

### Amendment No. 9

Ref: EESL/ 06/ 2023-24/ OTE/ CCMS/ 232408016/Amdt-9

Dated: 28.12.2023

To,

M/s .....

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**Sub: Amendment No. 9** in Tender/RfP No. EESL/ 06/ 2023-24/ OTE/ CCMS/ 232408016 Dated: 08.08.2023 for "Annual Rate Contract for Design, Manufacturing, Supply, Testing & Commissioning of CCMS with up to 7 years comprehensive Warranty on site (including supply of Spares parts on site during warranty periods) with Repair & Maintenance until the warranty period of 22,135 nos. of CCMS on PAN India basis."

#### Ref:

1. NIT/Bid Document No. EESL/ 06/ 2023-24/ OTE/ CCMS/ 232408016 Dated: 08/08/2023.
2. Pre-bid meeting held on 18/08/2023.
3. Amendment No.1 dated 05/09/2023.
4. Amendment No.2 dated 21/09/2023.
5. Amendment No.3 dated 05/10/2023.
6. Amendment No.4 dated 19/10/2023.
7. Amendment No.5 dated 06/11/2023.
8. Amendment No.6 dated 20/11/2023.
9. Amendment No.7 dated 06/12/2023.
10. Amendment No.8 dated 20/12/2023.

Dear Sir/Madam,

The following Amendment (s) to above mentioned RfP are hereby authorized: -

1. **For replies against queries, please refer to attached Annexure – B.**
2. **The Bid Dates mentioned in Section -1 (IFB) is amended as below:**

Sr. No	Description/Query/ Clarification Required	As per RfP and Subsequent Amendments	Amended As
1.	Deadline for submission of bids	Soft Copy Part of the Bids: 05/01/2024 till 11:00 Hrs. IST Hard Copy Part of the Bids: 05/01/2024 till 11:00 Hrs. IST	Soft Copy Part of the Bids: 12/01/2024 till 11:00 Hrs. IST Hard Copy Part of the Bids: 12/01/2024 till 11:00 Hrs. IST



पंजीकृत कार्यालय: एन. एफ. एल. बिल्डिंग, पाँचवा और छठा तल,  
कोर - 3, स्कोप कॉम्प्लेक्स, लोधी रोड, नई दिल्ली - 110003  
दूरभाष: +91 (011) 45801260, फ़ैक्स: +91 (011) 45801265  
वेबसाइट: www.eeslindia.org

**REGISTERED OFFICE:** NFL Building, 5<sup>th</sup> & 6<sup>th</sup> Floor,  
Core – III, SCOPE Complex, Lodhi Road, New Delhi – 110003  
**Tel.:** +91 (011) 45801260, **Fax:** +91 (011) 45801265  
**Website:** www.eeslindia.org

2.	Bid Opening:	<p>Envelope-1 (First Envelope) (Comprising Packet-I and Packet-II): Date: 05/01/2024 Time: 11:30 Hrs. IST</p> <p>Envelope-2 (Second Envelope) (Comprising Price Bid): Schedule shall be intimated after evaluation of First Envelope bids in accordance with ITB, Section-2. <i>(Bids shall be opened in the presence of the bidders' representatives who choose to attend in person at the address below or may be viewed by the bidders by logging in to the portal).</i></p>	<p>Envelope-1 (First Envelope) (Comprising Packet-I and Packet-II): <b>Date: 12/01/2024 Time: 11:30 Hrs. IST</b></p> <p>Envelope-2 (Second Envelope) (Comprising Price Bid): Schedule shall be intimated after evaluation of First Envelope bids in accordance with ITB, Section-2. <i>(Bids shall be opened in the presence of the bidders' representatives who choose to attend in person at the address below or may be viewed by the bidders by logging in to the portal).</i></p>
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Rest all terms and conditions of RfP remains unchanged.

Thanking You,



for and on behalf of EESL

*Neeraj*  
28/12/2023

Neeraj Pal  
DM (Contracts)

Annexure-B					
NIT/Bid Document No.: <b>Name of the Tender/Package: Annual rate Contract for Design, Manufacturing, Supply, Testing &amp; Commissioning of CCMS up to 7 years comprehensive Warranty on site (including supply of Spares parts on site during warranty periods) with Repair &amp; Maintenance of supplied CCMS until the warranty period</b>					
Sr. No	RFP Clause No	Description as Per RFP	Queries/Clarification of the bidder	Remarks	Clarified as/Amended as
1	Pg 121/Point no. 6	In case of shortfall/non-maintenance of the required minimum buffer stock quantity of spares beyond 50% the of buffer stock and its replenishment beyond 10 days from the date of intimation from EESL, a notional penalty at the rate of Rs. 100000 per month. For the period less than one month, beyond 10 days, same shall be calculated proportionality on pro-rata basis for actual number of days and shall be charged by EESL subject to a maximum of 5% of the total contract value from the payments due to bidder from the date when replenishment was supposed to be done till the actual date of replenishment.	Already mentioned in penalties clause, this clause has typo error		<b>Amended as:-</b>  In case of shortfall of buffer Spares stock (MCB, SPD, contactor/ relay, power supply, set of connectors, tested PCBs, terminal block) non-maintenance of the required minimum 5% buffer spares stock beyond 7 days from the date of intimation from EESL, a notional penalty at the rate of Rs. 10000 per month and part thereof per site shall be charged by EESL.
2	pg 112/ point C	Insurance: As per Clause No-17 of Standard Supply GCC of Rfp.			<b>Amended as:</b>  Insurance: As per Clause No-34 of Standard Supply GCC of Rfp.  Clause No-34 of Standard Supply GCC of Rfp is Supplementing with the following: Overall Insurance coverage (including (A) and (B) mentioned below) from place of Material supply till issuance of Completion Certificate by EESL's client, shall be in the scope of the successful bidder. It may please be noted that any claims and liability arising out of the Insurance scope, shall be dealt by the successful bidder only.  (A) Transit Insurance with sum insured not less than the total lot quantity amount. (B) Theft, Burglary, Fire & any Act of God Insurance coverage during storage at site, of value not less than the value of material in storage.
3	Pg 141/ 8.i	Price Basis	Insurance		<b>Amended as:</b>  Supplementig the Clause Price Basis, one more point added as : i. Overall Insurance cost from Supply to till receiving the Completion Certificate from the EESL's Client/ULB as per GCC clause no. 34.
4		CHECK SHEET FOR QUALITY ASSURANCE & WITNESSING TESTS OF Centralized Control & Monitoring System (CCMS) for both Smart meter/LED (SAMPLES DURING PDI			<b>Amended as:-</b>  CHECK SHEET FOR QUALITY ASSURANCE & WITNESSING TESTS OF Centralized Control & Monitoring System (CCMS)
5	Pg 126 / 1.2 , Pg 128/8,	Rating of the CCMS units for each phase (including rating of safety equipment's - MCB, Relay, etc. and as per Amps, wire rating should also be noted) should be <input type="checkbox"/> For 20% quantity of CCMS units - 32 Amps of connected load to each phase is to be considered <input type="checkbox"/> For 40% quantity of CCMS units -63 Amps of connected load to each phase is to be considered <input type="checkbox"/> For the remaining 40% quantity of CCMS Units-100 Amps of connected to for each phase is to be considered.			<b>Amended as:-</b>  Rating of the CCMS units for each phase (including rating of safety equipment's - MCB, Relay, etc. and as per Amps, wire rating should also be noted) should be  For 65% quantity of CCMS units - 32 Amps of connected load to each phase is to be considered.  For 35% quantity of CCMS units -63 Amps of connected load to each phase is to be considered.
6	Annexure III	Annexure – III  (Price-Bid Format)			<b>Amended As:-</b>  Existing Annexure-III (price bid format) stands deleted and <b>Revised Annexure-III (Price-Bid Format)</b> is attached as Revised Annexure-III (price bid format)

