulars	confirmation
1	ISI License	
2	Proof if applied for renewal of ISI License	
3	TYPE TEST CERTIFICATE: Type test certificate from Govt. approved Laboratory or NABL Accredited laboratory	
	Size of AB Cable	Alum. Alu. Alloy XLPE Total
	2X25+1X25 SQ. MM	
	a Name of Lab. &	
	City Name	
	b T.R. No.	
	c Date	
4	List of plant and machinery	
5	List of testing facility available	

### 2. GTP form for Dead-End Clamp (Anchoring Clamp)

S No.	Particulars	Bidders Offer
1	Type of Clamp	
2	Name & Address of the Manufacturer	

3	Standard	
4	Range of messenger size	
5	Type of design	
6	Installation (with / without disassembly)	
7	Type & grade Metallic / Non-metallic Material	
8	Marking	
9	Colour of Non-metallic parts	
10	Dimensions (mm)	
11	Approximate weight (Kg)	
12	Breaking Load (KN) as per T NEB requirement	
13	Di-Electric test (Min 6 KV AC for 1 minute)	
14	Maximum load holding capacity (KN)	
15	Max. vertical load sustained by clamp (KN.)	
16	Is type test report enclosed as per NFC 33-041 or equivalent standard if any	
17	Insulation	

### 3. GTP form for Suspension Clamp

S No.	Particulars	Bidders Offer
1	Type of Clamp	
2	Name of the Manufacturer	
3	Address of the Manufacturer	
4	Standard	
5	Type	
6	Range of conductor size	
7	Installation with / without disassembly	
8	Is bracket & movable link included	
9	Type & grade Metallic / Non-metallic Material	
10	Marking	
11	Colour of Non-metallic parts	
12	Breaking Load (KN)	
13	High voltage test (Acceptance test)	
14	Maximum load holding capacity (KN) (Acceptance test)	
15	Max. longitudinal load sustained by clamp (Acceptance test)	
16	Are all type test reports as per NFC 33 040 or equivalent standard if any.	

### 4.GTP form for Water Proof Pre-Insulated Hexagonal Compression Connector for Joining XLPE insulated ABC Conductor of 25 sq.mm

S No.	Particulars	Bidders Offer
1	Type of Sleeve	
2	Name of manufacturer	



3	Address of Manufacturer	
4	Standard	
5	Cable Size	
6	Application in KV	
7	Systems Frequency in Hz	
8	Material Composition	
9	Marking	
10	Dimensions	
11	Nos. of cycle	
12	Max. Temp. in each cycle (Deg.)	

### 5. GTP form for Insulated Piercing Connector

Sr. No.	Particulars	
1	Type of connector	Bidder's offer
2	Name & Address of the Manufacturer	
3	Application standard	
4	Type of connection required	
5	Application in KV	
8	Are torque limiting shear heads provided to tightening bolts	
9	Range of cable sizes accommodated for Main & Branch	Main: Tap:
10	Minimum & Maximum torque defined (Nm)	
11	Torque for establishing connection between main and branch (Nm)	
13	Max. Tensile load for no breakdown of Main conductor (for each cross section)	
14	Max. Tensile load on branch conductor for no break/slippage	
15	Voltage withstand under water immersion	
16	Water tightness test	
17	Is electrical Ageing test report submitted	
18	No. of Cycles	
19	Max. Temp. at each cycle	
20	Current Rating during heating	
21	Marking and embossing on the connector	

### 6. GTP form for Eye Hook:

S No.	Description	Bidder's Offer
1	Type of Hook	
2	Name of the manufacturer	

Signature :-  
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3	Address of Manufacturer	
4	Ultimate tensile strength at Rupture	
5	Type of Hot Dip Galvanizing	
6	Type & Grade - Metallic/ Non-metallic material	
7	Dimensions	
8	General Tolerance	

### 7. GTP form for Pole Clamp:

S No.	Description	Bidder's Offer
1	Type of clamp	
2	Name of the manufacturer	
3	Address of Manufacturer	
4	Ultimate tensile strength	
5	Type of Hot Dip Galvanising	
6	Type & Grade - Metallic/ Non-metallic material	
7	Dimensions	
8	General Tolerance	

### **8.Earthing-** Maintenance free Earthing of each Tubular pole to be done as per latest IS standard

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 f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITED

User ID: rjkmal

Annexure- IV**QUALIFYING REQUIREMENT**

S. No.	Description	Documents to be submitted by Bidder
<b>Technical QR</b>		
1.	<p>Bidder should be a Single Entity means a limited company (as defined in the Companies Act, 2013),</p> <p>OR</p> <p>A registered partnership firm (registered under section 59 of the Partnership Act, 1932)</p> <p>OR</p> <p>A limited liability partnership (under the Limited Liability Partnership Act, 2002)</p> <p>OR</p> <p>A proprietorship firm</p> <p><b>(No consortium is allowed in this tender)</b></p>	<p>Copy of certificate of incorporation/ Memorandum of Association/Article of Association</p> <p>OR</p> <p>A registered Partnership Deed</p> <p>OR</p> <p>LLP registration certificate issued by registrar of Companies</p> <p>OR</p> <p>In Case of Proprietor GST Registration and PAN Card Copy is to be submitted.</p>



Signature :-  
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 f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITED

2.	<p>The bidder should be in existence from at least last three (03) financial years.</p>	<p>Photocopy of certificate of incorporation issued by Registrar of companies</p> <p>OR</p> <p>A registered partnership deed</p> <p>OR</p> <p>A LLP registration certificate issued by registrar of companies</p> <p>OR</p> <p>Pan Card with the name of company (wherever applicable)</p>
3.	<p>Bidder must have valid 'B' Class or higher Electrical Contractor certification issued by competent Government Authority.</p> <p>License/certificate issued by the competent Government authority establishing the equivalence of class 'B' or higher shall also be considered, wherever class is not categorically mentioned on the license.</p> <p>Contractor(s) shall ensure that their license is valid as on last date of submission of bid. In event of expiry, the contractor(s) shall furnish the proof that they have submitted the application for renewal of License as on last date of submission of bid.</p> <p><b>Note:</b></p> <ol style="list-style-type: none"> <li><b>In event of non-submission of valid class 'B' or higher electrical license or its renewal application duly acknowledged by the office of competent Government Authority, their Bid shall be out rightly rejected.</b></li> <li><b>It is the responsibility of the contractor to keep the license valid during the execution of the contract for the complete contract duration, in event of order.</b></li> </ol>	<p>Certificate issued by Competent Government Authority.</p> <p>OR</p> <p>Copy of renewal application duly acknowledged by the authorities shall be submitted along with the bid in event of license getting expired.</p>

