



एनर्जी एफिशिएंसी सर्विसेज लिमिटेड
विद्युत मंत्रालय के सार्वजनिक क्षेत्र के उपक्रमों की संयुक्त उद्यम कंपनी
ENERGY EFFICIENCY SERVICES LIMITED
A JV of PSUs under the Ministry of Power

Amendment No. 6

Ref: EESL/06/2025-26/Smart Meters/OTE/252608008/Amdt-6

Date: 22/08/2025

To,

All the prospective Bidders

Subject: Amendment No. 6 in NIT No: EESL/06/2025-26/Smart Meters/OTE/252608008 dated: 01.08.2025 for "Procurement of 8 Lakh Smart Meters for the State of Bihar – under Scaling up Demand Side Energy Efficiency Sector Project".

References:

1. NIT No: EESL/06/2025-26/Smart Meters/OTE/252608008 dated: 01.08.2025
2. Amendment No. 1: EESL/06/2025-26/Smart Meters/OTE/252608008/Amdt-1 dated 08.08.2025.
3. Amendment No. 2: EESL/06/2025-26/Smart Meters/OTE/252608008/Amdt-2 dated 11.08.2025.
4. Amendment No. 3: EESL/06/2025-26/Smart Meters/OTE/252608008/Amdt-3 dated 11.08.2025.
5. Amendment No. 4: EESL/06/2025-26/Smart Meters/OTE/252608008/Amdt-4 dated 14.08.2025.
6. Amendment No. 4: EESL/06/2025-26/Smart Meters/OTE/252608008/Amdt-4 dated 22.08.2025.

Dear Sir/Madam,

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

1. This has reference to the above mentioned NIT issued on 01.08.2025 and its subsequent amendments, if any for "Procurement of 8 Lakh Smart Meters for the State of Bihar – under Scaling up Demand Side Energy Efficiency Sector Project". The deliberated responses by EESL to the queries are hereby issued as Annexure – A.
2. The bid submission schedule remains unchanged and shall be as specified in the Amendment-5 i.e. as detailed below:
- 3.

Sr. No.	Description	Date and Time
1	Document Sale Date & Timing, i.e., Last Date & time for downloading RfP from website	Up to 29.08.2025 till 1100 Hrs. IST
	Offline and Online Bid Submission deadline	Up to 29.08.2025 till 1100 Hrs. IST
	Techno-commercial bid Opening Date & Time	On 29.08.2025 till 1130 Hrs. IST

This issues with approval of competent authority.

The prospective bidders are also advised to regularly keep visiting and checking the e-Procurement portal website (<https://eesl.eproc.in>) and tender wizard portal (<https://www.tenderwizard.com/EESL>) for any further forthcoming information / notice(s) / developments / amendment(s) / clarification(s) regarding the subject Tender.

Rest all the terms and conditions of the RfP and subsequent amendments, if any remains unaltered.

Thanking You,



For and On Behalf of EESL
वामसी मोहन
22.08.2025
Vamsi Mohan Undoori
Senior Manager (Contracts)

Registered Office: EESL, Ground Floor, Core-3, Scope Complex, 7 Lodhi Road, New Delhi-110003