7	<p>Clause No.11 of Section-4, Part-C: - Evaluation Criteria</p>	<p>Evaluation Criteria:</p> <p>Clause No.11 of Section-4, Part-C: -</p> <p>Evaluation Criteria: -</p> <p>a. The bids shall be evaluated as per RFP Terms &amp; Conditions.</p> <p>b. Price Bid's evaluation will be carried out based on the total unit rate quoted by each bidder.</p> <p>c. The bidder with the lowest price per package (i.e. A+B+C+D) shall be designated as the lowest bidder (L-1) of respective package.</p> <p>d. In the price bid to be submitted online, the bidder needs to fill-up relevant fields, viz., the unit rate quoted.</p> <p>e. The bidder needs to fill up all field except Column B of price bid table of each package, i.e, Unit Rate for Comprehensive on-site warranty for 7 years, which will be automatically calculated in the price table as 35% of the unit price of CCMSs quoted at Column A of price bid table (i.e. @ flat 5% per year for 7 years). Illustrative format &amp; notes are enclosed at Annexure-III of RFP.</p> <p>f. A maximum of three (3) firms (including L-1) for the CCMS supply are intended to be engaged on parallel Rate Contract-basis, and the bifurcation of quantity among the L-1 and other bidders in the ascending order of their originally quoted price (i.e., L-2 and L-3 bidders) at the price of L1 of each line item shall be as follows.</p> <table><tr><td>L1</td><td>L2</td><td>L3</td></tr><tr><td>50%</td><td>30%</td><td>20%</td></tr></table> <p>g. To achieve the above objective, the L-1's price shall be offered to the L-2 and L-3 bidders to match the price agreed with the L-1 bidder for each line item. In case any of these bidders refuse/s to match the L-1 price, remaining bidders in the ascending order of their originally quoted price shall be offered the chance to match L-1's price for each line item.</p> <p>h. All such bidders, subject to a maximum of three, shall also be issued the RC Order.</p> <p>i. In case, the firms issued with RC Orders are unable to deliver the quantities as required, or falter in performance of the contract, EESL reserves the right to terminate the contract and approach other firms at the risk and cost of the defaulting bidder. Further, this right is without prejudice to the other available rights of EESL under the law.</p> <p>j. It will, however, be the sole discretion of EESL to award the quantity irrespective of the band provided above, depending upon various factors, including the bidder's capacity, as assessed by EESL. In case, RCs are required to be placed on MSEs as per Public Procurement Policy for Micro and Small Enterprises (MSEs), provisions as mentioned at Annexure- II of Rfp shall be followed.</p> <p>k. Please note that Tender Conditions applicable for MSE and Startups are mentioned at Annexure-II</p>	L1	L2	L3	50%	30%	20%			<p>Evaluation Criteria is Amended, for details please refer to Annexure-Y (Revised Evaluation Criteria)</p>
L1	L2	L3									
50%	30%	20%									

8	Section-4 Part-C (Technical Specifications, BOQ etc)	Constitution of Contract:  <table><tr><td>Sr. No.</td><td>Particulars</td><td>Total Value</td></tr><tr><td>1</td><td>Supply (A)</td><td>A</td></tr><tr><td>2</td><td>DIC (B)</td><td>10% (Min.) of A</td></tr><tr><td>3</td><td>IDC (C)</td><td>10% (Max) of A</td></tr><tr><td>4.</td><td>Warranty (D)</td><td>35% of A (Fixed)</td></tr><tr><td>5.</td><td>R&amp;M (E)</td><td>40% (Min.) of A</td></tr><tr><td>6.</td><td>Estimated total Contract Value</td><td>Σ (A+B+C+D+E)</td></tr></table>	Sr. No.	Particulars	Total Value	1	Supply (A)	A	2	DIC (B)	10% (Min.) of A	3	IDC (C)	10% (Max) of A	4.	Warranty (D)	35% of A (Fixed)	5.	R&M (E)	40% (Min.) of A	6.	Estimated total Contract Value	Σ (A+B+C+D+E)			<b>Amended as:</b>  <b>Constitution of Contract:</b>  <table><tr><td>Sr. No.</td><td>Particulars</td><td>Total Value</td></tr><tr><td>1</td><td>Supply (A)</td><td>A</td></tr><tr><td>2</td><td>DIC (B)</td><td>10% (Fixed) of A</td></tr><tr><td>3</td><td>IDC (C)</td><td>10% (Max) of A</td></tr><tr><td>4.</td><td>Warranty (D)</td><td>35% of A (Fixed)</td></tr><tr><td>5.</td><td>R&amp;M (E)</td><td>40% (Fixed) of A</td></tr><tr><td>6.</td><td>Estimated total Contract Value</td><td>Σ (A+B+C+D+E)</td></tr></table>	Sr. No.	Particulars	Total Value	1	Supply (A)	A	2	DIC (B)	10% (Fixed) of A	3	IDC (C)	10% (Max) of A	4.	Warranty (D)	35% of A (Fixed)	5.	R&M (E)	40% (Fixed) of A	6.	Estimated total Contract Value	Σ (A+B+C+D+E)
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9	Pg 3 / Point 9a	All the allocated quantity shall be dispatched within 30 days of the date of issuance of respective release order(s) / allocation intimation by EESL.	The first lot supply can start by 90 days and then 120 days and 150 days. You may consider this as unless the PO is received the manufacturing will not be taken up as the CCMS is not a stock item.		<b>Amended as:</b> The first PO will be issue after 60 days from the date of issuance of LoA. The delivery Schedule will be as per Rfp.																																										
10	Pg 4 / Point i	The manufacturing date for lot offered should not be more than 2 months old.			<b>Amended as:</b> The manufacturing date for all supplies under this RFP should not be more than 2 months old from the date of LoA issuance.																																										
11	Pg 5 / Point B	B. Schedule of Installation and Commissioning of CCMS • 30% of the Total PO Quantity within 60 days from the date of issuance of PO (release order). • 60% of the Total PO Quantity within 105 days from the date of issuance of PO (release order). • 100% of the Total PO Quantity within 150 days from the date of issuance of PO (release order).	Please consider 90 instead of 60 and 120 instead of 105. Reason: The production activity will be taken up based on the result of the tender and the PO. It involves procurement, testing etc.		As per RFP																																										
12	Pg 51 / Point 13.3	The Implementing Partner shall, within twenty-eight (28) days of the Notification of Award, provide securities for the due performance of the Contract for three percent (3%) of the Contract Price of all the Contracts	At some other place the document is talking of 10%. We request that EESL may consider 5% if not 3% to allow more liquidity to the vendors to be used for production.		As per RFP, Please refer to Page No.5 of 11 of SECTION-4 (Part-D - BDS)																																										
13	Pg 111 / A	The scope of the survey shall cover the minimum of these aspects.	whether EESL can get the survey done from a dedicated agency and then indicate the requirement ULB wise. This will be quite helpful to the bidders of this tender. This also provides a cross check to the bidders		As per RFP																																										
14	Pg 112 / Point 22	The survey to be completed within 7 days from the date of PO from EES	This will be very challenging to complete the entire survey in 7 days. Please see our comments above requesting a third party survey in advance.		<b>Amended as:</b>  EESL will share the Location/ULB details to the successful bidder for Baseline Survey through email prior to 15 days from the date of PO issuance, in order to establish the exact requirement of CCMS. The Baseline survey is to be conducted as per attached format as <b>Annexure X</b> .  The Baseline Survey has to be completed by successful bidder within 15 days from the date of intimation. The PO will be issued on the basis of the Baseline Survey only.																																										
15	Pg 114 / p	has to establish field offices in the – state(s)	Minimum qty in any state can be guaranteed?		<b>Amended as:-</b>  Successful Bidder has to establish field offices cum warehouse at site(s) before commencement of supply at site with adequate manpower at appropriate levels to coordinate with all agencies concerned and monitor supply, storage, accounting and warranty redemption of CCMS as per the scope of work under the subject LOA during the entire period of contract.																																										
16	Pg 114 / C 3	if no earthing exists earthing has to be done as per engineering standards with the written approval from Client & EESL.	Can this earthing be made a standard requirement for all CCMS irrespective of metal/SMC/PC enclosure to make matters easy and a level playing field to all. This should not depend on permissions at the field.		As per RFP																																										