Signature :-  
 Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
 d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
 .4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
 f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITED

4.	<p>Bidder should submit proof of execution of 'similar works' experience in the past three (03) years in Government Dept./PSU/ULB/DISCOMS:</p> <p>Single Work Order of 8.50Crore</p> <p>OR</p> <p>Two Work order of 5.30 Crore each</p> <p>OR</p> <p>Three work orders of 4.26 Crore</p> <p>each Similar Work means:</p> <p>"Bidder should have executed work pertaining to Repair &amp; Maintenance of Street Lights OR CCMSwork OR LT 440 volts work/HT 11 KV/ ElectricalProject execution works and should have supplied the IDC items as asked in the tender document.</p>	<p>Documentary evidence shall be furnished along with the bid. Documentary evidence should be submitted in the form of copies of relevant work orders/ contract agreement/ purchase order along with copies of any document in respect of satisfactory execution/ completion certificate of each of those purchase orders/ work orders such as (i) Satisfactory completion (OR) (ii) any other documentary evidences that can substantiatethe satisfactory execution of each of the purchase order/ work order submitted.</p> <p><b><i>Work orders along with its evidence for successful completion shall be from any Government Dept./ PSU/ ULB/ DISCOMS which will only will be considered for evaluation. The Work shall be done directlyby them not as sub-contractor.</i></b></p>
	<p>OR</p> <p>Bidder should have executed SITC Job of electrical infrastructure development wherein they should have supplied IDC Items as asked in the tender document.</p> <p>OR</p> <p>Bidder should have executed project related to power sector infrastructure development".</p> <p>Note:</p> <ol style="list-style-type: none"> <li>1. All the above works should have executed by the bidder directly as a contractor and not as subcontractor.</li> <li>2. Above works should have been executed by the bidder in any Power distribution utilities/DISCOMS/ULBs or any other Govt. Organization.</li> </ol>	
5.	The bidder should have registered with ESIC (providing for medical, disablement, dependent benefits).	Bidder shall submit the ESIC registration proof.
6.	The bidder should register with Employees Provident Fund and Miscellaneous Provisions Act,1952 (providing for PF contributions,	Bidder shall submit the registration proof.

Signature :-  
 Subject :- CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7aab6cb390195048c87c1a0b98f  
 d27868d985667e19db6732eac, ST=DELHI, O=D.5.4.17=110003, O=D.2.5  
 4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
 f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
 D, C=IN

	Employee pension and Deposit Link Insurance).	
7.	The bidder will comply with Employees Compensation Act, 1923 (providing for Compensation against injury due to and during the course of employment).	Bidder should submit self-declaration.
8.	The bidder will comply with Minimum Wages Act, 1948 (providing for minimum wages for various employments).	Bidder should submit self-declaration.
9	<p>PPP MII guidelines issued by Govt. of India shall be applicable for this tender.</p> <ul style="list-style-type: none"> <li>Only Class-I Local Suppliers and Class-II Local Suppliers are eligible to bid in this tender.</li> </ul> <p>NOTE: - 'Non-Local Suppliers are not eligible to take part in this bidding process.</p>	Applicant to Submit declaration of local content in form of a certificate stating the percentage of local content as per the format given in <b>Attachment-11</b> of Section-6 of Tender Document. The Certificate shall be from the statutory auditor or cost auditor of the company (in case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of supplies other than companies) giving the percentage of local content. It is mandatory to mention UDIN No in the certificate.
10	<p>Pursuant to Order No. F. No 6/18/2019-PPD dated- 23-July-2020 from Department of Expenditure, Ministry of Finance, the applicant should be either of the following:</p> <ul style="list-style-type: none"> <li>Not from a country which shares a land border with India</li> </ul> <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> <li>Applicant from a country which shares a land border with India and registered with Competent Authority in accordance with order mentioned above.</li> </ul> <p>The definition of "Bidder" from a country which shares a land border with India shall be as in paragraph 8 of the above mentioned order. Further, all the guidelines mentioned to this above order shall be applicable to this Tender. Bidder shall carefully go through the same and ensure its eligibility as per the said order.</p>	Applicant to submit a Declaration as per the format given in <b>Attachment-14</b> of Section-6 of this Document.

### Financial QR

Signature :-  
 Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
 d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
 .4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
 f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITED

11	<p>Bidders should have an average Annual Turnover (ATO) of at least Rs. 3.20 Crore for preceding last three financial years i.e. FY 2017-18, 2018-19, 2019-20.</p> <p>In the preceding three completed Financial Years (viz., 2017-18, 2018-19 &amp; 2019-20) based on the audited financial statements.</p>	<p>Duly authorized copy of audited balance sheet for preceding last three Financial Year (2017-18, 2018-19 and 2019-20) is to be submitted by bidder.</p> <p>In case of proprietorship/ partnership, ITR along with management signed accounts to be submitted if audited is not available. ATO means revenue from operations.</p>
12	<p>The bidder should be profitable (net profit) any of the two previous financial years out of last three completed financial years.</p>	<p>In case of proprietorship/ partnership (where audit of book of accounts is not mandated as per statute), detailed ITR along with management signed financial statement to be submitted.</p>
13	<p>The net worth of the bidder in immediate last financial year should not be less than 100% of paid up share capital.</p> <p><i>Net worth of Proprietor/ partnership Net Worth may be considered negative in case closing capital of immediately preceding year is less than average closing capital of previous 3 financial years.</i></p>	<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1) ATO means revenue from operations.</li> <li>2) Profitability means Profit after tax.</li> <li>3) Net worth of Proprietor/ partnership Net Worth may be considered negative in case closing capital of immediately preceding year is less than average closing capital of previous 3 financial years.</li> <li>4) UDIN guidelines issued by ICAI/GoI shall be followed.</li> </ol>

### Notes:

1. EESL Reserves the right not to seek any deficient document/clarifications from the bidders after opening of techno-commercial bid, if any bid is found to be in nonconformance to the tender conditions or deviating from the tenders, EESL reserves the right to outright reject such bid without seeking any clarification. Bidder to take cognizance of the same and submit their bid accordingly.
2. EESL reserve the right to use the in-house available data, if required, to evaluate the tender including the data/documents submitted by the vendor in their previous tender(s). However, this should not be understood that relevant documents /certificates or any other requirement as required in the instant RFP is not to be provided by any vendor participating in the tender who has earlier participated in any of the earlier tenders by EESL.
3. The tenderer shall submit details of work executed by them in the Performance of **Attachment-13, of Section-6** for the works to be considered for qualification of work experience criteria. Documentary proof such as completion certificates from client clearly indicating the nature/scope of work, actual completion cost and actual date of completion for such work should be submitted.