Enabling More for Environmentally Conscious Indian

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Website: www.eeslindia.org

CIN: U40200DL2009PLC196789 | GSTIN: 09AACCE4248H1ZM



Annexure - A						
IFB NO.: NIT Bid Document No: EESL/06/2025-26/SmartMeters/OTE/252608008						
Name of the Tender/Package: "Procurement of 8 Lakh Smart Meters for Bihar under Scaling up Demand - Side Energy Efficiency Sector Project".						
Sr No.	Query Reference/ Clause as per RFP	Clause	RFP Section	Page	Query/Request by Bidder	Clarified as / Amended as
1	EESL intends to procure 8,00,000 smart electricity meters operating on GPRS communications suitable for 4G with fallback on 2G for deployment in the State of Bihar. Providers (TSPs)	Project Scope Clause 1.1	Section - IV (Part - C) Scope of Work & TS	88 of 254	Please confirm required GPRS communication 4G or 4G fall back to 2G. Both are added in other parts of the tender.	Amended as: 4G Accepted
2	Mobile Application which should have features of Smart Meter reading, with role based firmware upgrade / configuration, RTC etc.	Clause 1.3 Integration requirements with implementation partner(s) of existing/ subsequent tender of other components of AMI	Section - IV (Part - C) Scope of Work & TS	91 of 254	Mobile Application will not have the features of firmware upgrade; it will be done by the HES only.	Clarified as: Accepted
3	The terminals shall be of suitable rating to carry 200% of Imax and shall be made of electro -plated (or tinned) brass	Clause 8 General Constructions	Section - IV (Part - C) Scope of Work & TS	113 of 254	The terminals will be rated to carry 150% of Imax and constructed from electro-plated brass (Ni).	Clarified as: Accepted read as 150% Imax
4	Fundamental energy and Total harmonics distortion measurement	Clause 3.2 Smart Meter Basic Features	Section - IV (Part - C) Scope of Work & TS	110 of 254	The requirement is not specified in the data sheet of Annexure G. Could you please confirm if this requirement is needed?	Clarified as: As per Bihar GTP Approval
5	PIN outs may be provided as per below details -	13.2	Section - IV (Part - C) Scope of Work & TS	120 of 254	PIN Outs are provided as per OEM specific design of the smart meter. Hence, request delete this requirement.	Clarified as: As per Bihar GTP Approval
6	Seven segment LCD-Green in colour with 7 digit having 10X5 mm digit size.	Clause 8 General Constructions	Section - IV (Part - C) Scope of Work & TS	113 of 254	The seven-segment LCD will be green with six whole digits (10x5 mm each) and a decimal digit (5x3 mm).	Clarified as: As per RFP
7	TOU (Time of Use) The time zones shall be user programmable through authenticated MRI/ OTA command.	Clause 9 Meter Functionality	Section - IV (Part - C) Scope of Work & TS	116 of 254	Time zones will be user-programmable via an authenticated mobile app or OTA command.	Clarified as: As per RFP read as either MRI or OTA command



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Sr No.	Query Reference/ Clause as per RfP	Clause	RFP Section	Page	Query/Request by Bidder	Clarified as / Amended as
8	DATA DISPLAY FACILITY Meter shall display Icon on LCD for below tamper condition 3. Over Voltage 4. Low Voltage 5. Over Current 10 Over Load	Clause 12 Data Display Facility	Section - IV (Part - C) Scope of Work & TS	117 of 254	The meter should display an icon on the LCD or a suitable legend for the tamper condition.	Clarified as: As per Bihar approval
9	1. Payment of 100% of GST and 60% of invoice value (excluding GST) upon delivery of material at site / warehouse for the quantity supplied subject to following: a) Submission and acceptance of DLMS Compliance Matrix, APIs, Data Exchange information and Test Procedures and Type test reports. b) Acceptance of purchase order. c) Submission of the necessary Contract Performance Bank Guarantee. d) PDI report and Material Delivery Clearance Certificate (MDCC) (Payment shall be released within 30 days after receipt of original monthly-raised Tax invoice at EESL for the supplies delivered, with receipt acknowledged, signed and stamped by EESL authorized representative at designated project location.)	Supply/Installation/warranty Phase	Section - VI Forms and Procedures	227 of 254	Please amend as below inline of previous RFP 1. Payment of 60% of Invoice value along with 100% applicable taxes for the quantities delivered at Site / warehouse shall be made subject to following: a) Submission and acceptance of DLMS Compliance Matrix, APIs, Data Exchange information and Configuration Diagram, Test Procedures and Type test reports. b) Acceptance of purchase order. c) Submission of the necessary Contract Performance Bank Guarantee. d) PDI report and Material Delivery Clearance Certificate (MDCC) e) Against the submission of BG of 40% of eligible payments (Instead of 30% + 10%) in a month (Invoices submitted to EESL at the end of respective month) for supply and commissioning valid upto 6 months post delivery + 3 months claim period. In case of delays in integration and commissioning for the reasons not attributable to the Supplier, then this 40% BG shall be released as per the	Clarified as: As per RfP
10	1. Remaining 30% payment on Integration and commissioning of supplied smart meters with the AMI solution. This shall be released within 30 days after 3 months post successful	Integration and Commissioning Phase	Section - VI Forms and Procedures	227 of 254		