17	PG 114 / c 3	The successful Bidder/s has to ensure the pole earthing and three core shielded cable from fixture to pole earthing, if not, found at site of switching/ metering panels.	Three core shielded cable from fixture to pole earthing. Can this be explained or elaborated for more clarity.		As per RfP
18	Annexure-B, Pg 115 / 13	The Successful Bidder/s may carry out earth resistance of neutral conductor of supply network during the initial commissioning	CCMS is generally installed to switch only the LIVE output and the neutral to the LED lamps is connected to the overhead common neutral wire. So the neutral is tapped into CCMS only for the purpose of operation of electronic modules.		As per RfP
19	Pg 117 / D3	on which supplier must have the insurance to claim the value	EESL may consider an all India Insurance policy applicable to all CCMS.		<b>Amended as:</b>  The comprehensive maintenance contract covers all maintenance activity, any damage or malfunctioning of CCMS on account of storage, unauthorized handling etc. However, the R&M contract shall not be applicable for any damage in the CCMS or malfunctioning of CCMS due to any Act of God beyond the control of either of the Parties including earthquakes, heavy rains storms, tempest, whirlwinds, landslides, volcanic eruptions, fire or any calamities and riots.
20	PG 118 / 5	The Successful Bidders shall be responsible for timely manual execution of switching ON & OFF of the streetlights in case of failure of remote operation of CCMS with written intimation to EIC.	Given the warranty and R & M clauses there may be a time limit of say a maximum of one week on this manual operation. This will ensure a better compliance by all vendors. This should not be utilized by a vendor to reduce the cost.		As per RfP
21	PG 118 / 8	setup office cum maintenance center for each Client zone/ULB	any minimum CCMS or otherwise a mechanism to compensate in case of low quantity. For example if the qty in any one ULB is less than 250 Nos the billing will be for 250 Nos.		As per RfP
22	PG 118 / 9	Maintenance of the CCMS, where in all responsibility from the switching point control Panels to the Lighting Point, including the poles, UG Cables, Overhead Street light conductor, Junction Boxes, Connecting Cables, Switchgear, bimetallic connector etc. or what so ever is required,	This is going beyond the general scope of CCMS and intruding into the role of a DIC vendor. For example UG cable, over head conductor etc. may call for a different team and skill and tools. CCMS can be mounted on ground/pole and so does not need a bucket ladder. EESL may reexamine and restrict the scope.		<b>Amended as:</b>  Maintenance of the CCMS, where in all responsibility from the switching point control Panels to the Lighting Point connected to the CCMS.
23	PG 120 / E 2	It is pertinent to mention here that this warranty may be availed by EESL for the period ranging from	If warranty is not availed for say beyond 1 year what happens to the R&M. EESL may examine the possibility of splitting the R&M into two parts. One the remote R&M that includes SIM, Server and Dash board. The other part of R&M can be field activity like replacing the parts, preventive maintenance and attending to problems like loose contact, MCB trip, part replacement etc. If the field activity can be transferred to the DIC vendor the entire activity can be more economical and more efficient. The CCMS vendor will supply the product, provides OFFSITE warranty and will take care of the remote part of the R&M like SIM card etc.		As per RfP

24	PG 122 / 15	The feature proposed for Centralized Control & Monitoring System (CCMS) is indicative. However, bidders are free to offer their additional features/ applications, which should improve the overall functionality and reliability of the system. However, the	if the freedom is given some bidders may improve the system by way of modifications and this should not be treated as proprietary simply because others have not offered the same configuration. For example it may be possible that RTU may incorporate an SMPS, Communication module, and also Energy Metering function of class-1. This will improve the reliability and in any case the supplier will provide the warranty. EESL may please examine.		<b>Clarified as:</b>  This is only for additional features/applications, which should improve the overall functionality and reliability of the system. However, the CCMS and its any parts should not be a Proprietary items i.e. it will be as specified in Technical Specifications.
25	PG 122 / 16	Successful Bidder has to provide source code of the software to EESL	When interchangeability of parts is expected there is no need for source code to be given as this can lead to security problems.		As per RFP
26	PG 123 / 19	EESL reserves the right to award the works to the bidder to anywhere in India with no additional cost to EESL.	As requested earlier, it is better if the EESL can indicate the ULB requirement in advance for the bidders to have better information to help estimate the costs.		<b>Clarified as:-</b>  PAN India requirement.
27	Pg 125 / 11.3 Communication Module	Communication technology between CCMS unit and central server should be capable to run 2G/3G/4G as per availability in the site during the project period.	4G may be mandated to provide future ready as the 2G and 3G are being neglected presently by the network operators.	Communication technology between CCMS unit and central server should be capable to run on 4G with fall back to 2G.	As per RFP
28	Pg 126 / 1.2	Single phase (240 Volt P-N, Whole Current, Class 1.0) or a Three phase system (Wires 3 * 240 Volts P-N, Whole Current, Class 1.0) electronic controller and energy controller compiled as per IS: 13779 & CBIP-88 with add on MCB.	In case the energy meter is built into an RTU itself the IS 13779 will apply with the exception of the display	Single phase (240 Volt P-N, Whole Current, Class 1.0) or a Three phase system (Wires 3 * 240 Volts P-N, Whole Current, Class 1.0) electronic controller and energy meter.	As per RFP
29	Pg 126 / 1.2	For 20% quantity of CCMS units - 32 Amps of connected load to each phase is to be considered For 40% quantity of CCMS units -63 Amps of connected load to each phase is to be considered For the remaining 40% quantity of CCMS Units-100 Amps of connected to for each phase is to be considered.	This will make the CCMS as a product uniform making the cost estimation easy. This uniform model will also help the concept of interchangeability and facilitate the transfer of CCMS from ULB to ULB and from state to state. This also helps in maintain the spares and replacement easy and quick. In case there are circuits calling for more load, it will be economical to split the circuits to bring down the load and this will cost much less over all compared to the assumption based costing. More over since the exact number is not known and since EESL is expecting the vendor to cater to the actual field need it will be difficult to estimate the cost. A load of 7 kW offers a good scope to connect even up to 100 no's of 70W lamp.	A maximum Load of 7kW may be considered for Single phase CCMS and a maximum load of 15 kW (5kW per phase) may be considered for 3 phase model of CCMS.	<b>Amended as:-</b> For 65% quantity of CCMS units - 32 Amps of connected load to each phase is to be considered.  For 35% quantity of CCMS units -63 Amps of connected load to each phase is to be considered.
30	Pg 128 / 7	440V up-to 5 minutes between Phase - Phase	In reality 440 Vac can be present in case the neutral floats at the transformer. This will take some time for a DISCOM person to attend and rectify and so there is a need to specify longer duration.	The duration of fault can go beyond many hours and so this should be specified as at least 12 hours or better 24 hours.	As per RFP