Signature :-  
 Subject : CN=RAJ KAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
 d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
 .4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
 f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITED



The offers submitted without this documentary proof shall not be evaluated. In case the work is executed for private client, copy of work order, bill of quantities, bill wise details of payment received duly certified by C.A., T.D.S certificates for all payments received and copy of final/last bill paid by client shall be submitted.2

**NOTE:**

The supporting documents in support of above Qualification Requirement should be submitted along with tender document, otherwise tender will be rejected.

If bidder is not meeting any Qualification Requirement as defined above, it should clearly intimate the same in deviation form or on its letter head.

All the required documents must be properly annexed and submitted as mentioned above with necessary details in brief

Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b98f  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITED

User ID :- rjmal

**BILL OF QUANTITY** for Street Light Phase wire project in ULBs of Odisha under SLNP is as below.

Sr. No	Description of Work	Unit of Measurement (UOM)	Qty.
1	Dismantling, Installation & Commissioning of Street Lights	per unit	19,160
2	Supply of ISI marked AB Cable (2 core 25 sqmm aluminium cable + 25 sqmm aluminium messenger wire)	Per Km	480
3	Supply & Installation of piercing connector with suitable size of cable of ISI marked	per unit	28,804
4	Supply & Installation of Galvanized Pole mounting clamp (40*3) of ISI marked	per unit	14,402
5	Supply & Installation of I hook of ISI marked	per unit	14,402
6	Supply & Installation of suspension at suitable size of cable of ISI marked	per unit	13,442
7	Supply & Installation of dead end clamp of ISI marked	per unit	960
8	Laying Charges of AB Cable (2 core 25 sqmm aluminium cable + 25 sqmm aluminium messenger wire) as per the specification depicted under	Per Km	480
9	Supply of 8mt Steel tubular pole including accessories	per unit	1,088
10	Pole Painting & Erection including civil work, as per IS standard	per unit	1,088
11	Maintenance free Earthing of each Tubular pole as per latest IS standard	Per Unit	1,088
12	Pole Numbering	per unit	19,160

\*Note: AB Cable should be ISI marked.

XXXXXXXX

Signature :-  
 Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
 d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
 .4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
 f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
 D, C=IN



## SECTION 5

### 1. Measurement and Verification (M&V)

Not Applicable for this tender

NIT Bid document No.-EESL/Lighting/IDC Material/Odisha/2021-  
22/SLNP/2021075 Date-13/01/2022

SECTION - 5 (M & V)

Page 1 of 1

Signature: R. RAJKAMAL, SERIALNUMBER=029813617c7eab6cba90195048c87c1a0b981  
e19db6717=110003, OJD.2.5  
4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
831-3, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITED  
D, C=IN  
User ID : rkamal  
Serial No : 1451016

## SECTION-6

### Forms & Procedures

### ATTACHMENT – 1

#### BID FORM

To,

Chief General Manager (SCM) Energy  
Efficiency Services Limited.  
(A JV of PSUs of Ministry of Power, Govt. of India)  
Core-3, 6<sup>th</sup> Floor,  
SCOPE Complex,  
Lodhi Road, New Delhi-110003

**Subject: - NIT/Bid Document No.: - EESL/Lighting/IDC Material/Odisha/2021-22/SLNP/212201075,**  
**Date-13/01/2022**

Dear Sir,

With Reference to your subject IFB/RfP, we are pleased to submit our bid for “  
.....” in a sealed cover as detailed below:

Envelope 1: Bid document fee/cost of tender documents [wherever applicable], Bid Security fees/Earnest Money Deposit, Bid Form, Power of attorney, Certificate regarding acceptance of important terms and conditions, Form of acceptance of EESL fraud prevention policy.

Envelope 2: Price Bid

We confirm that we have quoted as per instructions and terms and conditions of tender documents. We have submitted all the four attachments as stated in “Instructions to Bidders”

We declare that the prices left blank in price schedule/price bid will be deemed to have been included in the prices of other items. We confirm that except as otherwise specifically provided, our bid prices include all applicable taxes including service tax, entry tax (if any), duties, levies, charges as may be assessed on us.

We further declare that additional conditions, variations, deviations, if any, found in the proposal other than those listed in Attachment-5 save those pertaining to any rebates offered, shall not be given effect to.

We undertake, if our bid is accepted, we shall commence the work immediately upon your Letter of Intent /Letter of Award to us, to achieve completion of work within the time specified in the bidding documents.

If our bid is accepted, we undertake to provide contract performance securities and securities for Deed(s) of Joint Undertaking (as applicable) in the form and amounts and within the times specified in the bidding documents.

We agree to abide by this bid for a period 180 days from the date of opening of bids as stipulated in the bidding documents and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period. Further, the prices of recommended spares, if asked for; contained in our bid shall re-main valid for the entire project period after placement of Lol/LoA.

Until a formal contract is prepared and executed between us, this bid, together with your written acceptance thereof in the form of your Letter of Intent/ Letter of Award shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest or any other bid you may receive.

We, hereby, declare that only the persons or firms interested in this proposal as principals are named here and that no other persons or firms other than those mentioned herein have any interest in this proposal or in the contract to be entered into, if the award is made on us, that this proposal is made

Signature :  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016



without any connection with any other person, firm or party likewise submitting a proposal, is in all respects for and in good faith, without collusion or fraud.

Dated -----

NAME/S &AUTHORISED

SIGNATORIES ADDRESS:

MOBILE NO.:

LAND LINE NO.:

**Our correspondence details are:**

1	Name of the bidder	
2	Address of the bidder	
3	Name of the contact person to whom all references shall be made regarding this tender	
4	Designation of the person to whom all references shall be made regarding this tender	
5	Address of the person to whom all references shall be made regarding this tender	
6	Telephone (with STD code)	
7	E-Mail of the contact person	
8	Fax No. (with STD code)	
9	GST No. of the bidder	



Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016

**Form for Submitting BG Format in lieu of EMD**

(To be stamped in accordance with Stamp Act, if any, of the country of the issuing Bank)

Bank Guarantee No. ....

