

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"

Clarification 1

S.No.	Query received	Page No./ Clause No.	Page No.	Specifications as per RfP	Queries/ Modifications/Changes Suggested	Comments
1	RFP, Pg 21 8. Qualification Requirements HES Solution Provider Point (TS)	RFP, Pg 21 8. Qualification Requirements HES Solution Provider Point (TS)	Pg 21	Successful Operations of proposed Head End System with installation base of 60,000 metering points in maximum of 2 projects Indian/Global power distribution utility within 7 years as on date of bid submission	Successful Operations/in progress of proposed Head End System with installation base of 60,000 metering points in maximum of 2 projects Indian/Global power distribution utility within 7 years as on date of bid submission.	Please refer to Corrigendum 1 issued regarding non-applicability of document uploaded against "Specifications" in GeM Portal.
2	Annexure –A Specification for Single Phase Whole Current Smart Meter GTP/49 /page 231	Annexure –A Specification for Single Phase Whole Current Smart Meter GTP/49 /page 231	page 231	Allen type terminal screw head.	Allen/Start head type terminal screw head.	Tender condition shall prevail
3	1.1 of HES of Point 2. Supply, installation, integration, sting and commissioning of ection 6. Project quirements /page 158	1.1 of HES of Point 2. Supply, installation, integration, testing and commissioning of Section 6. Project Requirements /page 158	page 158	At scheduled frequency meter sends data to HES. Consumption details including non-critical events will be in 15 min block data, and data could be incremental to what was sent by meter in preceding instance(Meter to HES) Meter Number,reading date & time, kW, kVA,kWh, kVAh, PF, Noncritical Event Code / Date.	At scheduled frequency meter sends data to HES on demand. Consumption details including non-critical events will be in 15 min block data, and data could be incremental to what was sent by meter in preceding instance (Meter to HES) Meter Number, reading date & time, kW, kVA, kWh, kVAh, PF, Noncritical Event Code / Date	Tender condition shall prevail
4	1.2 of HES of Point 2. Supply, installation, integration, testing and commissioning of Section 6. Project quirements /page 158	1.2 of HES of Point 2. Supply, installation, integration, testing and commissioning of Section 6. Project Requirements /page 158	page 158	At scheduled frequency meter sends billing Data to HES.	At scheduled frequency meter sends billing Data to HES on demand.	Tender condition shall prevail
5	Overview of the AMI-IA Scope of Work & SLA of Section 6. Project Requirements /Page 141 & 191	Overview of the AMI-IA Scope of Work & SLA of Section 6. Project Requirements /Page 141 & 191	/Page 141 & 191	Zone B: Area with intermittent network connectivity i.e. Cellular connectivity is made available intermittently for 3-4 hours by powering BTS Towers through DG Sets or availability of 2G/3G network only. From 95% of meters within 24 hours for Zone B.	Zone B: Area with intermittent network connectivity i.e. Cellular connectivity is made available intermittently for 3-4 hours by powering BTS Towers through DG Sets or availability of 2G/3G network only. From 95% of meters within 24 hours for Zone B.	Tender condition shall prevail
6	No. RECPDCL/LPDD/AMI/22-23	Amounts for Bidding >> Clause B>> [Bid Security (Refundable): INR 13.0 Lakhs & Clause- EMD detail under GeM document	13 of RFP 3 of GeM doc.		EMD amount asked in RECPDCL doc. is INR. 13.00 Lakhs while as per GEM document it is INR. 13,49,950.00. Please clarify the correct amount for submission of EMD.	EMD is INR. 13,49,950.00 as also mentioned in GeM Portal Please refer to RfP after considering corrigendum 1
7	No.RECPDCL/LPDD/AMV22-23	Clause 8.2 (Eligible projects)Under Point No 8. Qualification Requirements (T-1)	22 of RFP 17 of RFP		We request you to also consider the experience of Distribution Franchisee under eligible projects. Go-live status is also considered as Franchisee running in case of Distribution Franchisee. In case of supply documents payment statement of Distribution Franchisee must also be considered. Payment statement of Distribution Franchisee duly certified by Chartered Accountant must also be considered.	Tender condition shall prevail
8	Section 2 Page 17 Clause no. 8.1 sl. # T1	Section 2 Page 17 Clause no. 8.1 sl. # T1		Sole/ Lead Bidder must have either: (a) paid for, or received payments for, construction of Eligible Project(s); Or (b) paid for development of Eligible Project(s) in the power/ water/ natural gas/ telecom sector in the last 5 (five) Financial Years with aggregate project value of not less than INR 28.4 Cr. However, the project cost of each Eligible Project shall not be less than INR 7.1 Cr;	Sole/ Lead Bidder/any consortium member must have either: (a) paid for, or received payments for, construction of Eligible Project(s); Or (b) paid for development of Eligible Project(s) in the power/ water/ natural gas/ telecom sector in the last 5 (five) Financial Years with aggregate project value of not less than INR 28.4 Cr. However, the project cost of each Eligible Project shall not be less than INR 7.1 Cr;	Tender condition shall prevail