31	Pg 129 / 2	Additionally, the controller should have a built in GPS module-based	Super Caps can give unlimited life cycles and can be airlifted with out any restriction and generally lasts for many years and can even withstand higher temperature levels also.	With a built in GPS back up for RTC need not be 7 years. It can be for few days either based on a battery or a super capacitor.	As per RfP
32	Pg 129 / 3	Magnet		this may be more applicable to consumer meters.	As per RfP
33	PG 130 / 14	00 C to 700 C	Indian ambient temp do not exceed 55.	0 deg to 55 Degrees.	As per RfP
34	Pg 135 / 3 / 3	Smart meter		Energy metering function	<b>Amended as :-</b>  Class 1.0 accuracy energy meter of Current rating of 10-60A
35	Pg 136 / 14	Earthing	To ensure uniformity and common pricing.	Mandatory to all	As per RfP
36	Page 136	R&M (E) 40% (Min.) of A	As explained earlier the R & M for both OFFLINE support and field support will involve cost which can not be recovered at the level of 40% of the Supply price. The best method is to split the R&M and the bidder should supply, install, commission, provide offsite warranty and then provides REMOTE R&M services as explained earlier. The field level R&M may be quoted separately subject to the condition that the qty in any one ULB will be a minimum of 250 Nos. Price bid may please be revised to accommodate this split.	REMOTE R&M (E1) 100% (Min.) of A Field R&M (E2) 100% (Min) of A	Clarified as: Please refer page 227, Clause D of Payment Terms.
37	PG 138 / LINE 1	IS 16444			<b>Amended As:</b>  Read all IS 16444 mentioned in RfP as IS 15707
38	Pg 140 / para 4	The supply schedule committed by vendor during the initial phase should be complied by vendor and failing to which will lead to requisite LD.		this will be provided by the bidder at what stage. After the bids were opened and the information was received from EESL about an impending LoA.	As per RfP
39	Pg 141 / 9	Walk through survey for analysis of existing infrastructure at ULBs while submitting bid:	This will be very difficult with out having the details about the ULBs at this stage.		As per RfP
40	Pg 148	Enclosure Size and Material			<b>Clarified as:</b>  Already mentioned in technical Specifications
41	Pg 149 / 4.1	Ability to communicate securely with via cellular networks (GSM / GPRS) and or RF networks	SINCE GSM and GPRS are 2G Technologies and as 2G is likely to be neglected or phased out.	Ability to communicate securely with via cellular networks (4G with fall back to 2G) and or RF networks	As per RfP
42	Pg 149 / 4.2	Communication technology between CCMS unit and central server should be 3G hardware devices, which should be capable to run 2G/3G/4G as per availability in the site.		Communication Technology should be 4G with fall back to 2G.	As per RfP
43	Pg 147 / 3.1	Enclosure should be made of fire- retardant FRS/SMC/Steel material and with impact resistance of IK10 & IP 65.	PC may be added	Enclosure should be made of fire- retardant FRS/SMC/PC/Steel material and with impact resistance of IK8 & IP 54.	As per RfP



44	Pg 148 / 3.6	The enclosure must be rust proof, termite proof, and water tight and non-hygroscopic in nature and shall conform to IP65.	We wish to inform that electronic devices like RTU, EM . should be robust enough to withstand situations where the CCMS door is left open for any reason. More over maintaining IP65 after any R&M like changing the cables is not guaranteed in reality as the sealing material at the cable gland will be removed. So what we are requesting is that RTU and EM should be rated for IP65 and the Enclosure should be rated for IP54 which is sufficient in preventing the rain water from entering into the enclosure.	The enclosure must be rust proof, termite proof, and water tight and non- hygroscopic in nature and shall conform to IP54.	As per RfP
45	Pg 149 / 5.2	Ability to show the status of each smart meter /LED on the dashboard.		Ability to show the status of each CCMS on the dashboard.	<b>Amended as:</b> Ability to show the status of each CCMS on the dashboard.
46	Pg 149 / 5.3	Inter-operability of all support services related to Smart meter units/LED.		Inter-operability of all support services related to CCMS	<b>Amended as:</b> Inter-operability of all support services related to CCMS
47	Pg 149 / 5.4	Ability to schedule and switch ON/OFF smart meter remotely through the dashboard		Ability to schedule and switch ON/OFF CCMS remotely through the Dashboard	<b>Amended as:</b> Ability to schedule and switch ON/OFF CCMS remotely through the Dashboard
48	Pg 150 / 6.1	System box with corrosion resistant metal enclosure with proper lock arrangement		System box with corrosion resistant metal / SMC/ FRP / PC enclosure with proper lock arrangement	As per RfP
49	Pg 150 / 6.3	Proper Earthing system	Please clarify	Need more details	As per RfP
50	Pg 150 / 6.4	IP 65 or 66 for complete CCMS system	The reliable operation of CCMS depends on how reliable the electronic systems like RTU and Energy Meter are. The design should be based on the philosophy that even if the CCMS door is open for any reason for any duration, the internal electronic items inside the CCMS Box such as Energy Meter or the Controller should not degrade or malfunction due to exposure to solids and liquids. Hence we propose that the RTU and EM should be IP65. Maintaining the IP65 for the CCMS Box during the R&M every time when R&M is carried out at site leading to change of cables will be cumbersome. Practically IP65 will not get maintained by the CCMS Box. Hence we propose that the Box should be IP54.	IP 54 for complete CCMS system	As per RfP
51	Pg 150 / 7.1	Single phase (240-volt P-N, whole current, class 1.0) or a Three phase system (Wires 3*240 Volts P-N, Whole Current, Class 1.0 electronic controller and energy controller complied as per IS: 13779 & CBIP-88 with add on MCB		Single phase (240-volt P-N, whole current, class 1.0) or a Three phase system (Wires 3*240 Volts P-N, Whole Current, Class 1.0 electronic controller and energy METER	As per RfP
52	Pg 150 / 7.2	Same as 7.1	REPETITIVE	To be removed	As per RfP

53	Pg 150 / 8.2	Current -----05 - 63 A for each phase (Withstand 120% I <sub>max</sub> ) Starting current - 0.2%I <sub>b</sub>	5 to 30 Amps load per phase is sufficient.	Current -----05 - 30 A for each phase (Withstand 120% I <sub>max</sub> ) Starting current -0.2%I <sub>b</sub>	As per RfP
54	Pg 150 / 8.5	Withstand voltage---- 440V up-to 5 minutes between Phase-Phase	Since it may take a few hours for the fault to be rectified.	Withstand voltage---- 440V up-to 24 HRS between Phase-Phase	As per RfP
55	Pg 151 / RTC	The controller has a built-in-calendar & clock having an accuracy of +/-1 minute per year or better, however meter may confirm to accuracy as per IS 13779. A separate internal Lithium battery back-up is	Once the system acquires the time related parameters from the GPS module continuously and so the back up is required only for short period to meet temporary power interruptions. In case of power failure beyond 48 hours the system can acquire all the time related info again and so the back up is not needed beyond 48	The controller shall have built in GNSS based RTC with a back up of 48 hours	As per RfP
56		provided for continuous operation of controller RTC for at least two years under controller unpowered conditions.	hours and so the cost will be less.		As per RfP
57	Pg 151 / Tamper	Tamper – Magnet	Not relevant for Street Light Loads		As per RfP
58	Pg 152 / Communication	Controller store data can be downloaded through its optical port or USB using HHT (Hand Held Unit) or directly by Laptop using base computer software. Controller should be able to interface with the communication module through a serial port.		Controller store data can be downloaded through its optical port or USB using HHT (Hand Held Unit) / Laptop / Smart Phone.	As per RfP
59	Pg 152 / Operating Temperature	0°C to 70°C	In India 55 deg C operating ambient is sufficient.	0°C to 55°C	As per RfP
60	Pg 152 / 10.1 Controller Sealing	As per IS 13779 and CEA Metering Regulation 2006	RTU and the EM should be sealed to IP65 as explained above.	As per IP 65	As per RfP
61	Pg 153 / Resistance of Heat and Fire	The terminal block and Controller case have safety against the spread of fire. They will not be ignited by thermal overload of live parts in contact with them as per the relevant IS 13779.	This Fire Retardant quality is not just limited to Energy Meter but to all interconnections.	The terminal block and Controller case have safety against the spread of fire. They will not be ignited by thermal overload of live parts in contact with them	As per RfP
62	Pg 153 / MCB	Should conform to IEC62053/62054 MCB along with design for protection & auto-recovery/self-healing is accepted.	MCB as switch gear item shall comply with IEC60898 which is the standard for Electrical accessories – Circuit-breakers for overcurrent protection for household and similar installations	MCB should confirm with IEC60898	<b>Amended as:</b> MCB should conform with IEC60898 (all IEC62053/62054 read as IEC60898)
63	Pg 156 / 15	Astronomical Timer for Streetlight Application	Since there is GNSS inside the controller and there is a warranty and r&m, there is no need of an additional astronomical timer. GNSS is already built in as per earlier clause.	To be removed	As per RfP
64	Pg 156 / 16	LCD (Six Digits 10mm'Smm, black lit) is provided to display the controller parameters		LCD / Smart Phone / HHU is provided to display the controller parameters	As per RfP
65	Pg 156 / 17	For 7.5KW Connected Load For 15KW Connected Load		Single Phase : 5 kW @ 230V Three Phase : 5 kW per phase @ 230 V Switchgear to be rated for 32A AC1 per pole	As per RfP