Date.....

To:

Energy Efficiency Services Limited.  
(A JV of PSUs of Ministry of Power, Govt. of India)  
C/o Projects & Development India Ltd.,  
PDIL Bhawan, 1st Floor, A-14, Sector-1,  
NOIDA-201 301, Distt. Gautam Budh Nagar, U.P.

Dear Sir(s),

In accordance with invitation for bids under your bidding document/package no.....dated.....M/s.....having its registered/head office at.....(here in after called "Bidder") wish to participate in the said bid for (name of package)

We, the ..... (Name and address of the bank), having our head office at .....guarantee and undertake to pay immediately on demand by Energy Efficiency services Limited, the amount of .....without any reservation, protest, recourse. Any such demand made by the employer shall be conclusive and binding on us irrespective of any dispute or difference raised by the bidder.

The Guarantee shall be irrevocable and shall remain valid upto ..... If any further extension of guarantee is required, the same shall be extended to such period (not exceeding one year) on receiving instructions from.....(Bidder's Name)....., on whose behalf guarantee is issued.

In witness whereof the bank, through its authorized officer, has set its hand and stamp on this.....day of .....20.....at.....

Witness:

Signature:

Name:

Official address:

Signature:

Name :

Designation with Bank Stamp

Authorized vide

Power of Attorney no.

Date

NOTE:

- Bid Security amount shall be as specified in the IFB/ITB. Complete mailing address of the Head Office of the Bank to be given. The bank guarantee validity date shall be forty five (45) days after the last date for which the bid is valid.
- The Stamp Paper of appropriate value shall be purchased in the name of guarantee issuing Bank. The Bank Guarantee shall be issued on a stamp paper of value as applicable in the State of the issuing bank in India or the State of Delhi in India or the State of India from where the BG shall be operated, whichever is higher.
- While getting the Bank Guarantee issued, Bidders are required to ensure compliance to the Bank Guarantee Verification Check List. Further, Bidders are required to fill up this Form 16 and enclose the same with the Bank Guarantee.



### **BANK GUARANTEE CHECK LIST**

1	Bank Guarantee No.	
2	Issuing Bank	
3	Nature of BG & No. of Pages	
4	Validity of BG	
5	Package Description	
6	Party & Contracts ref.	Name, Address, Tel, Fax, E—mail
7	Bank Reference	

### **CHECK LIST**

Sl.No.	Details of Checks	YES / NO
a)	Is the BG on non-judicial Stamp Paper of appropriate value, as per Stamp Act ?	
b)	Whether date, purpose of purchase of stamp paper and name of the purchaser are indicated on the back of Stamp paper under the Signature of Stamp vendor? (The date of purchase of stamp paper should be not later than the date of execution of BG and the stamp paper should be purchased either in the name of the executing Bank or the party on whose behalf the BG has been issued. Also the Stamp Paper should not be older than six months from the date of execution of BG)	
c)	In case the BG has been executed on Letter Head of the Bank, whether adhesive Stamp of appropriate value has been affixed thereon?	
d)	Has the executing Officer of BG indicated the name, designation and Power of Attorney No. / Signing Power no. etc., on the BG ?	
e)	Is each page of BG duly signed / initiated by executants and whether stamp of Bank is affixed thereon? Whether the last page is signed with full particulars including two witnesses under seal of Bank as required in the prescribed proforma?	
f)	Does the Bank Guarantees compare verbatim with the proforma prescribed in the bid documents ?	
g)	In case of any changes in contents of text, whether changes are of minor/clerical nature (which in no way limits the right of EESL in any manner ) ?	
h)	In case of deviations in text of BG, which materially affect the right of EESL, whether the changes have been agreed based on the opinion by Legal Department or BG I considered acceptable on the basis of opinion of law Department already available on the similar issue.	
i)	Are the factual details such as Bid Document No. NOA/LOA/Contract No., Contract Price, Percentage of Advance, Amount of BG and Validity of BG correctly mentioned in the BG ?	
j)	Whether overwriting / cutting if any on the BG have been properly authenticated under signature and seal of executant ?	
k)	Whether the BG has been issued by a Bank in line with the provisions of Bid /Contract documents ?	
l)	In case BG has been issued by a Bank other than those specified of Bid / Contract Documents, is the BG confirmed by a Bank in India acceptable as per Bid / Contract documents?	

### **ANNEXURE-I**

#### **LIST OF BANKS ACCEPTABLE FOR SUBMISSION OF BANK GUARANTEE FOR BID SECURITY**

#### **SCHEDULED COMMERCIAL BANKS**

#### **• SBI AND ASSOCIATES**

Sl.No.	Name of Banks	Sl.	Name of Banks
1.	State Bank of India	5.	State Bank of Mysore
2.	State Bank of Bikaner and Jaipur	6.	State Bank of Patiala
3.	State Bank of Hyderabad	7.	State Bank of Saurashtra
4.	State Bank of Indore	8.	State Bank of Travancore



●

Sl.No.	Name of Banks	Sl. No.	Name of Banks
9.	Allahabad Bank	13.	Canara Bank
10.	Andhra Bank	14.	Central Bank of India
11.	Bank of India	15.	Corporation Bank
12.	Bank of Maharashtra	16.	Dena Bank
17.	Indian Bank	18.	Indian Overseas Bank
19.	Oriental Bank of Commerce	20.	Punjab National Bank
21.	Punjab & Sind Bank	22.	Syndicate Bank
23.	Union Bank of India	24.	United Bank of India
25.	UCO Bank	26.	Vijaya Bank
27.	Bank of Baroda		