9	Section 2 Page 21 Clause no. 8.1.1 sl. # T7	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 Manufacturers meeting the above mentioned QR for meter manufacturer and 2 Nos. of MDMS provider/Utility IT System. The details of methodology and objective of Proof of Concept is mentioned at Annexure I of Section 2.	Please refer Amendment 1

10	Section 2 Page 21; Table Qualification Requirements for Spot Reading, Billing & Collection. sl. # 1	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)	Technical Experience: The Bidder/Spot Billing Subcontractor 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 10,000 consumers in any one year out of last three financial years i.e.FY (2019-20), (2020-21) & (2021-22)	Please refer Amendment 1
11	Section 2 Page 22; Table Qualification Requirements for Spot Reading, Billing & Collection. sl. # 1	Section 2 Page 22; Table Qualification Requirements for Spot Reading, Billing & Collection. sl. # 1		The bidder should have minimum 100 working persons enrolled under EPF act as on the last date of submission of bid.	The bidder/Spot Billing subcontractor should have minimum 40 working persons enrolled under EPF act as on the last date of submission of bid.	Please refer Amendment 1
12	Section 3 Page 31 Clause 2.1	Section 3 Page 31 Clause 2.1		Availability of connectivity in entire project area of UT of Ladakh is a major challenge. Approx. 20,000 consumers are in area having poor/no signal strength. Accordingly, RECPDCL intends to roll-out of metering for 60,000 consumers in Ladakh by dividing the project area into 3 Zones:.....	Request you to kindly share the following details for Zone B & C: Area Name, Geographical Spread of the Area, GPS Coordinates, No. of Feeders, DTs and Feeder wise consumer breakup.	As mentioned in the RFP : AMISP shall carry out detailed field survey to identify the no. of consumers in Zone A, B & C before commencement of work.
13					We request your kind office to share the final version of the RFP separately to avoid any confusion.	Please refer to Corrigendum 1 issued regarding non-applicability of document uploaded against "Specifications" in GeM Portal.
14					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.
15	Section 6: Project Requirements Clause No. 2.2 Communication Infrastructure	Section 6: Project Requirements Clause No. 2.2 Communication Infrastructure	151	The communication infrastructure shall be 100% Cellular	It is our strong belief that there should be an option to provide alternative NIC based on RF Mesh following the latest RFE from RDSS. RF Mesh based solutions provides the following: - Reduces upfront infrastructure cost and TCO for project lifetime as it works independently of cellular infrastructure. - Communication "hops" by other members in network canopy allowing coverage of wide area and allows access to otherwise hard to reach localities. - The same NIC can be used for point to point communication by workers in field, reducing time spent on manual reads - Edge Routers/Data Concentrator Units can work autonomously providing local intelligence even during network outages. We therefore request RECPDCL to Allow use of RF mesh for network	Tender condition shall prevail
16	Section 3 – Instructions to Bidders and Bid Data Sheet Clause No. 2: Introduction (a) About this request for proposal	Section 3 – Instructions to Bidders and Bid Data Sheet Clause No. 2: Introduction (a) About this request for proposal	31	RFP1 (present RFP): Major Scope shall include providing Smart Meter and HES for 60,000 end points including NOMC and Spot Reading, Billing and Collection for areas with no/intermittent Network	With point to point RF NIC, using either sub ghz or BLE, the process of accessing metering endpoint can be stream lined: • Field worker can access a metering endpoint without entering the consumers premises • Field worker can read multiple metering endpoint at the same time In addition if Edge Router/Data Concentrator Unit is present it may continuously collect data from all metering end points. In this case field worker can download the already prepared data for all metering endpoints in one locality. We therefore request RECPDCL to Allow Point to Point RF communication for manual read	Tender condition shall prevail