66	Pg 156 / 18.1	IP 65 or better enclosure box with min. 1K10 impact resi		IP 54 or better enclosure box with min. 1K-8 impact resistance	As per RfP
67	Pg 157 / 18.5	Mechanical Timer (during bypass mode)	Given the warranty and r&m conditions, this should not be a compulsory component.	To be removed	As per RfP
68	Pg 157 / 18.3	Class 1.0 accuracy Energy meter with IS- 13779		Class 1.0 accuracy Energy metering function (accuracy as per IS- 13779)	As per RfP
69	Pg 157 / 18.4	Battery of required AH	Super cap can help reliability	Battery / Super Cap of required AH	As per RfP
70	Pg 157 / 18.5	GSM/GPRS Module		4G with fall back to 2G	As per RfP
71	Pg 157 / 18.6	Microcontroller Module		Microcontroller Module / RTU	<b>Amended as:</b> Microcontroller Module / RTU
72	Pg 157 / 18.7	Contactar		Contactar / Latch Relay	As per RfP
73	Pg 160 / Tamper Test 9.5	Earth Load : Current Unbalance between phase and neutral by more than 6.25 % and Active power should be > 20W	Lamp neutrals are connected to the common overhead neutral line and not from the CCMS Panel neutral output. Hence this may lead to faulty tamperers.	To be removed	As per RfP
74	Pg 160 / Tamper Test 9.7	Neutral Disturbance : Vrms<115V& Active Power > 2W , Current drawn >.25 A	Same as above	To be removed	As per RfP
75	Pg 160 / Tamper Test 9.6	Magnetic Tamper : Meter under Magnetic Influence ( Meter run at Vref ,Imax, UPF )	Magnetic tamper not relevant in street light circuits	To be removed	As per RfP
76	Pg 160 / Tamper Test 9.13	Magnet test : AC/DC magnet test is as per the board specification & CBIP – 325 (latest amendment ) i.e meter records energy at Imax under magnetic influence condition.	Magnetic tamper not relevant in street light circuits	To be removed	As per RfP
77	Pg 162 / Mandatory Certificates:-	MCB should conform to IEC62053/62054	MCB as switch gear item shall comply with IEC60898 which is the standard for Electrical accessories – Circuit-breakers for overcurrent protection for household and similar installations	MCB should confirm with IEC60898	<b>Amended as:</b> MCB should conform with IEC60898 (all IEC62053/62054 read as IEC60898)
78	Pg 167 / GCC 13.3.1	Contract Performance Guarantee (CPG) / Contract Performance Security (CPS)	EESL may consider 5% CPG.		No change
79	Pg 120 clause E Warranty Clause-1 & 2		Please specify the exact period of warranty of 1 yr. or 7 yr.		<b>Clarified as:</b> Comprehensive onsite warranty shall be taken as per the requirement of EESL in confirmative with client agreement. It is pertinent to mention here that this warranty may be availed by EESL for the period ranging from one year to 7 years on a requirement basis. Warranties for less than a year (i.e fraction of a year) shall be adjusted pro – rata in terms of month
80	Pg 111/ Baseline survey	the bidder has to do a detailed survey	Please keep the survey specific to lights and switching points only as in the past experience, while installation, the onus of rectifying and changing the cables, DISCOM meters and other infra related issues are given on bidder's shoulders by the ULB officials. Resulting in non clarity and hampering of O&M activities.		<b>Amended as:</b> EESL will share the Location/ULB details to the successful bidder for Baseline Survey through email prior to 15 days from the date of PO issuance, in order to establish the exact requirement of CCMS. The Baseline survey is to be conducted as per attached format as <b>Annexure_X</b> .  The Baseline Survey has to be completed by successful bidder within 15 days from the date of intimation. The PO will be issued on the basis of the Baseline Survey only.

81	Pg. 112/ point no. 21	All the reports to be verified by the ULB officials	It has been observed in the past that the ULB officials are not very keen in signing the reports OR verifying it (survey, installation or other IDC used) please amend it suitably as "Verified by the EESL in-charge and the bidder only. All other verification with the ULB should be in the EESL's scope of work.		<b>Amended as:</b>  All reports shall be submitted by the agency according to ULB-wise, as per the attached Baseline Survey format as Annexure_X with duly signed by EESL Representative.
82	Pg 115/ clause 17	Preventive maintenance	Once the bidder is already doing the maintenance as per scope of work, what is the need of preventive maintenance. This gives the ULBs a window of opportunity to exploit bidder's manpower, resources and ask for replacing the material which is not in bidder's scope of work and the ownership of such material is either ULBs of DISCOMs. Please suspend this clause.		<b>Amended as:</b>  <b>W.r.t Clause Pg 115, point no. 17 and Pg 117, Point no. 4</b>  Preventive maintenance defined as " Successful bidder has to establish a schedule Bi monthly routine inspections of each CCMS to Check for physical damage, loose connections, and signs of wear and tear. Create a maintenance calendar specifying tasks like cleaning, tightening connections, and inspecting for pests."
83	Pg 116/ point 24		The bidder can only replace the material due to manufacturing defect. Any other malfunction in the CCMS due to external factors such as poor earthing, poor power supply, high voltage/ surge etc, the number of such occurrence should be limited to 1 or 2 (max of 2 times the bidder shall replace) and not an open ended endless supply of spares or a complete new CCMS unit.		As per RfP
84	Pg. 116/ point 25		EESL should provide prior approval in writing as most of such parts shall be brought to the ULBs notice during the survey. Bidder shall only be allowed to use such parts only once approved by the EESL. The payments in lieu of such parts should not be linked with the payments from the client.		As per RfP
85	Pg 118/ point 7		The scope of bidder is only limited to SITC of CCMS for 7 years, any other vendor such as LED vendors due to any unfortunate occurrence should not be allowed to operate on bidder's CCMS at any cost as such losses are huge and have not been taken up by the EESL in the past (bye-passing the system, breaking the locks, suspending the connection or any other incident which interrupts the operations of the CCMS in order to indemnify the EESL from such losses.		As per RfP
86	Pg. 118/ point 9		UG cables, poles, lighting points and all other things related to infra are the property of either the DISCOM or the ULB. Bidder should be left out to maintain the ULBs own infrastructure.		<b>Amended as:</b> Maintenance of the CCMS, where in all responsibility from the switching point control Panels to the Lighting Point connected to the CCMS.