- **SCHEDULED PRIVATE BANKS (INDIAN BANKS)**

Sl.No.	Name of Banks	Sl. No.	Name of Banks
27.	Bank of Rajasthan	41.	Sangli Bank Ltd.
28	Bharat Overseas Bank Ltd.	42.	South Indian Bank Ltd.
29.	Catholic Syrian Bank	43.	Tamilnad Mercantile Bank Ltd.
30.	City Union Bank	44.	United Western Bank Ltd.
31.	Dhanalakshmi Bank	45.	ING Vysya Bank Ltd.
32.	Federal Bank Ltd.	46	UTI Bank Ltd.
33.	Jammu & Kashmir Bank Ltd.	47.	S.B.I. Commercial & International Bank Ltd.
34.	Karnataka Bank Ltd.	48.	Ganesh Bank of Kurundwad Ltd.
35.	KarurVysya Bank Ltd.	49.	INDUSIND Bank Ltd.
36.	Lakshmi Vilas Bank Ltd.	50.	ICICI Bank Ltd.
37.	Lord Krishna Bank Ltd.	51.	HDFC Bank Ltd.
38.	Nainital Bank Ltd.	52.	Centurion Bank of Punjab Limited
39.	Kotak Mahindra Bank	53.	Development Credit Bank Ltd.
40.	Ratnakar Bank Ltd.	54.	Yes Bank

**(D) SCHEDULED PRIVATE BANKS (FOREIGN BANKS)**

Sl.No.	Name of Banks	Sl. No.	Name of Banks
55.	Abu Dhabi Commercial Bank Ltd.	71.	Sonali Bank
56.	ABN Amro Bank Ltd.	72.	Standard Chartered Bank
57.	American Express Bank Ltd.	73.	J.P Morgan Chase Bank
58.	Bank of America NA	74.	State Bank of Mauritius
59.	Bank of Bahrain & Kuwait	75.	Development Bank of Singapore
60.	Mashreq Bank	76.	Bank of Ceylon
61.	Bank of Nova Scotia	77.	Bank International Indonesia
62.	The Bank of Tokyo-Mitsubishi UFJ Limited.	78.	Arab Bangladesh Bank
63.	Calyon Bank	79.	Cho Hung Bank
64.	BNP Paribas	80.	China Trust Bank
65.	Barclays Bank	81.	Mizuho Corporate Bank Ltd.
66.	Citi Bank	82.	Krung Thai Bank
67.	Deutsche Bank	83.	Antwerp Diamond Bank N.V. Belgium
68.	The Hong Kong and Shanghai Banking Corporation Ltd.	84.	Internationale Nederlanden Bank N.V. (ING Bank)
69.	Oman International Bank	85.	Bank of China Ltd.
70.	Societe Generale		

**(E) PUBLIC SECTOR BANK**

Sl.No.	Name of Banks	Sl. No.	Name of Banks
86.	IDBI Ltd.		



Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016

## ATTACHMENT - 3

Tender Document No/Package No:

Dated:

Package Details.....

### POWER OF ATTORNEY

**BIDDER TO ATTACH THE POWER OF ATTORNEY IN THEIR OWN FORMAT on 100Rs Stamp Paper**



Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016

Tender Document No/Package No:

Dated:

**(CERTIFICATE REGARDING ACCEPTANCE OF IMPORTANT CONDITIONS)**

Bidder's Name&amp; Address

To,  
CGM (SCM)  
Energy Efficiency Services Limited.  
(A JV of PSUs of Ministry of Power, Govt. of India)  
Core-3, 6<sup>th</sup> Floor,  
SCOPE Complex,  
Lodhi Road, New Delhi-110003

Sub: .....

1.0 With reference to our bid proposal no.....dated..... **for**  
..... **/Package no Dated**  
....., we hereby confirm that we have read the following provisions of the following clauses and further confirm that notwithstanding anything stated elsewhere to the contrary, the stipulation of these clauses are acceptable to us and we have not taken any deviation to these clauses.

Governing Laws	-	Clause 7 of ITB
Settlement of Disputes	-	Clause 17 of ITB
Terms of payment	-	Clause 2.0 of SCC
Performance Security	-	Clause 5.9 of ITB
Taxes and Duties	-	Clause 8 of ITB
Completion Time Guarantee	-	Clause 9 of ITB
Defects Liability	-	Clause 10 of ITB
Functional Guarantee	-	Clause 11 of ITB
Patent Indemnity	-	Clause 2.25 of ITB
Limitations of Liability	-	Clause 2.27 of ITB
Project information, Estimation, Assumptions and conditions for Evaluation	-	As per Tables in price bid

We further confirm that any deviation to the above clauses found anywhere in our bid proposal, implicit or explicit, shall stand unconditionally withdrawn, without any implication to EESL.

Date:

Signature:

Place:

Printed Name:

Designation: Common

Seal

**Note: In the absence of this certificate, the bid shall be rejected and shall be returned unopened. Bidder can take a print out of it and sign.**

Subject: CN=RAJKAMAL, SERIAL NUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d2788c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016



## ATTACHMENT – 5

**NAME OF WORK:** .....

**BIDDING DOCUMENT NO.**.....

### (Deviations Statement)

Bidder's Name and Address:

To,

Chief General Manager (SCM) Energy  
Efficiency Services Limited.  
(A JV of PSUs of Ministry of Power, Govt. of India)  
Core-3, 6<sup>th</sup> Floor,  
SCOPE Complex,  
Lodhi Road, New Delhi-110003

Dear Sir,

The following are the deviations and variations from and exceptions to the terms, conditions and specification of the bidding documents for IFB/RfP No. ....

These deviations and variations are exhaustive. We are furnishing below the cost of withdrawal for the deviations and variations stated in this Attachment. We shall withdraw the deviations proposed by us in this Attachment at the cost of withdrawal indicated herein, failing which our bid may be rejected and bid security may be forfeited. We confirm that except for these deviations and variations, the entire work shall be performed as per your specifications and conditions of bidding documents. Further, we agree that additional conditions, variations, deviations if any, found in the proposal documents other than those stated in this Attachment, save those pertaining to any rebates offered, shall not be given effect to:

Section/ Part/ Chapter	Clause No.	Page No.	Statement of Deviations/ Variations	Cost of withdrawal
------------------------------	---------------	-------------	---	--------------------

A. COMMERCIAL DEVIATIONS:

B. TECHNICAL DEVIATIONS:

Date : (Signature).....

Place : (Printed Name).....

(Designation).....

(Common Seal) .....

Note: Continuations sheets of like size and format may be used as per Bidder's requirement.



Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016

(On Non – Judicial Stamp Paper of appropriate value and purchased in the name of executing Bank)

# PROFORMA OF BANK GUARANTEE FOR CONTRACT PERFORMANCE

Ref.: .....  
Bank Guarantee No.....  
Date.....