17	Section 6: Project Requirements 2.2.2 Network Management System	Section 6: Project Requirements 2.2.2 Network Management System	152	The network management software shall be based on the latest secured version of SNMP v3.	<p>SNMP have been a relevant protocol in NMS solutions for monitoring and controlling IT deployments, both physical and virtual. This is not necessarily the case for Cellular/RF mesh networks as there are different goals to address. The use of SNMP has some potential issues:</p> <ul style="list-style-type: none"> • SNMP requires a Management Information Base (MIB) to be mutually agreed upon by both parties (NMS and communication module) • Protocol includes redundant data and provides to our knowledge no standard way of compressing such data • Has relatively large memory and storage footprint compared to other solutions (several times higher) • In many cases NMS would be initiating the request which causes additional data traffic • There is to best of our knowledge no standard way of doing firmware upgrade over SNMP such that an alternative protocol must be supported by both NMS and communication module for NIC upgrade. <p>We request RECPDCL that SNMP may be optionally supported and that NMS can support communication with field devices over any open/standard where applicable. This includes operations like gathering telemetry, reading/writing configuration and performing firmware upgrades.</p>	Tender condition shall prevail
18	Section 2 Qualification Requirement Cl.8.1 (T1)	Section 2 Qualification Requirement Cl.8.1 (T1)	17		<p>Refer to "References along with requisite contract/ Purchase Order (PO)/ Work Order (WO). The references should indicate client name, scope of work, Project start date (as per the format prescribed in Form 13 given in Section 4);", as well as</p> <p>"Documentary evidenceor other documentary evidence indicating completion (e.g., proof of payment received/ proof of asset capitalized in books of accounts (as applicable) and client certificate for supply of material or similar proofs) along with contact details of the client;"</p> <p>Please note that due to Non-Disclosure Agreement (NDA) with customer, Iskraemeco is not in a position to disclose Contract/Purchase Order (PO)/Work Order (WO). Hence, we are not in a position to fill the Form-13 with all the details as requested.</p> <p>We request RECPDCL to allow us to 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</p>	Please refer Amendment 1
19	2.6.2 MINIMUM TECHNICAL REQUIREMENTS FOR NOMC HARDWARE Point No. i) 2 Gbps internet connectivity	2.6.2 MINIMUM TECHNICAL REQUIREMENTS FOR NOMC HARDWARE Point No. i) 2 Gbps internet connectivity	167		<p>This much of internet connectivity (bandwidth/speed) is not required. May please remove the clause. SLA should be mandated instead of the speed of internet.</p>	Please refer Amendment 1
20	2.6.2.2.1 Firewall with UTM solution Performance Requirements	2.6.2.2.1 Firewall with UTM solution Performance Requirements Concurrent sessions: 3,200,000 or Above	168		<p>Please check if 32,00,000 concurrent sessions are required? These are very high specifications compared to the requirement.</p>	Please refer Amendment 1
21	9.4 Site Acceptance Test (SAT) Disaster Recovery Capability (Refer to Clause 2.7.3.2 of this section) Recovery Point Objective (RPO)	9.4 Site Acceptance Test (SAT) Disaster Recovery Capability (Refer to Clause 2.7.3.2 of this section) Recovery Point Objective (RPO)	214		<p>Please consider RPO of 2 Hours instead of 30 mins.</p>	Please refer Amendment 1
22	Section 2, Clause-7		16	The Bidder may seek qualification on the basis of technical and financial capability of its Parent(s) and/ or its Affiliate(s) as defined in section 3 for the purpose of meeting the qualification requirements. Authorization for use of such technical or financial capability shall have to be provided from its Parent(s) and/ or Affiliate(s). The technical and financial capability of a particular entity, including its Parent(s) and/ or Affiliate(s), shall not be used by more than one Bidder.	<p>The Bidder may seek qualification on the basis of technical and financial capability of its Parent(s) and/ or its Affiliate(s) as defined in section 3 for the purpose of meeting the qualification requirements. Authorization for use of such technical or financial capability shall have to be provided from its Parent(s) and/ or Affiliate(s). 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. (Referred from Clause no-15.17(Pg No:- 5) of SBD Version 2 released by REC on 22.10.21)</p> <p>The technical and financial capability of a particular entity, including its Parent(s) and/ or Affiliate(s), shall not be used by more than one Bidder.</p>	Please refer Amendment 1

23	Section-2 Clause 8.1 (Qualification Requirements for Spot Reading, Billing & Collection.)		21	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).	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. (2019-20), (2020-21) & (2021-22). Or The bidder having operating Distribution licensee as per provision of Electricity Act 2003 in India for last 10 consecutive years immediately preceding the Bid due date.	Please refer to the Amendment 1.