87	Pg. 104/ Eligibility Criteria B	Clause- 1.1.1 for a work order of 24.15 Cr OR 2 work-order OR 3 work-order	All such works in the past for SITC of CCMS have been floated by the EESL only on a PAN India basis. No ULB has directly or indirectly have floated such a work order in the last 3 yr. for the CCMS. Considering the above reasonable explanation, the work order clause should be suitably amended. It is also proposed that the Avg. up time of more than 90% may also be considered so that the quality of workmanship and O&M can also play a big role. As the EESL already has access to dash board data and the Avg. uptime can be easily ascertained, resulting in awarding work to sustainable and reliable CCMS vendors and not just the lowest bidder.		As per RfP
88	Section no. 4 Part B Page no. 3 Para no./ clause no. 1.1.1.	Bidder should be an Original Equipment Manufacturer (OEM) of Centralized Control & Monitoring System (CCMS) equipment /Electricity distribution & control apparatus /group controller equipment and should have successfully executed / completed. 'Similar work' in the last 3 years, as on the originally scheduled date of bid opening (i.e., date of bid opening as per NIT) in DISCOMS (both private &/or Government Distribution Company)/Government Department/Public Sector Undertaking (PSU)/Urban Local Body (ULB) /any other Govt. Organization. - Single Work Order valued not less than Rs. 2414.58 Lakhs OR - Two Work Orders each valued not less than Rs. 1509.11 Lakhs OR - Three Work Orders each valued not less than Rs. 1207.29 Lakhs	To give fair chance to vendors who has not worked with EESL in past we request you to reduce the work order value criteria as single work order valued not less than Rs. 190 Lakhs. Also allow Work order form private entity who has further used OEM device in government projects.	Reasoning: EESL is not going to consume all quantity at one go. PO will be released as per need.	As per RfP
89	Section no. 4 Part B Page no. 4 Para no./clause no. 1.2.1	Bidders should have an Average Annual Turnover (ATO) of at least Rs. 905.47 Lakhs during the last 3 Financial Years. Note: It may be noted that existence of Bidder for 1 FY will suffice the purpose. Accordingly, for calculation of ATO, the audited financial figures as available shall be considered, however, in case of ATO for less than 3 years the financial figures for available years shall be averaged out for 3 years (i.e., total available Turnover shall be divided by 3) for Financial QR compliance.	To give fair chance to vendors who has not worked with EESL in past we request you to reduce the Turn over criteria to 90.547 Lakhs	Reasoning: EESL is not going to consume all quantity at one go. PO will be released as per need.	As per RfP
90	Section no. 4 Part B Page no. 4 Para no./ clause no. 1.2.2	Bidder shall have liquid assets (L.A) or/ and evidence of access to or vailability of credit facilities of not less than Rs. 754.56 Lakhs.	To give fair chance to vendors who has not worked with EESL in past we request you to reduce the LA criteria to 75.456 Lakhs	Reasoning: EESL is not going to consume all quantity at one go. PO will be released as per need.	As per RfP
91	Section No..... B Page No.....106 Para No/Clause No 1.1.1	Bidder should be an Original Equipment Manufacturer (OEM) of Centralized Control & Monitoring System (CCMS) equipment/Electricity distribution & control apparatus /group controller equipment and should have successfully executed / completed 'Similar work' in the last 3 years, as on the originally scheduled date of bid opening (i.e., date of bid opening as per NIT) in DISCOMS (both private &/or Government Distribution Company) /Government Department/Public Sector Undertaking (PSU)/Urban Local Body (ULB) /any other Govt. Organization	We are CCMS OEMs and supply to many "companies working in Lighting projects for government" organisations. Please also accept the work orders from the Lighting Manufacturers and "EPCs additional to existing government" bodies.		As per RfP
92	Section No ..B Page No.....106 Para No/Clause No 1.1.1	- Single Work Order valued not less than Rs.2414.58 Lakhs OR - Two Work Orders each valued not less than Rs. 1509.11 Lakhs OR - Three Work Orders each valued	Please Clarify if 25% "of work order values applicable for MSMEs" not less than Rs. 1207.29 Lakhs		<b>Clarified as :</b>  Please refer Annexure II, for MSME and Start up
93	Section No..... B Page No.....107 "Para No/Clause No 1.2.1"	Bidders should "have an Average Annual Turnover (ATO) of at least Rs. 905.47 Lakhs" during the last 3 Financial Years.	Please Clarify if 25% "of ATO applicable for MSMEs"		<b>Clarified as :</b>  Please refer Annexure II, for MSME and Start up conditions

94	Section No..... B Page No.....107 Para No/Clause No 1.2.2 Section No..... B Page No.....106  "Para No/Clause No 1.1.1"	Bidder shall have liquid assets (L.A) or/ and evidence of access to or availability of credit facilities of not less than Rs.754.56 Lakhs.	Please Clarify if 25% of L.A. value applicable for MSMEs		<b>Clarified as :</b>  Please refer Annexure II, for MSME and Start up
95	Section No..... B Page No.....108 Para No/Clause No 1.2.3	The net worth of the bidder in immediate last financial year should not be less than 100% of paid-up share capital or capital	Please clarify if any relaxation applicable for MSMEs		As per RfP
96	Section No..... Page No.....167 Para No/Clause No GCC 13.3.1	"Contract Performance Guarantee (CPG) / Contract Performance Security (CPS) Within twenty-eight (28) days of the receipt of the Notification of Award (NOA) of Contract from EESL, the bidder(s) shall furnish Security Deposit (SD)/Contract Performance Guarantee (CPG) in the form of a DD/Bank Guarantee (BG)/ e-BG of value equaling 10 % of the total Contract value. The SD/CPG Bank Guarantee must be valid to cover the period of 1 year from the date of NoA/LoA + warranty period (i.e. 7 years) + three (3) months' Claim period."	Please clarify if any relaxation applicable for MSMEs		As per RfP
97	Section No..... Page No.....118 Para No/Clause No 12	"During the maintenance phase, the Successful Bidder is required to set up a monitoring facility comprising of Data Monitoring Personnel(s), Computers, Display screens, Internet, Landline/Mobile (for co- ordination with site staff) etc. in appropriate numbers specific to the ULB for assessment of CCMS generated data on day- to-day basis. This can also be at a place other than project site if the Successful Bidder can meet the functional requirements."	Please clarify if the cost of setting up Command centre be in the scope of EESL, or in the scope of Bidder.		<b>Amended as:</b>  During the maintenance phase, the Successful Bidder is required to set up a monitoring facility comprising of Data Monitoring Personnel(s), Computers, Display screens, Internet, Landline/Mobile (for co-ordination with site staff) etc. in appropriate numbers for assessment of CCMS generated data (ULB wise) on day-to-day basis. This can also be at a place other than project site if the Successful Bidder can meet the functional requirements .
98	Section No..... Page No.....122 Para No/Clause No 15	"The feature proposed for Centralized Control & Monitoring System (CCMS) is indicative. However, bidders are free to offer their additional features/ applications, which should improve the overall functionality and reliability of the system. However, the CCMS should not be a Proprietary item. "	Please clarify if we Can offer our own proprietary Design of CCMS		<b>Clarified as:</b>  This is only for additional features/applications, which should improve the overall functionality and reliability of the system. However, the CCMS and its any parts should not be a Proprietary items i.e. it will be as specified in Technical Specifications.
99		The comprehensive maintenance contract covers all maintenance activity, any damage or malfunctioning of CCMS on account of storage, unauthorized handling etc. However, the R&M contract shall not be applicable for any damage in the CCMS or malfunctioning of CCMS due to any Act of God beyond the control of either of the Parties including earthquakes, heavy rains storms, tempest, whirlwinds, landslides, volcanic eruptions, fire or any calamities and riots on which supplier must have the insurance to claim the value accordingly.	1. In the case of CCMS upon supply & billed to EESL, subsequently the asset is owned by EESL. The insurance is applicable only upto the transportation to EESL godown. Hence the insurance upon installation & MA will not be under scope of supplier. Insurance company will give insurance to only asset owner. 2. The statement of <b>any damage</b> may not be considered under scope which is vague. As the insurance by EESL to cover any damages like vehicle accidents etc., Hence the scope covers only the maintenance of ccms, repairs during malfunctioning of CCMS. 3. the statement says that R&M contract does not apply to acts of GOD beyond control of either parties and mentions again that scope of such is under supplier. insurance for this to be under EESL as these will be asset of EESL and insurance company wil provide only to EESL.		<b>Clarified as :</b>  Please refer the insurance clause under Rfp.