To,

Energy Efficiency Services Limited.  
(A JV of PSUs of Ministry of Power, Govt. of India)  
Core-3, 6<sup>th</sup> Floor,  
SCOPE Complex,  
Lodhi Road, New Delhi-110003

Dear Sirs,

In consideration of the EESL, (hereinafter referred to as the 'Owner,' which expression shall unless repugnant to the context or meaning thereof include its successors, administrators and assigns) having awarded to M/s with its Registered / Head Office at

..... (hereinafter referred to as the 'Contractor', which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators and assigns), a Contract by issue of Owner's Letter of Intent No..... dated .....and the same having been unequivocally accepted by the Contractor and the contractor (Scope of Contract) having agreed to provide a Contract Performance Guarantee for the faithful performance of the entire Contract equivalent to \* .....% (percent) of the said value of the Contract to the Owner.

We ..... (Name & address) having its Head Office at ..... (hereinafter referred to as the 'Bank', which expression shall, unless repugnant to the context or meaning thereof, include its successors administrators, executors and assigns) do hereby guarantee and undertake to pay the Owner, on demand any all money payable by the Contractor to the extent of .....as aforesaid at any time up to .....(days/months/year) without any demur, reservation, contest, recourse or protest and / or without any reference to the Contractor. Any such demand made by the Owner on the Bank shall be conclusive and binding notwithstanding any difference between the Owner and the Contractor or any dispute pending before any court, tribunal, Arbitrator or any other authority. The Bank undertakes not to revoke this guarantee during its currency without previous consent of the Owner and further agrees that the guarantee herein contained shall continue to be enforceable till the owner discharges this guarantee.

The owner shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee from time to time to extent the time for performance of the Contract by the Contractor. The owner shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they to enforce or to forbear to enforce any covenants, contained or implied, in the Contract between the owner and Contractor or any other course of or remedy or security available to the owner. The Bank shall not be released of its obligations under these presents by any exercise by the owner of its liberty with reference to the matters aforesaid on any of other indulgence shown by the owner or by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving the Bank.

The Bank also agree that the Owner at its option shall be entitled to enforce this Guarantee against the Bank as a Principal debtor, in the first instance without proceeding against the Contractor and not withstanding any security or other guarantee that the owner may have in relation to the Contractor's liabilities.

Notwithstanding anything contained herein above our liability under this guarantee is restricted to.....and it shall remain in force up to and including\*\* .....and shall be extended from time to time for such period (not exceeding one year), as may be desired by M/s.....on whose behalf this guarantee has been given.



Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, O=D, C=IN, 4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016

Witness

Dated this ..... day of.....at.....

Witness

Signature

Name

Official Address

Signature

Bank's Rubber Stamp

Name

Designation with Bank Stamp

Attorney as per power of Attorney

No.....dated.....

**Note: \*\* Validity of Bank Guarantee should be 90 days in excess of the period for which it is required.**

**BANK GUARANTEE CHECK LIST**

1	Bank Guarantee No.	
2	Issuing Bank	
4	Nature of BG & No. of Pages	
5	Validity of BG	
6	Package Description	
7	Party & Contracts ref.	Name, Address, Tel, Fax, E—mail
8	Bank Reference	

**CHECK LIST**

S. No.	Details of Checks	YES / NO
a)	Is the BG on non-judicial Stamp Paper of appropriate value, as per Stamp Act ?	
b)	Whether date, purpose of purchase of stamp paper and name of the purchaser are indicated on the back of Stamp paper under the Signature of Stamp vendor? (The date of purchase of stamp paper should be not later than the date of execution of BG and the stamp paper should be purchased either in the name of the executing Bank or the party on whose behalf the BG has been issued. Also the Stamp Paper should not be older than six months from the date of execution of BG)	
c)	In case the BG has been executed on Letter Head of the Bank, whether adhesive Stamp of appropriate value has been affixed thereon?	
d)	Has the executing Officer of BG indicated the name, designation and Power of Attorney No./ Signing Power no. etc., on the BG?	
e)	Is each page of BG duly signed / initiated by executants and whether stamp of Bank is affixed thereon? Whether the last page is signed with full particulars including two witnesses under seal of Bank as required in the prescribed proforma?	
f)	Does the Bank Guarantees compare verbatim with the Proforma prescribed in the Bid Documents?	
g)	In case of any changes in contents of text, whether changes are of minor / clerical nature (which in no way limits the right of EESL in any manner)?	
h)	In case of deviations in text of BG, which materially affect the right of EESL, whether the changes have been agreed based on the opinion by Legal Department or BG I considered acceptable on the basis of opinion of law Department already available on the similar issue.	
i)	Are the factual details such as Bid Document No.NOA/LOA / Contact No., Contract Price, Percentage of Advance, Amount of BG and Validity of BG correctly mentioned in the BG?	
j)	Whether overwriting / cutting if any on the BG have been properly authenticated under signature and seal of executant?	
k)	Whether the BG has been issued by a Bank in line with the provisions of Bid Contract documents?	





l)	In case BG has been issued by a Bank other than those specified of Bid / Contract Documents, is the BG confirmed by a Bank in India acceptable as per Bid / Contract documents?	
----	---	--

**LIST OF BANKS ACCEPTABLE FOR SUBMISSION OF BANK  
GUARANTEES FOR ADVANCE PAYMENTS, PERFORMANCE  
SECURITIES AND SECURITIES FOR DEED OF JOINT UNDERTAKING  
SCHEDULED COMMERCIAL BANKS**

☐ **SBI and Associates**

Sl.No.	Name of Banks	Sl. No.	Name of Banks
1.	State Bank of India	5.	State Bank of Mysore
2.	State Bank of Bikaner and Jaipur	6.	State Bank of Patiala
3.	State Bank of Hyderabad	7.	State Bank of Saurashtra
4.	State Bank of Indore	8.	State Bank of Travancore

☐ **Nationalized Banks**

Sl. No.	Name of Banks	Sl. No.	Name of Banks
9.	Allahabad Bank	18.	Indian Overseas Bank
10.	Bank of India	19.	Oriental Bank of Commerce
11.	Bank of Maharashtra	20.	Punjab National Bank
12.	Canara Bank	21.	Punjab & Sind Bank
13.	Central Bank of India	22.	Syndicate Bank
14.	Corporation Bank	23.	Union Bank of India
15.	Dena Bank	24.	United Bank of India
16.	Indian Bank	25.	UCO Bank
17.	Vijaya Bank	26.	Bank of Baroda

**C. Foreign Banks**

Sl.No.	Name of Banks	Sl. No.	Name of Banks
27.	Bank of America NA	34.	Standard Chartered Bank
28.	The Bank of Tokyo-Mitsubishi UFJ Limited.	35.	Societe Generale
29.	BNP Paribas	36.	Barclays Bank
30.	Calyon Bank	37.	ABN Amro Bank N. V.
31.	Citi Bank N.A.	38.	Bank of Nova Scotia
32.	Deutsche Bank A. G.	39.	Development Bank of Singapore
33.	The Hong Kong and Shanghai Banking Corporation Ltd.		