24	8.2(3)	8.2(3)	22	The technically evaluated entity claiming experience must have either executed itself/paid for such projects or must own at least 26% of the shareholding in the company that has executed the project(s) up to the date of commissioning of such project.	If Eligible project has been executed by an SPV of bidder in which bidder hold more than 26 % share at time of execution & commissioning, however with course of time bidder dissolve its shareholding from SPV & at the time of submission of bid, bidder does not hold any share on that SPV. Please clarify: - Weather bidder use the credential of project executed by SPV to meet the technical criteria or not.	As mentioned in RFP, bidder must own at least 26% of the shareholding in the company that has executed the project(s) up to the date of commissioning of such project.
25	Section 2 Clause -7 (2nd para)	Section 2 Clause -7 (2nd para)	16	The determination of the relationship of Parent(s) and/or Affiliate(s) with the Bidder shall be on the date 7 (seven) Days prior to the Bid Submission Deadline. Documentary evidence to establish such relationship shall be furnished by the Bidder along with the Technical Bid		Tender condition shall prevail
28	Section 6 Annexure-A, Annexure-B		224, 232		Basic Features Single Phase Whole Current Smart Meter with Pre-paid and Post-paid functionality. and Three Phase Whole Current Smart Meter with Pre-paid and Post-paid functionality. • Pre-paid features at HES/meter end as per the mutual agreement between AMISP and utility (as per IS 15959 Part 2)	Tender condition shall prevail
29	Section 3: Instructions to Bidders and Bid Data Sheet		113		Form 21: Data Requirement Sheet: Single Phase Whole Current Smart Meter with Pre-paid and Post-paid functionality. 3.)Current Rating 10-60 A / 5-60A Meter is having better current range may also be accepted.	Agreed
30	Section 3: Instructions to Bidders and Bid Data Sheet		114, 118		Form 21: Data Requirement Sheet: Single Phase Whole Current Smart Meter with Pre-paid and Post-paid functionality. and Three Phase Whole Current Smart Meter with Pre-paid and Post-paid functionality. 38 Plug-in Communication Module: The Plug-In module shall be as per IS16444 Provision of communication module as defined in IS 16444 includes option for both pluggable (of same technology and make) and built-in module. Also a separate Panel 6 with members from BIS, CPRI, CEA, NSGM and industry participants has been constituted under BIS ETD 13 committee to analyse the feasibility of the pluggable & swappable communication module.	Tender condition shall prevail
31	Section 3: Instructions to Bidders and Bid Data Sheet		116		Form 21: Data Requirement Sheet: Single Phase Whole Current Smart Meter with Pre-paid and Post-paid functionality. and Three Phase Whole Current Smart Meter with Pre-paid and Post-paid functionality. Further, the Meter should display high resolution energy values with at least 1Wh in push button mode	Tender condition shall prevail
32	Section 3: Instructions to Bidders and Bid Data Sheet		116		Form 21: Data Requirement Sheet: Three Phase Whole Current Smart Meter with Pre-paid and Post-paid functionality. 3.) Current Rating 20-100 A / 10-100A Meter is having better current range may also be accepted.	Agreed

34	Section — 3: Instructions to Bidders and Bid Data Sheet		121, 125		Form 21: Data Requirement Sheet: Three Phase LT-CT Operated Smart Meter and Three Phase CT/PT Operated Smart Meter Specification of AMR meters complying to IS 14697 & IS 15959 Part 1 shall be included with Smart meters (IS 16444 — Part 2 & IS 15959 Part 3);	Tender condition shall prevail
35	Section — 3: Instructions to Bidders and Bid Data Sheet		125		Form 21: Data Requirement Sheet: Three Phase CT/PT Operated Smart Meter 34.)	Tender condition shall prevail
36	Section 6. Project Requirements		140		AMI-IA shall transfer the ownership of the entire system including all the hardware, software along with its valid licenses, and any data collected during the Project to LPDD at the end of the Contract Period to facilitate seamless operation of LPDD businesses. However, after closure of contract any applicable recurring cost for operation & Maintenance of deployed AMI system like network service provider charges, cloud hosting charges, communication charges, change request, license fee, ATS, etc. shall be borne by utility.	Agreed
