

Amendment No. 1

Sr. No.	Section	Page No.	Clause No.	Existing Clause	Amendment/Clarification
1.	Section 2	20 of 207	Clause 15	SEALING AND MARKING OF BIDS	<p>Amended as</p> <p>This is a two part bid process. Bidders are to submit the bids (a) Technical Bid (b) Price Bid. Both these parts should be furnished in separate sealed covers superscribing with specification no., validity etc, with particulars as Part-I “Technical Particulars & Commercial Terms & Conditions” and Part-II “Financial bid“ and these sealed envelopes should again be placed in another sealed cover which shall be submitted before the due date & time specified.</p> <p>Bidders are requested to submit the bid in one original plus one copy in duplicate and PDF document in pen drive</p> <p>The Part-I (Technical Bid) - Technical Bid should not contain any cost information whatsoever. In case of Bids where the qualification requirements, technical suitability and other requirements are found to be inadequate, Part-II “Financial Bid” will not be considered for further evaluation.</p> <p>The Part-II (Financial Bid) - Qualified bidders will be intimated after technical evaluation of all the bids is completed. The date and time of same shall be intimated in due course to the qualified bidders. Notwithstanding anything stated above, the Purchaser reserves the right to assess bidder’s capability to perform the contract, should the circumstances warrant such assessment in the overall interest of the purchaser. In this regard the decision of the purchaser is final.</p>
2.	APPENDIX – I ANNEXURE – 1.05	51&52 of 207		Existing Price Bid Format	Amended as Amended Price Format attached
3.	Section – III (GCC)	30 of 207	Clause 12	Terms of Payment and Billing	Correction as :

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					For Category A & B(Supply of Smart Meter and Meter Boxes):
4.	Section I- Request For Quotation	7 of 207	Clause 1.02 (b)	Earnest Money Deposit (EMD) i.e. Rs 21,00,000/- is not deposited in form of Bank Guarantee drawn in favour of BSES YAMUNA POWER LIMITED, payable at Delhi or Online transfer of requisite amount through NEFT/RTGS.	Amended as Earnest Money Deposit i.e. Rs 21,00,000/- shall be denominated in the form of bank fixed deposit (lien marked in favor of BSES YAMUNA POWER LTD.) or bank guarantee drawn in favour of BSES YAMUNA POWER LIMITED or Online transfer of requisite amount through NEFT/RTGS.
5.	Section I- Request For Quotation	7 of 207	Clause 1.02		New Added clause as BSES reserves full and absolute right to initiate any civil or criminal actions or proceedings against a bidder, as deemed appropriate under applicable laws, in case of any fraud, gross negligence or misconduct committed by the bidder for submission of bid in this Tender. Further, any amount payable by bidders hereunder that remains unpaid shall be deemed to be a financial debt within the meaning of the Insolvency and Bankruptcy Code, 2016, together with all interest, costs, and charges accrued thereon. BSES shall be entitled to initiate proceedings under the code in respect of such unpaid amounts, without prejudice to other remedies
6.	Section 1- Request For Quotation	10 of 207	Clause b.2	The bidder must be a Company/ LLP registered in India under the Companies Act/ Partnership under Partnership Act at least since last 5 years from the date of bid submission.	The bidder must be a Company/ LLP registered in India under the Companies Act/ Partnership under Limited Liability Partnership Act, 2008 at least since last 5 years from the date of bid submission.
7.	Section II- Instruction to Bidder	18 of 207	Clause 9.02	i. Bank Fixed deposit (lien marked in favor of BSES YAMUNA POWER LTD.) or Bank Guarantee valid for One Hundred Eighty (180) days from due date of submission or amended due date of submission whichever is later, drawn in favor of BSES Yamuna Power Ltd, Shakti Kiran Building, Karkardooma, Delhi	Amended as Bank Fixed deposit (lien marked in favor of BSES YAMUNA POWER LTD.) or Bank Guarantee valid for One Hundred Twenty (120) days from due date of submission or amended due date of submission whichever is later, drawn in favor of BSES Yamuna Power Ltd, Shakti Kiran, Building, Karkardooma, Delhi 110032 by any Indian bank / foreign bank having service branch in India.