**D. SCHEDULED PRIVATE BANKS**

Sl. No.	Name of Banks	Sl. No.	Name of Banks
40.	ING Vysya Bank Ltd.	43.	UTI Bank Ltd.
41.	ICICI Bank Ltd.	44.	YES Bank
42.	HDFC Bank Ltd.	45.	South Indian Bank

**E. Other Public Sector Banks**

Sl. No.	Name of Banks	Sl. No.	Name of Banks
45.	IDBI Ltd.		



Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016

**FORM OF ACCEPTANCE OF FRAUD PREVENTION POLICY  
(On the letter head)**

**To:**

Chief General Manager (SCM) Energy  
Efficiency Services Limited.  
(A JV of PSUs of Ministry of Power, Govt. of India)  
Core-3, 6<sup>th</sup> Floor,  
SCOPE Complex,  
Lodhi Road, New Delhi-110003

Sub: Letter of Acceptance of EESL Fraud Policy Ref: **EESL/Lighting/IDC Material/Odisha/2021-22/SLNP/212201075, Date-13/01/2022**

Dear Sir/Madam,

We have read the contents of the Fraud Prevention Policy of EESL and undertake that we along with our associate / collaborator / sub-contractors / sub-vendors / bidders/ service providers shall strictly abide by the provisions of the Fraud Prevention Policy of EESL.

Thanking You,

Yours faithfully,

Signature .....

Printed Name .....

Designation.....

Common Seal.....

Date:

Place:

**FOR DETAILED POLICY, PLEASE VISIT OUR WEBSITE [www.eeslindia.org](http://www.eeslindia.org)**



Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016

PROFORMA OF BANK GUARANTEE FOR ADVANCE PAYMENT

**NOT APPLICABLE**



Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b98I  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016

**PROFORMA OF LETTER OF UNDERTAKING**  
**(TO BE FURNISHED ON NON-JUDICIAL STAMP PAPER OF APPROPRIATE VALUE)**

[To be executed by the Holding Company Supported by Board Resolution and submitted by the Bidder along with the Bid, in case financial support is being extended by the Holding Company to the Bidder for meeting the stipulated Financial Qualifying]

**Ref.: NIT/Bid Document No.: EESL/Lighting/IDC Material/Odisha/2021-22/SLNP/212201075, Date-13/01/2022**

Our Reference No .....Date: .....

Bidder's Name and Address:

To,

Chief General Manager (Supply Chain Management)  
 Energy Efficiency Services Limited.  
 (A JV of PSUs of Ministry of Power, Govt. of  
 India) Core-3, 5th & 6th Floor Scope Complex,  
 Lodhi Road, New Delhi - 110003

Dear Sir,

1.0 We, M/s. .... (Name of the Holding Company) declare that we are the holding company of M/s. .... (Name of the Bidder) and have controlling interest therein.

M/s. .... (Name of the Bidder) proposes to submit the bid for the package ..... (Name of the package) for ..... (Name of the Project) under bid reference no. .... dated ..... and have sought financial strength and support from us for meeting the stipulated Financial Qualifying Requirement as per Clause Section 3 and its subsequent amendment.

2.0 We hereby undertake that we hereby pledge our unconditional & irrevocable financial support for the execution of the said package to M/s. .... (Name of the Bidder), for the execution of the Contract, in case they are awarded the Contract for the said package at the end of the bidding process. We further agree that this undertaking shall be without prejudice to the various liabilities that M/s. .... (Name of Bidder) would be required to undertake in terms of the Contract including the Performance Security as well as other obligations of M/s. .... (Name of the Bidder).

3.0 This undertaking is irrevocable and unconditional, and shall remain in force till the successful execution and performance of the entire contract and/or till it is discharged by EESL.

4.0 We are herewith enclosing a copy of the Board Resolution in support of this undertaking.



Subject: CN=RAJKAMAL, SERIALNUMBER=02a9b3fab17eab6cba90195048c87c1a0b981  
 d27868d985667e19db6732eac, ST=DELHI, O=D, C=IN  
 .4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
 f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
 D, C=IN  
 User ID : rkamal  
 Serial No : 1451016

**Witness:**

**Yours faithfully,**

(1)

.....

(Signature of Authorized Signatory)

on behalf of the Holding Company

(2)

.....

Name & Designation .....

Name of the Holding Company .....

(Seal of Holding Company)



Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
.4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016

**REAL TIME GROSS SETTLEMENT (RTGS)/ NATIONAL ELECTRONIC  
FUND TRANSFER (NEFT)**

From: M/s \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Sub: RTGS/NEFT Payments

We are agreeing to accept admissible payments through electronic mode viz RTGS/NEFT. For this, we are providing the requisite information herein below. The RTGS/NEFT charges for the above facility may be deducted/Recovered from our admissible payment.

Name Of City	
Bank Code No.	
Branch Code No.	
Bank's Name	
Branch Address	
Branch Telephone/ Fax No.	
Supplier Account No.	
Type of Account	
IFSC Code for NEFT	
IFSC Code for RTGS	
Supplier's name as per Account	
Telephone No. of Supplier	
Supplier's E-mail ID	
GST No. of the supplier	

A cancelled cheque against above bank account number is also being enclosed.

Encl: As above: -

Confirmed by Banker  
With Seal

Signature of supplier  
with stamp & Address



Signature :-  
 Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
 d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
 .4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
 f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
 D, C=IN  
 User ID : rkamal  
 Serial No : 1451016

## CERTIFICATE REGARDING DECLARATION OF LOCAL CONTENT

[On the Letter Head]

To,  
 Chief General Manager (SCM)  
 Energy Efficiency Services  
 Limited.  
 (A JV of PSUs of Ministry of Power, Govt. of India)  
 5<sup>th</sup> & 6<sup>th</sup> Floor, CORE –III, Scope Complex, Lodhi Road, New Delhi 110003

**Sub: Compliance of Minimum Local Content Requirement as mentioned in Ministry of Commerce and Industry Trade and order no. P-45021/2/2017-PP(BE-II) dated 04<sup>th</sup> June 2020**

Ref: NIT/Bid Document No: .....