37	Section 6. Project Requirements		261		Annexure M Additional Requirements/ Specifications Three Phase LT-CT Operated Smart Meter 1.) Smart Meters with cellular connectivity	Tender condition shall prevail
38	Section 6. Project Requirements		261		Annexure M Additional Requirements/ Specifications Three Phase CT/PT Operated Smart Meter 1.) Smart Meters with cellular connectivity As AMISP is responsible for data delivery at MDM throughout the contract period. Network service provider can be selected/changed as per availability of signal strength so Meter having provision of one SIM may also be acceptable.	Tender condition shall prevail
39	Section 6.		189		7.7 Service Level Agreement (SLA) The total penalties under SLA categories are capped at [10%] of AMI-IA Service Charge during O&M Period.	Tender condition shall prevail
40	Section 6 Annexure E		246		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
43	Section 7. Contract Forms and Conditions of Contract		403		7.3 Except as provided under Force majeure, Utility shall without prejudice to all its other remedies under the Contract, deduct from the amount due to be paid, as liquidated damages, 10% of AMI/IA Service Charge for each delayed installed and Go-Live meters for each completed month of delay for a maximum period of 12 (twelve) months. An illustrative example for arriving at the deductions is given in SCC. Illustration to be changed accordingly in annexure III (SCC)	Tender condition shall prevail
44	Section 6. Project Requirements		144, 323		1.4 Brief Scope of Work: g. For Post-paid consumers in Zone B, . Further detailed scope of work and associated incentives is mentioned in detail in Annexure W. The Scope of work of AMI/IA for Zone C are as follows: d. Further detailed scope of work for Disconnection/Reconnection and associated incentives is mentioned in Annexure W. Billing details along with alerts can be accessed anytime by consumers using mobile app. Kindly remove the requirement of Spot billing, bill distribution and collection from scope of work.	Tender condition shall prevail
45	Section 6. Project Requirements		266		Annexure 0 : Specifications of 1-ph and 3-ph Meter Box 2. Thermal HDT Deg. C. 120+5	Specifications mentioned in the RFP or better, as per detailed engineering stage to the satisfaction of RECPDCL can be accepted.
46	Section 6. Project Requirements		266		Annexure 0 : Specifications of 1-ph and 3-ph Meter Box b) Flexural strength : Mpa Min. 85+5 d) Izod impact strength notched 23°C. KJ/Sq.m. 80+5	Specifications mentioned in the RFP or better, as per detailed engineering stage to the satisfaction of RECPDCL can be accepted.

47	Section 6. Project Requirements		266		Annexure 0 : Specifications of 1-ph and 3-ph Meter Box i. Degree of protection IP 54 a) Base: Opaque / Transparent	Specifications mentioned in the RFP or better, as per detailed engineering stage to the satisfaction of RECPDCL can be accepted.
48	Section 6. Project Requirements		266		Annexure 0 : Specifications of 1-ph and 3-ph Meter Box 1.2. GENERAL CONSTRUCTIONS: iii. The thickness of the box shall be 2+0.2 mm on the load bearing side and other sides, door and roof shall be 2+0.2	Specifications mentioned in the RFP or better, as per detailed engineering stage to the satisfaction of RECPDCL can be accepted.
49	Section 6. Project Requirements		266		Annexure 0 : Specifications of 1-ph and 3-ph Meter Box 1.2. GENERAL CONSTRUCTIONS: iv. The box shall be designed in such a way that there should be the following clearances between the meter and the Meter box: i. Between Sides of the meter body and meter box (Excluding the flanges on the meter body for sealing screws.): 20 mm v. Between the top of the meter and the meter box cover: 15 mm	Specifications mentioned in the RFP or better, as per detailed engineering stage to the satisfaction of RECPDCL can be accepted.
50	Section 6. Project Requirements		266		Annexure 0 : Specifications of 1-ph and 3-ph Meter Box 1.2. GENERAL CONSTRUCTIONS: viii. For holding and sealing the box, two U-shaped latches / any other arrangement shall be provided. The latch shall be GI sheet / PC material with minimum thickness 2 mm, to secure it with the base of the box.	Specifications mentioned in the RFP or better, as per detailed engineering stage to the satisfaction of RECPDCL can be accepted.