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				110032 by any Indian bank / foreign bank having service branch in India.	
8.	Section – III (GCC)	34 of 207	Clause 19 .2	Defects Liability Period/Guarantee/Warranty	Amended as If during the Defects Liability Period, any GOODS are found to be defective, they shall be promptly replaced or rectified by BIDDER at its own cost
9.	Appendix –II	79 of 207	Annex 2.04	Performance Bank Guarantee: Performance Bank Guarantee shall be for Ten (10%) percent of the total contract value and shall be valid for a period of 126 months from the date of last dispatch or 120 months from the date of commissioning, whichever is earlier plus 3 months towards claim period.	Performance Bank Guarantee: Performance Bank Guarantee shall be for Ten (10%) percent of the total contract value and shall be valid for a period of 126 months from the date of receipt of material(last Consignment) at site/stores or 120 months from the date of commissioning, whichever is earlier plus 3 months towards claim period.
10.	Section 1	6 of 207	1.01	SUPPLY OF SMART METERS, BOXES & ITS INTEGRATION WITH COMMON HES AT BYPL	Amended as: SUPPLY OF SMART METERS, BOXES & ITS INTEGRATION WITH COMMON HES AT BYPL (for government establishments, industrial and commercial consumers, and high load consumers with sanctioned load above 10 kW)
11.	Meter specification	104,132,164,200	Appendix 1,2,3,4	Samples of each type and rating offered. Bidders are not required to submit the said sample at the time of bid submission.	Wherever sample requirement is given in the bid document kindly consider it amended as: Samples of each type and rating offered along with Annexure 1.19 (sample submission details). Bidders are required to submit the said sample at the time of bid submission. All bidders have to submit 2 samples of each quoted type along with the bid as per technical specifications in BSES Meter Testing lab, Delhi. Bidder shall submit samples along with DLMS keys, LLS, HLS, authentication & Encryption keys and system title All bidders are required to arrange communication and

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					functional testing as per IS 16444 and IS 15959 as per relevant part in presence of the BYPL representatives. The bidders are required to arrange their own SIM card, software environment and any other facilities required for testing. Bidder is advised to receive acknowledgement copy of samples submitted in the BYPL lab. The serial numbers of the samples must be submitted vide email on the date of sample submission at lab for record purpose.
12.	Section 1	8 of 207	Clause 2	TECHNICAL CRITERIA : 6 . Bidder should have complete volume of type test reports as per IS16444 (Part 1 & Part 2) (Including latest amendments if any) .The type test report should not be older than 5 years as on the date of opening of tender.	Bidder should have complete volume of type test reports as per IS16444 (Part 1 or Part 2) (Including latest amendments if any) for all offered meters .The type test report should not be older than 5 years as on the date of opening of tender.
13.	Section 1	9 of 207	Clause 2	10. h Bidder has experience of integration of offered smart meters under this bid document with at least 2 make of HES/MDAS and has at least 50k smart points in operation in a Power Utilities /Discoms/ State Electricity Boards/PSUs in India. Documents required along with Bid in support of Qualification Criteria: Self Undertaking	Amended as: 10. h : Bidder has experience of integration of offered smart meters under this bid document with at least 2 make of HES/MDAS and has at least 50k smart points in operation in a Power Utilities /Discoms/ State Electricity Boards/PSUs in India. Documents required along with Bid in support of Qualification Criteria: Self undertaking along with documentary proof need to be submitted along with the bid.
14.	Section 5	101 of 207	Pt 9.4	Hand Held Unit Software (Mobile App) a. The manufacturer has to provide Mobile App for downloading all the data stored in meter memory through optical port.	Appended as : g. Mobile App shall be supported, maintained and upgraded throughout the warranty period of 10 years to ensure compatibility with evolving mobile OS and security requirements.

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				<p>b. Mobile App should have option for selection of parameters to be downloaded from meter</p> <p>c. Meter data consisting of all parameters and complete load survey for all parameters shall be read by HHU (Mobile App) and data transferred to HES in minimum possible time (not more than 5 minutes).</p> <p>d. Mobile App should have option to initiate command for relay connect or disconnect through optical port, this functionality should have system control and action to be initiated only for those meters which are scheduled / triggered from back end application (HES/MDMS/Prepaid).</p> <p>e. Mobile App should have option to initiate configuration and firmware upgrade actions locally for non-communicated meters as per the schedule initiated from back end applications (HES/MDMS)</p> <p>f. Mobile App should ensure the meter security keys are stored in encrypted form and not accessible to users.</p>	<p>h. App upgrades shall follow DISCOM-approved release and version control process. (this point is applicable for Meter and NIC FW as well)</p> <p>i. Mobile App shall implement role-based access control and authentication to restrict sensitive actions.</p> <p>j. Mobile App shall maintain an audit trail of all operations for traceability and compliance.</p> <p>k. Offline stored meter data shall be encrypted and automatically synced/uploaded to HES, with secure deletion after successful transfer.</p> <p>l. Mobile App shall support standard secure APIs for integration with DISCOM HES/MDMS systems.</p> <p>m. OEM shall provide complete documentation and periodic training support during warranty period.</p>
15.	Section 5	83 of 207	Clause 2.01	<p>Smart meter Key Management System (6)</p> <p>Key/Secret :Global Master key Application :Used to change keys Re programmability :Yes</p>	<p>Amended as : Smart meter Key Management System (6) Key/Secret :Global Master key Application :Used to change keys Re programmability :As per IS/IES</p>
16.	Section 3	34-35 of 207	Clause 24.00		<p>New Added clause as point (e) The Bidder shall provide integration support e.g. firmware upgrades, regulatory requirements, TOD upgrade etc during the warranty period for the products supplied under this</p>