Dear Sir/Madam,

This is to certify that following is the local content percentage in the **DIC Services & IDC Infrastructure Components** offered/quoted against aforementioned tender by M/s \_\_\_\_\_, the same is in compliance with Ministry of Commerce and Industry order no: **P-45021/2/2017-PP(BE-II) dated 04<sup>th</sup> June 2020** and the bidder shall strictly abide by all provisions of the subject notification.

Sr. No	Item/s	Percentage of Local Content
1	<b>DIC Services &amp; IDC Infrastructure Components</b>	

Thanking You,

Yours faithfully,

Signature (Statutory Auditor/ Cost Auditor/ Practicing CA – As applicable)

.....

Printed  
 Name.....

Seal.....

UDIN No .....

Date.....

Place.....



Signature :-  
 Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
 d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
 .4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
 f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
 D, C=IN  
 User ID : rkamal  
 Serial No : 1451016



**Compliance Matrix/ CHECK – LIST FOR BIDDERS**

**Please ensure these major Terms & Conditions before submitting you bids in order to avoid REJECTION of your offer.**

Sl	Details / Terms & Conditions	Applicable for	Yes / Attached	No	Reasons for non-compliance/ Remarks
1	EMD, If applicable	Indian Bidders			
2	EMD Exempted for being MSEs / Start-up	Indian Bidders			
	Relevant Certificate of MSEs / Start-up Certificate from DIPP is required to be submitted	Indian Bidders			
	In case of SC/ST entrepreneurs belonging to MSE, documentary proof submitted	Indian Bidders			
	In case of Women entrepreneurs belonging to MSE, documentary proof submitted	Indian Bidders			
	Declaration & Undertaking By Micro & Small Scale Enterprises / Start-up Companies	Indian Bidders			
3	Duly signed and company sealed copy of whole tender document	Indian Bidders			
4	Duly filled up and attached Technical (Unpriced) Bid & all applicable formats of Tender Document	Indian Bidders			
5	Separate sheet(s) for Deviation if any, from the tender conditions with seal and signature of authorized personnel	Indian Bidders			
6	Declaration of the quoted nos. of Packages by the bidder (As per attachment-NA of the tender document)	Indian Bidders	Not Applicable		
7	GST Registration Certificate and PAN Card Copy.	Indian Bidders			
8	CERTIFICATE REGARDING DECLARATION OF LOCAL CONTENT(As per attachment 11 of the tender document)				



Signature :-  
 Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
 d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
 .4.65=fc6d190ec51fe75dbb73558f9e08f45dbff762f1b370d9daaacac26718f  
 f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
 D, C=IN  
 User ID : rkamal  
 Serial No : 1451016

## Attachment-13

### Compliance Matrix/Check-List for Bid Evaluation Criteria

[To be submitted on Letter Head]

Please ensure these major Terms & Conditions before submitting your bid in order to avoid REJECTION of your offer

<b>Technical QR</b>	<b>Bidder qualification criteria for as per Tender terms and conditions. The relevant documentary evidence like work order copies, completion certificates etc. are required to be furnished along with technical bid substantiating the qualification towards relevant experience/technical criteria (Documentary proof to be attached along with the technical bid)</b>			
Order/Award Nos	Order date and completion date	Order/Award Amount	Client Name	Description of Order/Award
<b>Financial QR</b>	<b>Average Annual turnover of the bidder shall be as specified in tender documents in three preceding financial years. Copy of latest audited balance sheet, profit and loss account and copy of IT returns required to be furnished as asked in the tender.</b>			
Financial Year	Annual Turnover	Net Worth	Profitability	
<b>Other Mandatory Requirements</b>				
Confirmation for Tender Terms and Conditions/EMD [Please tick (√) as applicable]				
1	Confirm that your bid is valid as per tender terms and conditions as on the last date of submission of the bid			
2	Confirm your compliance to TERMS AND CONDITIONS of bidding document			
Documentary evidence is attached for experience criteria as per QR is attached along with technical unpriced bid. Non-compliance to any of the QR will lead to outright rejection of the bid without any further reference to the bidders.				

The above mentioned points are major Terms & Conditions and are indicative in nature. Bidder shall carefully go through the detailed requirements, QR and other terms and conditions for better understanding and submit the bid accordingly.



Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
d27868d985667e19db6732eac, ST=DELHI, OID.2.5.4.17=110003, OID.2.5  
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f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016

**ATTACHMENT-14**

**Declaration regarding “Restrictions on procurement from a Bidder of a country which shares a land border with India”**

*(To be submitted on Applicant’s Letter Head)*

To,  
**Chief General Manager (SCM)**  
Energy Efficiency Services Limited.  
(A JV of PSUs of Ministry of Power, Govt. of India)  
5<sup>th</sup> & 6<sup>th</sup> Floor, CORE –III, Scope Complex, Lodhi Road, New Delhi 110003

Dear Sir,

With reference to our bid proposal for participation in EESL tender NIT/Bid Document No: \_\_\_\_\_ dated: \_\_\_\_\_, I/we hereby confirm that, I/We have read the clause as mentioned in the tender document mentioned above regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries.

I/We certify that we/our Collaborator/JV Partner/Consortium member/Assignee are/is not from such a country or, if from such a country, have/has been registered with the Competent Authority and we will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.

We hereby certify that we fulfil all requirements in this regard and are eligible to be considered.

We further confirm that evidence of valid registration by the Competent Authority for us/our Collaborator/JV Partner/Consortium member/Assignee, as applicable, is enclosed as Annexure...

**\*Bidder to strike-off, if not applicable.**

**\*\*Bidder to mention the Annexure no.**

Date: \_\_\_\_\_

Place: \_\_\_\_\_

\_\_\_\_\_  
Seal of Organization & Signature

\_\_\_\_\_  
of Authorized Applicant



Signature :-  
Subject : CN=RAJKAMAL, SERIALNUMBER=02a9b3fab1c7eab6cba90195048c87c1a0b981  
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f81c7, OU=ENGINEER TECHNICAL, O=ENERGY EFFICIENCY SERVICES LIMITE  
D, C=IN  
User ID : rkamal  
Serial No : 1451016