51	Section 6. Project Requirements		266		Annexure 0 : Specifications of 1-ph and 3-ph Meter Box 1.2. GENERAL CONSTRUCTIONS: ix. For fixing the box to flat wall or wooden board 3 Nos. holes (1 Nos. key holes at top) of minimum 6 mm dia. shall be provided at the base of the meter box.	Specifications mentioned in the RFP or better, as per detailed engineering stage to the satisfaction of RECPDCL can be accepted.
52	Section 6. Project Requirements		266		Annexure 0 : Specifications of 1-ph and 3-ph Meter Box 1.2. GENERAL CONSTRUCTIONS: xi. A provision in form of depression should be provided on the meter box cover to download the meter data from the meter using the CMRI probe without opening the meter box cover. Or Meter provision to read through mobile via Bluetooth connection.	Please refer Amendmnt 1
53	Section 7. Clause 10		360		10. Intellectual Property: All Intellectual Property Rights in all material (including but not limited to all Object code, records, reports, designs, application configurations, data and written material, products, specifications, reports, drawings and other documents), which have been newly created and developed by the AMISP solely during the performance of Related Services and for the purposes of inter-alia use or sub-license of such services under this Contract, shall be the property of the AMISP. The AMISP undertakes to disclose all such material, which have been newly created and developed by the AMISP solely during the performance of Related Services and for the purposes of inter-alia use or sub-license of such services under this Contract, to the Utility.	Tender condition shall prevail
54	Section 2 Page 21; Table Qualification Requirements for Meter Manufacturer OEM sl. # 1	Section 2 Page 21; Table Qualification Requirements for Meter Manufacturer OEM sl. # 1		Meter manufacturer must have Manufactured and supplied Minimum 10,000 nos. of Smart Meters on proposed communication technology in an Indian/Global Power Distribution Utility in the last 7 years	Meter manufacturer must have Manufactured and supplied Minimum 10,000 nos. of Smart Meters in an Indian/Global Power Distribution Utility in the last 7 years	Tender condition shall prevail
55	Section – 1: Request for Proposal Notice TABLE Important Dates, Amounts and Other Details Clause - Amounts for Bidding	Section – 1: Request for Proposal Notice TABLE Important Dates, Amounts and Other Details Clause - Amounts for Bidding	13	Amounts for Bidding B. Bid Security (Refundable) : INR 13.0 Lakhs	It is requested to clarify the Bid Security Amount. The Bid Security Amount mentioned in the RFP is INR 13.0 Lakhs, however, the Bid Security amount (EMD) mentioned in the GeM Bid Document and the Buyer Added Bid Specific ATC document is INR 1349950. Please clarify.	EMD is INR. 13,49,950.00 as mentioned in the GeM portal Please refer to RFP after considering corrigendum 1
56	Section – 2: Eligibility and Qualification Requirements Clause 8: Qualification Requirements Qualification Requirements for Spot Reading, Billing & Collection.	Section – 2: Eligibility and Qualification Requirements Clause 8: Qualification Requirements Qualification Requirements for Spot Reading, Billing & Collection.	21	Description: Technical Experience Qualifying Criteria: 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 yearout of last three financial years.	As per the Qualification criteria, power distribution utility can participate as a bidder. Thus it is suggested that the in-house experience of the utility for Reading, Billing & Collection / through sub-contracting shall be considered.	Please refer Amendment 1

57	Clause - 27 RECPDCL's Right to Vary Quantities at the time of Award	Clause - 27 RECPDCL's Right to Vary Quantities at the time of Award		27.1 RECPDCL reserves the right to increase or decrease the number of items under the AMI-IA Contract subject to the limit of - 20% (twenty percent) up to +30% (thirty percent) of the existing number of items (as provided in Section A of Form 1/Form 2 given in Section 5), covered under the AMI-IA Contract, without any change in the unit prices or other terms and conditions of the AMI-IA Contract and the Bid. 27.2 Further, the qty variation against Auxiliary LT items and Static Meters as mentioned in Form 2 of shall be as follows: The variation in quantity of the items shall be within the limit of plus/minus (+/-) hundred percent (100%) for individual items.	It is requested by AMI-IA to modify the current clause as decreasing the quantity post award will have an impact on the EMI and therefore affect the recovery of the AMI-IA. The prices worked out for our Financial Bid would be based on OEMs' quotes and our quantity commitments.	Tender condition shall prevail
58	Clause 21.1 Evaluation of Technical Bids/ Proposals or Form 15: Table of Compliance	Clause 21.1 Evaluation of Technical Bids/ Proposals or Form 15: Table of Compliance	44	All Bids will first be evaluated for 'Clause by Clause' compliance to the RFP document and the AMI-IA Contract including the technical specifications and functional requirements (with amendments, if any) as per the format prescribed in Form 15 given in Section 4.	Annotating the compliance clause by clause against each para of the RFP is very cumbersome and time taking. Instead of clause by clause compliance, kindly accept a signed copy of RFP as compliance along with deviation provided separately, if any.	Tender condition shall prevail