100		The Successful Bidders shall indemnify EESL from any losses on any account during the installation and maintenance period after take over the street light network with CCMS till the handing over back to authorized representative.	Generic statement - <b>indemnify EESL from any losses on any account</b> There can be many scenarios of loss in the streetlight network from Power failure, manual operations during streetlights maintenance, cables short / cable issues and other infrastructure issues of ULB's. please Specify the type of losses.		As per RfP
101		Maintenance of the CCMS, where in all responsibility from the switching point control Panels to the Lighting Point, including the poles, UG Cables, Overhead Street light conductor, Junction Boxes, Connecting Cables, Switchgear, bimetallic connector etc. or what so ever is required, shall be extended to be covered within the scope of Successful Bidders for the project.	<b>Generic statement: The objective of CCMS is the switching operations -group control, protection and transmission of the data. The maintenance of ccms does not covers the cable laying related to Lighting Point, or maintenance of the poles, UG Cables, Overhead Street light conductor, Junction Boxes, Connecting Cables, Switchgear, bimetallic connector, and these operations falls under the DIC of streetlights &amp; under ULB scope. The same statement may be modified to cover only upto maintenance of CCMS.</b>		<b>Amended as:</b>  Maintenance of the CCMS, where in all responsibility from the switching point control Panels to the Lighting Point connected to the CCMS.
102		During the maintenance phase, the Successful Bidder is required to set up a monitoring facility comprising of Data Monitoring Personnel(s), Computers, Display screens, Internet, Landline/Mobile (for co-ordination with site staff) etc. in appropriate numbers specific to the ULB for assessment of CCMS generated data on day-to-day basis. This can also be at a place other than project site if the Successful Bidder can meet the functional requirements.	<b>Generic Statement:</b> The locations of CCMS-supply & installations along with quantities in those locations are not specified, EESL has to mention in details USB will also ask to set up entire office in their office irrespective of QTY supplied per ULB		<b>Amended as:</b>  During the maintenance phase, the Successful Bidder is required to set up a monitoring facility comprising of Data Monitoring Personnel(s), Computers, Display screens, Internet, Landline/Mobile (for co-ordination with site staff) etc. in appropriate numbers for assessment of CCMS generated data (ULB wise) on day-to-day basis. This can also be at a place other than project site if the Successful Bidder can meet the functional requirements .
103		In case of any losses arising due to CCMS infrastructure maintenance shall be in the scope of the successful Bidder.	<b>Generic statement:</b> <b>please Specify the type of losses</b>		As per RfP
104		1.In this Tenders ULB locations and QTY are not specified, Which is required to calculate the R&M Cost. Further we request to you please take the location preference from the vendors this is required O&M for 7 years, it is not feasible to various vendors to work in all locations 2.the clause may be updated as "one team for minimum 250nos. Further during maintenance there is no need of four or three wheelers for CCMS maintenance as the parts are not big as streetlights. This clause may be amended to three wheeler or two wheeler. The locations / ULBs with numbers may be provided.			As per RfP

105		<p>Switching on Overload/Over current Controller will continue monitor over current &amp; overload condition against the threshold defined in controller and if condition persist for predefined time period (default 5 minutes) then disconnection of switch will occur provided the overload is within 150% of the threshold defined. Controller will reconnect the switch after some predefined time interval (default 10 minutes) and will check again for the event condition, if condition persist again, switch will disconnect again else will run normally. In case of disconnection, controller will try for defined trial count (default 5 count) and after that will disconnect the switch for long defined sleep period (default 30 minutes).</p> <p>After sleep period switch reconnect, activity will restart in same described manner. Every switching operation will be logged in meter.</p>	<p>1.The CCMS operates based on the specifications given by EESL like the limits of overload conditions -overvoltage, overcurrent, wherein CCMS trips and protects the lights. However, the same is considered as tripping by local people &amp; officials and local people will immediately switch on the system in manual mode. This leads to damage of the components of CCMS &amp; Lights. The defined trial count may be (default 2 count).</p> <p><b>2.Subsequent to survey, the officials are mentioning to keep overrating MCBs i.e. if requirement is of 16Amps they are asking to keeping 32Amps or if 25Amps requirement then team is asking for 63Amps which is hampering the protection mechanism leading to failure of lights &amp; CCMS malfunctioning. Hence based on the survey data, CCMS supplier will consider the requirements &amp; finalize the ratings of the components.</b></p>	<p><b>The clause no. of Pg 126 / 1.2 is Amended as:-</b></p> <p>Rating of the CCMS units for each phase (including rating of safety equipment's - MCB, Relay, etc. and as per Amps, wire rating should also be noted) should be</p> <p>For 65% quantity of CCMS units - 32 Amps of connected load to each phase is to be considered.</p> <p>For 35% quantity of CCMS units -63 Amps of connected load to each phase is to be considered.</p>
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### Annexure-X

LoA No:																
ULB Name:																
Date:																
S.No.	Lat/Long/ GPS location of existing timer switch	Manual Location/ Locality name	Connected existing load on the switching point								IDC			CCMS required		
			20W	40W	70W	90W	120W	250W	_____ W	Total No of lights	total connected/ existing load in kW	earthing Available Y/N	pole mounted Or grounded	Phase Conductor Available Y/N	Site ready for CCMS installation (Yes/No)	Required Phase of CCMS (Single/three)
Total																
<div style="display: flex; justify-content: space-between; align-items: flex-end; padding: 5px;"> <div>Signature Vendor Rep:</div> <div>Verified by EESL Rep</div> <div>EESL State Head</div> </div>																

## **Annexure – Y (Revised Evaluation Criteria)**

➤ **Clause No.11 of Section-4, Part-C: -Evaluation Criteria is Amended as below:-**

- a. The bids shall be evaluated as per RFP Terms & Conditions.
- b. Price Bid's evaluation will be carried out based on the unit rate quoted by the bidder for supply of CCMS. Other fields are auto calculated.
- c. The bidder with the lowest price per package (i.e. A+B+C+D) shall be designated as the lowest bidder (L-1) of respective package.
- d. EESL intends to split the total order quantity of each item to maximum three (3) firms in respective packages. The allocation of quantity among bidders in case of order to be split other than L-1 shall be based on the ascending order of their originally quoted price (i.e., L-2, L-3, \_ \_ L-n bidders) subject to unconditional matching the overall L-1 price for complete scope of work. The award to such bidder(s) shall be subject to their unconditional acceptance of L1 bidder's accepted rates for each element.

L1	L2	L3
50%	30%	20%

- e. All such bidders, subject to a maximum of three, shall also be issued the Rate Contract (RC) Order.
- f. In case, the firms issued with RC Orders are unable to deliver the quantities as required, or falter in performance of the contract, EESL reserves the right to terminate the contract and approach other firms at the risk and cost of the defaulting bidder. Further, this right is without prejudice to the other available rights of EESL under the law.
- g. It will, however, be the sole discretion of EESL to award the quantity irrespective of the band provided above, depending upon various factors, including the bidder's capacity, as assessed by EESL. In case, RCs are required to be placed on MSEs as per Public Procurement Policy for Micro and Small Enterprises (MSEs), provisions as mentioned at Annexure- II of Rfp shall be followed.
- h. Please note that Tender Conditions applicable for MSE and Start-ups are mentioned at Annexure-II.
- i. In case of availability of only 2 techno-commercially responsive bidders, the splitting criteria shall be as below:

L1	L2
70%	30%

In this case, the remaining quantity i.e. up to 20% may be awarded to L1 Bidder (over & above 50 %) in proportion to meeting the experience & financial qualification requirement (as per QR corresponding to the 70% criteria), In event of L-1 bidder meeting the Experience & Financial qualification requirement greater than 50% criteria but less than 70%, remaining quantity to be awarded to L-2 bidder after exhausting maximum quantity to L-1 bidder up to the limit to which the L-1 bidder meets the experience & financial qualification requirement criteria.