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Sr No.	Query Reference/ Clause as per RFP	Clause	RFP Section	Page	Query/Request by Bidder	Clarified as / Amended as								
	integration of the targeted smart meters with the backend system. Report from MDMS shall be generated to confirm integration and commissioning of meters with HES and MDMS. 2. In case of delays in integration for which supplier is not responsible, then this 30% shall be released within 30 days after 06 months of supply provided that no major hardware failure was reported for other lots (After demonstration of integration and successful execution of test cases and User Acceptance Test (UAT), a report from MDMS shall be generated to confirm integration and commissioning of meters with HES and MDMS verified by EESL and DISCOM/ Utility representative.)				same terms (06 months post delivery + 03 months claim period) after Delivery of Goods at Site provided that no major hardware failure was reported. Payment shall be released within 30 days after receipt of original Tax invoices submitted in at the end of respective month at EESL for the supplies delivered, with receipt acknowledged, signed and stamped by EESL authorized representative at designated project location.									
11	1. Remaining 10% of the payment on submission of tax invoice after operational acceptance by EESL based on the performance, payment to be released as follows <table><tr><td>1st</td><td>2%</td></tr><tr><td>2nd</td><td>2%</td></tr><tr><td>3rd</td><td>2%</td></tr><tr><td>4th</td><td>2%</td></tr></table>	1st	2%	2nd	2%	3rd	2%	4th	2%	Warranty Phase	Section – VI Forms and Procedures	227 of 254		
1st	2%													
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Sr No.	Query Reference/ Clause as per RFP	Clause	RFP Section	Page	Query/Request by Bidder	Clarified as / Amended as
	5th	2%				
12	1. The brief scope of work essentially consists of following: "Design, Engineering, Manufacturing, Testing, Inspection, Packing, Supply, Transportation & Insurance (till delivery at site), unloading, handling of 8 Lakh single-phase smart meters along with meter box including 5.5 years warranty for Bihar".	Project Scope	Section - IV (Part - C) Scope of Work & TS	88 of 254	Please remove handling of meter after unloading of meter at EESL designated store, We understand that transit storage delivery to project site and handling of meter after unloading where ever mentioned in RFP is not applicable	Clarified as: Location of warehouse is at Patna in SI warehouse, rest is as per RFP
13	*The difference of any loss to EESL and above penalties shall also be passed on to bidder (s) on account of above parameters.	Meter Service Level Agreement (SLA)	Section - IV (Part - C) Scope of Work & TS	94 of 254	The bidder cannot be held responsible for any loss whether actual or presumptive incurred by EESL due to non-performance or poor performance of the meters. Such loss cannot be quantified and represents an open-ended risk for the bidder	Clarified as: As per RFP
14	1.14 Representatives of Implementation Partners(s)	Representatives of Implementation Partners(s)	Section - IV (Part - C) Scope of Work & TS	97 of 254	We request to remove this condition. Kindly remove this as our scope is limited to supply of meter instead of installation or O&M	Clarified as: Already declared accepted
15	Service Level requirement - 1. Meter Failure rate - Less than 0.5% failure rate per annum for all kind of energy meter over the guarantee period Validation procedure - Identification of defective meters in the backend system	Meter Service Level Agreement (SLA)	Section - IV (Part - C) Scope of Work & TS	93 of 254	There is multiple factor of meters fault like poor quality of installation like absence of neutral connection, poor termination of service cables, loose connection meter end and at DT end will result in faulty the Smart Meter resulting in higher failure rate.	Clarified as: As per RFP



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					As meter performance depends on the system conditions, DISCOM infrastructures which are beyond the control of Meter manufacturer, the failure rate of 0.5% per annum is too low. We request to modify it to 1.5% per annum, as indicated in the existing projects.	
16	Communication module shall have communication technology 4G fall back to 2G supported.	General Constructions	Section 4: Part C - Scope of Work and TS	Page No. 114 of 254	The meters are working satisfactorily and meeting the desired SLAs. Hence, we request that in the subject tender instead of 4G/2G, 4G Only NIC option should be taken.	Amended as: 4G Accepted
17	1. Payment of 100% of GST and 60% of invoice value (excluding GST) upon delivery of material at site / warehouse for the quantity supplied subject to following: a) Submission and acceptance of DLMS Compliance Matrix, APIs, Data Exchange information and Configuration Diagram, Test Procedures and Type test reports.	Supply/Installation/ warranty Phase	Section - VI Forms and Procedures	227 of 254	Payment to be released against the submission of BG of 30% of eligible payments in a month (Invoices submitted to EESL at the end of respective month) for supply and commissioning valid up to 6 months post-delivery + 3 months claim period. In case of delays in integration and commissioning for the reasons not attributable to the Supplier, then this 30% BG shall be released as per the same terms (06 months post-delivery + 03 months claim period) after Delivery of Goods at Site provided that no major hardware failure was reported.	Clarified as: As per RfP



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					Payment to be released against submission of additional BG of 10% of contract value against warranty valid for the period of supply + 5.5 years warranty + 3 months claim period. This BG shall be released as follows: 1st Year :- 2% 2nd Year:- 2% 3rd Year:- 2% 4th Year:- 2% 5th Year:- 2%	