59	Section – 3: Instructions to Bidders and Bid Data Sheet 2. Introduction	Section – 3: Instructions to Bidders and Bid Data Sheet 2. Introduction	31, 32	Zone C: Area with no Cellular Connectivity.	We understand that there is no network connectivity in Zone C and there is no certainty of whether the network shall be set up in 3-5 years. Given the non-assurance of connectivity, it is suggested to de-scope the 10,000 nos. smart meters of Zone C. For illustration purpose: In case the network is established in Zone C after 5 years; the cost of smart meter, auxiliaries etc. may vary then & considering the uncertainty of the spate of 17% smart meters covered in the scope of this RFP, it is advisable to remove this portion in the current scope so as to arrive at realistic solution scoping and price bid.	Tender condition shall prevail
60	Section – 3: Instructions to Bidders and Bid Data Sheet	Section – 3: Instructions to Bidders and Bid Data Sheet	93	4.1 1Cx35 mm ² Cable, 1.1kV Grade, XLPE Insulated, Un-Armoured, FRLS type 4.2 1Cx70 mm ² Cable, 1.1kV Grade, XLPE Insulated, Un-Armoured, FRLS type	As we see in the BOQ cable quantity mentioned in Form 14: Table 1 BOM as "nos." whereas it is mentioned as "meters" in the BOQ sheet as per GeM Bidding document. It is requested to clarify the unit of cable qty.	The unit of cable qty is in Meters
61	Section – 3: Instructions to Bidders and Bid Data Sheet 2. Service Cable	Section – 3: Instructions to Bidders and Bid Data Sheet 2. Service Cable	92, 93		It is requested to provide Technical Specifications of service cables of below sizes: 1. 4CX35 Sq mm XLPE cable 2. 2CX16 Sq mm 1.1k V Grade, Armoured, XLPE Insulated Stranded Conductor FRLS type for 1Ph Connection 3. 4CX16 Sq mm 1.1k V Grade, Armoured, XLPE Insulated Stranded Conductor FRLS type for 3Ph Connection	Please refer the Annexure Q :Specification of Service Cable in the RFP document.
62	Section 6. Project Requirements 1.2 About the AMI Project and the AMI Project Area B) Other Details:	Section 6. Project Requirements 1.2 About the AMI Project and the AMI Project Area B) Other Details:	141	c) The infrastructure for recharge through feature phones/ offline channels may be adopted based on one kiosk per billing centre of LPDD for the entire period of project.	It may be noted that AMI-IA responsibility is upto HES, the Recharge mechanism and related infrastructure shall be in scope of agency finalised under RFP2. Thus it is suggested that this clause shall be removed from RFP 1.	Tender condition shall prevail
63	Section 6. Project Requirements 1.2 About the AMI Project and the AMI Project Area	Section 6. Project Requirements 1.2 About the AMI Project and the AMI Project Area	143	The DT and Feeder Meters to be installed in all Zones shall be Smart Meters only. The DT and Feeder meters in Zone A & B shall communicate as per frequency for consumer meters in respective zones. For DT and Feeder meters in Zone C, it shall operate in offline mode and will be brought online when connectivity is established in the area. The data from these meters in Zone C shall be downloaded until offline mode and uploaded to MDM for Energy Accounting (referred in RFP 2). No manual reading of meters shall be taken in these areas.	Presently, In Zone B & C Smart meters will not able to communicate itself with HES / MDM as network connectivity is not available. AMI-IA requested to allow manual meter reading in these area till availability of network connectivity.	As mentioned in the Rfp: The data from these meters in Zone C shall be downloaded until offline mode and uploaded to MDM for Energy Accounting
64	Section 6. Project Requirements 1.4 Brief Scope of Work:	Section 6. Project Requirements 1.4 Brief Scope of Work:	145	k. Installation of Distribution Box and Laying of Service cable from LT line to meter and from Meter to consumer, DT cables from DT meters to DTs, wherever applicable. Material, tools and other accessories (not covered in BoQ) required for dismantling, civil work and installation of the new, shall also be in the scope of agency.	It is assumed that the dismantled item shall be returned to the nearest located store of the Utility. Shifting/ transporting of Dismantled assets to any other location shall not be in bidder's scope.	Agreed
65	Section 6: Project requirement Service Level Agreement (SLA)	Section 6: Project requirement Service Level Agreement (SLA)	215	5. Scheduled energy audit and reliability indices report13 (DT wise) (For Zone A, B & C) 6. Scheduled energy audit and reliability indices report14 (Feeder wise) (For Zone A, B & C)	We understand that Generation of Monthly Energy Audit report is the functionality of MDMS to be covered in RFP2. However, The AMI-IA role is only to provide data with 100% data from meters and transfer quality and timely data to the MDM.	Yes.