- j. In case of single vendor situation, award may be given for the 50% of quantity after establishing rate reasonability by EESL. However, EESL reserves the right to award more quantity (above 50 % but not exceeding the 100% of respective package) in proportion to meeting the corresponding experience & financial qualification requirement (as per QR) up to the limit to which the bidder meets the experience & Financial qualification requirement criteria.
- k. Prices will remain firm till the execution of the contract and nothing shall be payable extra apart from the prices quoted above.
- l. Bidders to quote only for the prices for supply of CCMS. Other elements shall get automatically calculated to arrive at total price in the following ratio:

Sr. No.	Description	Unit Rate	Quantity	Total Value
1.	Supply	a	q1	A (a X q1)
2.	Warranty for 7 years	b	q1	B (35% of A) (i.e., 5% per year)
3.	DIC	c	q1	C (10% of A)
4.	R & M for 7 years	d	q1	D (40% of A) (i.e., approx. 5.71% per year)

**For Example:**

Sr. No.	Description	Quantity	Unit Rate	Total Value
1.	Supply	100	1,000	1,00,000
2.	Warranty for 7 years	100	350	35,000 (i.e., Rs.50 per year) (auto calculated)
3.	DIC	100	100	10,000 (auto calculated)
4.	R & M for 7 years	100	400	40,000 (i.e., approx. Rs. 4.77 per CCMS per month) (auto calculated)
<b>GRAND TOTAL</b>				<b>1,85,000 (auto calculated)</b>

In event of any discrepancy observed in the online price bid format and the above philosophy, the anomalies shall be arithmetically corrected as per the above indicated calculations considering unit rate as the nodal element for calculations.

- m. In case of a tie (where total evaluated price of two or more bidders are same), bidder having the highest value of average annual turnover, as considered for meeting ATO requirement under Financial QR of the Bidding Documents, would be considered for award.

**Note:**

1. Bidder has to quote only the unit rate for supply of CCMS, other fields are auto calculated.
2. In line with the above philosophy, all other related clauses mentioned in the tender document are considered to be aligned accordingly and this shall supersede the relevant clauses mentioned anywhere in the tender document in case of any contradiction.
3. Bidder has to submit their bid in line with the aforesaid evaluation criteria. No further consent will be taken for awarding the additional quantities if any (over & above 50% & up to 100%) in event of above situation(s).

# Revised Annexure-III

**(Price-Bid Format)**  
**(For Reference Purpose Only, please fill it online only)**

**NIT/Bid Document No.:** EESL/06/2023-24/OTE/CCMS/232408016 **Dated:** 08.08.2023

**Name of Work:** Design, Manufacturing, Supply, Installation, Commissioning, Testing and Maintenance of Centralized Control Monitoring System (CCMS) for installed LED lights.

**Package 1 (Single Phase):**

Sr. No. (Part)	Description of Work	Quantity to be quoted.	Unit of Measurement (UOM)	Base price per unit exclusive of GST (IGST/SGST/CGST/UGST) (in Rs.) on F.O.R Destination Basis	Total Amount exclusive of GST (IGST/SGST/CGST/UGST) (in Rs.) on F.O.R Destination Basis (In Figure)	Total Amount exclusive of GST (IGST/SGST/CGST/UGST) (in Rs.) on F.O.R Destination Basis (In Words)
	1	2	3	4	5=4*2	6
A	Supply of Single phase of <i>Centralized Control &amp; Monitoring System (CCMS)</i> with current ratio of 10-60A at each switch point.	14,336	Nos.			
B	Unit Rate for Comprehensive on-site warranty for 7 years (in Rs.) i.e., 35% of A (payment @flat 5% per year for 7 years)	14,336	Nos.	To be auto calculated (35% of A)		

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C	Installation and commissioning of Single phase CCMS at each switch point i.e., 10% of A	14,336	Nos.	To be auto calculated (10% of A)		
D	Repair and maintenance charges per month per CCMS (for Single phase CCMS including providing of SIM card and SIM recharge or any other maintenance charges) for the period of 7 years. i.e., 40% of A	14,336	Nos.	To be auto calculated (40% of A)		
<b>Grand Total (A+B+C+D)</b>						

Revised Annexure-III

**Package 2 (Three Phase):**

Sr. No. (Part)	Description of Work	Proposed Quantity	Unit of Measurement (UOM)	Base price per unit exclusive of GST (IGST/SGST/CGST/UGST) (in Rs.) on F.O.R Destination Basis	Total Amount exclusive of GST (IGST/SGST/CGST/UGST) (in Rs.) on F.O.R Destination Basis (In Figure)	Total Amount exclusive of GST (IGST/SGST/CGST/UGST) (in Rs.) on F.O.R Destination Basis (In Words)
	1	2	3	4	5=4*2	6
A	Supply of Three phase of <i>Centralized Control &amp; Monitoring System (CCMS)</i> with current ratio of 10-60A at each switch point.	7799	Nos.			
B	Unit Rate for Comprehensive on-site warranty for 7 years (in Rs.) i.e 35% of A (payment @flat 5% per year for 7 years)	7799	Nos.	To be auto calculated (35% of A)		
C	Installation and commissioning of Three phase <i>CCMS</i> at each switch point as per Configuration-2 of tender document i.e., 10% of A	7799	Nos.	To be auto calculated (10% of A)		
D	Repair and maintenance charges per month per CCMS (for Three phase CCMS including providing of SIM card and SIM recharge or any other maintenance charges) for the period of 7 years. i.e., 40% of A	7799	Nos.	To be auto calculated (40% of A)		

### Revised Annexure-III

<b>Grand Total (A+B+C+D)</b>		
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**Note:**

1. The above contract price is inclusive of Supply, Dismantling, Installation, commissioning, including loading, unloading, transfer to site, insurance, comprehensive on-site warranty and other costs incidental to delivery. Any other charges/cost/TA/DA is also included in the above contract price.
2. Part A i.e., supply of materials include the price of Supply only. Supply Prices to be quoted F.O.R to Destination Basis.
3. Part B i.e., Comprehensive onsite warranty shall be taken as per the requirement of EESL in confirmative with client agreement. It is pertinent to mention here that this warranty may be availed by EESL for the period ranging from one year to 7 years on a requirement basis. Warranties for less than a year (i.e fraction of a year) shall be adjusted pro – rata in terms of month.
4. The bidder needs to fill up Part A of above table of each package, (i.e, Base price per unit exclusive of GST for Supply of Single phase of *Centralized Control & Monitoring System (CCMS) and Part-B, C & D* will be automatically calculated in the price table as 35% of A (i.e. @ flat 5% per year for 7 years), 10% of A and 40% of A respectively, for which separate analysis/ reasonable estimation of all heads should be done by the bidder before quoting the rates in the financial bid. Any contravention may lead to rejection of offer submitted OR EESL may withhold reasonable payment.
5. Part D i.e., Repair and Maintenance of *CCMS* above as per Configuration– of Street Light Controller including SIM card and SIM recharge or any other maintenance shall be taken as per the requirement of EESL in confirmative with client agreement. It is pertinent to mention here that this R&M may be availed by EESL for the period ranging from one year to 7 years on a requirement basis. R&M for less than a year (i.e fraction of a year) shall be adjusted pro – rata in terms of month. LoA shall be awarded accordingly,
6. The above prices are exclusive only of GST. Successful bidder mandatorily registered himself under GST act.
7. The bidder shall submit PAN and GST number in support of claim of GST.
8. The Bidder shall indicate in the Price Bid, the unit prices in Rs. (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.
9. If there is a discrepancy between words and figures, the amount written in words will prevail.
10. Any other item as required for commissioning the system for reliable and efficient operation to be provided within the quoted price.
11. Please note that selection of the bidder will be done on the technically acceptable and L-1 (Lowest One) price basis. Bidders to quote for all items otherwise their bid will be rejected.
12. Prices will remain firm till the execution of the contract.
13. Items will be supplied in proper packing to avoid any damage during transit and storage.

**THE END**

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