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					contract, as and when requested by BSES. Further supplier shall provide any remote installation support services (if required) during the warranty period to BSES upon request by email, letter or any other official correspondence. Such support services shall be mobilized and commenced by the Bidder within 7 (seven) working days from the date of written communication (including letter or email) issued by BSES. Failure to mobilize or delay in providing the required support within the stipulated timeline shall constitute a contractual default. In such cases, BSES shall have the right to take any action deemed necessary including invoking, encashing or adjust the amount from applicable performance bank guarantee, without prejudice to any other rights and remedies available under the Contract.
17.	Section II- Instruction to Bidder	18 of 207	9.02	Pursuant to Clause 8.0(b) above, the bidder shall furnish, as part of its bid, an EMD amounting Rs 30,00,000/-	Pursuant to Clause 8.0(b) above, the bidder shall furnish, as part of its bid, an EMD amounting Rs 21,00,000/-

All other terms & conditions of the referred Request for Proposal (RFP)/ Tender and/or amendments (if any) shall remain unchanged.

Please note that Date & Time of Bid Submission remains Unchanged.

Amended Price Bid Format

S. No.	Item Description	Qty	Uom	Ex-Works Price Per Unit (INR)	GST %	GST Amount (INR)	Unit Landed Cost Per EA (INR)	Total Landed Cost In (INR)
Category -A								
A1	Supply of Single Phase Whole Current Smart Meter confirming to IS 16444 Part 1 (with latest amendments) of rating 10-60A, Accuracy class 1.0 with Communication Module, associated accessories and requisite no. of polycarbonate seals as per technical	Nos.	14,622					

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	specification and its integration with 3rd Party common HES of BSES							
A2	Supply of Meter Box for Single Phase Whole Current Smart Meter with associated accessories	Nos.	14,622					
A3	Supply of Three Phase Whole Current Smart Meter confirming to IS 16444 Part 1 (with latest amendments) of rating 20-100A, Accuracy class 1.0 with Communication Module, associated accessories and requisite no. of polycarbonate seals as per technical specification and its integration with 3rd Party common HES of BSES	Nos.	13,183					
A4	Supply of Meter Box for Three Phase Whole Current Smart Meter with associated accessories	Nos.	13,183					
Total Package Cost (A1+A2+A3+A4)								Total

S. No.	Item Description	Qty	Uom	Ex-Works Price Per Unit (INR)	GST %	GST Amount (INR)	Unit Landed Cost Per EA (INR)	Total Landed Cost In (INR)
Category -B								
B1	Supply of Three Phase LTCT Operated Smart Meter confirming to IS 16444 Part 2 (with latest amendments) of rating 5-10A, Accuracy class 0.5s with Communication Module, associated accessories and requisite no. of polycarbonate seals as per technical specification and its integration with 3rd Party common HES of BSES	Nos.	5,443					

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B2	Supply of Meter Box for Three Phase LT CT operated Smart Meter with 200/5A transparent LTCTs (Accuracy class 0.5s) and associated accessories as per technical specification.	Nos.	5,216					
B3	Supply of Meter Box for Three Phase LT CT operated Smart Meter with 400/5A transparent LTCTs (Accuracy class 0.5s) and associated accessories as per technical specification.	Nos.	227					
B4	Supply of Three Phase HT CT and PT Operated Smart Meter confirming to IS 16444 Part 2 (with latest amendments) of rating 5-10A, Accuracy class 0.5s with Communication Module, associated accessories and requisite no. of polycarbonate seals as per technical specification and its integration with 3rd Party common HES of BSES	Nos.	658					
B5	Supply of Three Phase HT CT and PT Operated Smart Meter confirming to IS 16444 Part 2 (with latest amendments) of rating 1-2A, Accuracy class 0.2s with Communication Module, associated accessories and requisite no. of polycarbonate seals as per technical specification and its integration with 3rd Party common HES of BSES	Nos	30					
Total Package Cost (B1+B2+B3+B4+B5)								Total

Note:

1. Bidders may quote for all items of either category A OR Category B or Both.
2. Bidder need to quote for all line items mentioned in particular category.
3. Incase in the price bid it is found that any / or more meters in the respective category is not being quoted by the bidder, will lead to disqualification of the bid in respective category.
4. Reverse Auction(RA) shall be conducted on category basis, on following line items:
 - a. Category – A (**Total Package Cost (A1+A2+A3+A4)**)
 - b. Category – B (**Total Package Cost (B1+B2+B3+B4+B5)**)

4. BYPL has the right to split the quantity among Bidders as per splitting clause mentioned in NIT.
5. BYPL shall provide SIM and facilitate integration with 3rd party common HES, however responsibility of successful integration lies with bidder.
6. Bidder shall provide Encryption Keys and Authentication Keys of supplied Smart Meters.
7. Bidder shall provide HLS and LLS Password for supplied Smart Meters.