

GEM BID NUMBER : GEM/2022/B/2101629

"Appointment of Advanced Metering Infrastructure (AMI)-Service Provider for providing Smart Meter and Head End System for 60,000 End-points in UT of Ladakh on DBFOOT Basis and Spot Reading, Spot Billing & Collection for areas with No/Intermittent Network"

Amendment 1

S.No.	Query received	Specifications/Comments as per RFP	Amendment
1	Section 2 Qualification Requirement Cl.8.1 (T1)	Supporting Documents	Documents to be submitted as specified in Clause No. 8.1 under supporting documents for technical requirements. In case of NDA the agency, shall submit the performance certificate on client's letter head indicating details of the project/work with client's name, contact details, telephone no., contract value as a supporting document against the technical requirement
2	Section 2 Page 21 Clause no. 8.1.1 sl. # T7	The solution must have been successfully integrated HES with 2 Nos. Indian Smart Meter Manufacturers meeting the above mentioned QR for meter manufacturer and 2 Nos. of MDMS provider. The details of methodology and objective of Proof of Concept is mentioned at Annexure I of Section 2.	The solution must have been successfully integrated HES with 2 Nos. Indian Smart Meter Manufacturer of which min. one(1) Meter manufacturer should meet the above mentioned QR for meter manufacturer and 2 Nos. of different MDMS/Other Utility IT Solutions in India/Global Utilities as on date of bid submission. The details of methodology and objective of Proof of Concept is mentioned at Annexure I of Section 2.
3	Section 2 Page 21; Table Qualification Requirements for Spot Reading, Billing & Collection. sl. # 1	Technical Experience: The Bidder should have carried out work of meter reading through Handheld reading devices/spot billing/ meter downloading in any Indian Power Distribution Utility (Govt./Pvt.) for Satisfactory completion of work for at least 1 Lac consumers in any one year out of last three financial years i.e.FY (2019-20), (2020-21) & (2021-22)	Spot Billing Agency should have carried out work of meter reading through Handheld reading devices/spot billing/ meter downloading in any Indian Power Distribution Utility (Govt./Pvt.) for Satisfactory completion of work for at least 1 Lac consumers in any one year out of last three financial years i.e.FY (2019-20), (2020-21) & (2021-22)
4	Section 2 Page 21; Table Qualification Requirements for Spot Reading, Billing & Collection. sl. # 1	Qualification Requirements for Spot Reading, Billing & Collection. The bidder should have minimum 100 working persons enrolled under EPF act as on the last date of submission of bid.	The Spot Billing Agency should have minimum 100 working persons enrolled under EPF act as on the last date of submission of bid.

5	Section 2 Page 21 Clause no. 8	Addendum	The bidder shall be eligible to supply LTCT DT Meters and HTCT Feeder Meters from any of the meter OEMs which shall meet the Technical Specification requirement as per Annexure C & D of Section 6 of RfP and may or may not be directly participating with the bidder in the bid. Such OEM shall be exempted from meeting the QR for Meter OEM from T1 to T4 mentioned above.
6	Section 2 Clause 7	Addendum	Provided further, in case the Sole Bidder or Member of a Consortium, (as the case may be) holds at least twenty six percent (26%) equity in such Technically; Financially Evaluated Entities, whose credentials have been considered for the purpose of meeting the Qualification Requirements as per the RFP, no such Undertaking shall be required from the Technically / Financially Evaluated Entities.
7	Section 2 Page 21 Clause No. 8	Addendum	The QR of Meter OEMs, HES Solution Provider OEM and Spot Reading, Billing & Collection Agency mentioned at Section 2 Clause 8.1.1 can be met by the Lead bidder/Consortium/Sub-contractor.
8	2.2.1 General requirement, NMS, Page no. 152	The NMS shall provide viewing of all the networking elements deployed at site and enable configuration & parameterization of the networking devices and the nodes	Deleted
9	2.2.1 General requirement, NMS, Page no. 152	a) NMS shall be able to collect parameters viz. terminal status, device status, next-hop information, cellular network signal strength, Hardware/software version numbers, communication logs/events, etc	a) NMS shall be able to collect parameters viz. terminal status, device status, cellular network signal strength, Hardware/software version numbers, communication logs/events, etc
10		Request you to kindly confirm if a separate Type Test report has to be submitted for LTCT Meters (for DT) with provision of DI.	The Type test, as applicable, is to be submitted at the time of supply of meter.
11	2.6.2 MINIMUM TECHNICAL REQUIREMENTS FOR NOMC HARDWARE	Point No. i) 2 Gbps internet connectivity	Bidder to provide requisite bandwidth to maintain SLA
12	2.6.2 MINIMUM TECHNICAL REQUIREMENTS FOR NOMC HARDWARE	Internet router with at least 48 no's 1 Gbps LAN ports and redundant at least 2 Gbps internet ports supporting IPsec, and SSLVPN capability	Bidder to provide requisite router as per field requirement to meet SLA

13	2.6.2.2.1 Firewall with UTM solution Performance Requirements	32,00,000 concurrent sessions	Minimum of 1,20,000 concurrent sessions
14	Clause 2.7.3.2 of this section) a) Recovery Time Objective (RTO)	The RTO of 30 mins shall be met by infrastructure redundancy and failover.	The RTO of 6 hours shall be met by infrastructure redundancy and failover.
15	Clause 2.7.3.2 of this section) b) Recovery Point Objective (RPO)	The RPO of 6 hours shall be met by a suitable backup and replication strategy of operational data / application.	The RPO of 30 mins shall be met by a suitable backup and replication strategy of operational data / application.
16	Section 6 Clause 7.7	Scheduled energy audit and reliability indices report(For Zone A, B & C)	NA
17	Section 6 Annexure E	System Sizing Requirement The auxiliary memory and utilization of any of the Servers shall be managed in optimized way in line to their delivered capacity at any time even under peak loading conditions involving a combination of the following - • 10 concurrent display requests from 5 users. Including graphical trends	"10 concurrent display requests from 5 users. Including graphical trends" - Deleted
18	5.2.3-I. Payment Schedule towards AMI System Component Cost (Form 1 of financial bid):	5.2.3 I Payment Schedule towards AMI System Component Cost (Form 1 of financial bid): Implementation Period: c. Reports as mentioned in this Contract which includes but not limited to the following: i. Service Level Agreement (SLA) performance report; ii. Energy Audit report; iii. Other reports as per mentioned in Clause 6.2.2 of the Section 6	"ii. Energy Audit report;" - Deleted
19	Section 7. Contract Forms and Conditions of Contract : SCC-Article 11.5.3 c) ii	The percentage, specified in SCC, of the asset values shall be paid to the AMI-IA in the event termination is on account of RECPDCL event of default. Addendum	100%
20	Section 6. Project Requirements Annexure 0 : Specifications of 1-ph and 3-ph Meter Box 1.2. GENERAL CO NSTRUCTIONS:	Addendum	Annexure O : Specifications of 1-ph and 3-ph Meter Box 1.2. GENERAL CO NSTRUCTIONS: xi. A provision in form of depression Using this depression. Or Bidder shall provide provision to read through mobile via Bluetooth connection.
21	General	-	Communication technology to be considered as Cellular wherever mentioned.