66	Section 6. Project Requirements 3.2 HES Integrations with Field Devices	Section 6. Project Requirements 3.2 HES Integrations with Field Devices	203	HES shall export all meter data to MDM and pass control commands from MDM. HES should conform to IEC 61968-9 as well as support CIM 2.0 / MultiSpeak v3.0 standards. It may use any other standard interfaces as outlined in the approach paper, submitted as part of project implementation plan, for integrating with the MDM. Utility has implemented Service Oriented Architecture (SOA) based architecture for MDM, the data exchange to and from HES shall be through this SOA layer.	We understand that HES will be integrated with MDM as per the CIM standards. The requisite support for the integration of HES with MDM / any /other application (not in scope of AMI-IA) shall be ensured by PDD / RECPDCL.	Yes.

67	Section 6. Project Requirements Annexure W: Spot Reading, Billing & Collection	Section 6. Project Requirements Annexure W: Spot Reading, Billing & Collection	346	Annexure W: Spot Reading, Billing & Collection AMI-IA shall be required to perform under the contract for acquisition of Meter Reading from meters through Handheld Device (CMRI/Mobile device etc) for whole current meters, DTS and Feeder Meters and transmit/upload Meter reading data to Intermediate Server installed at Cloud on real time for online and within 72 hours for offline solution either by downloading it through system. The software solution for Spot Meter Reading, spot billing and Collection application shall be provided by RECPDCL through agency selected in RFP 2. All compatible HHD/CMRI and all other associated Infra for above activity shall be in scope of the AMI-IA.	Spot Reading, Billing and Collection cannot be done by AMI-IA until the successful bidder of RFP2 doesn't develop and implement the related application. SLAs pertaining to Zone C shall not be applicable till the time software for Spot Reading and Billing is not provided by RECPDCL. Please confirm.	Yes.
68	Section 7. Contract Forms and Conditions of Contract/ Pont No. 5.2.10.	Section 7. Contract Forms and Conditions of Contract/ Pont No. 5.2.10.	400	Upon replacing the Smart Meter, AMI-IA shall be entitled to raise a supplementary invoice for the amount mutually agreed between AMI-IA and RECPDCL.	It is requested to clarify the modality for the raising of supplementary invoice, based on which the AMI-IA would be able to recover the balance AMI IA Service Charge of the damaged meter as well as cover the cost of new meter to be installed.	Please refer the RFP
69	BID EXTENSION	BID EXTENSION			Considering the scale of the project and involvement of multiple solution partners, we request you please extend the bid submission date by 6 weeks post issuance of clarification / corrigendum, as present deadline is too short for submission of Techno-commercial bid.	Tender timelines shall prevail until further corrigendum issued in this regard.
70	Section 7. Contract Forms and Conditions of Contract Liquidated Damages, Penalty and Incentive	Section 7. Contract Forms and Conditions of Contract Liquidated Damages, Penalty and Incentive	403	Utility shall without prejudice to all its other remedies under the Contract, deduct from the amount due to be paid, as liquidated damages, 50% of AMIA Service Charge for each delayed meter installation for each completed month of delay for a maximum period of 12 (twelve) months.	It is requested to relax the Liquidity Damages charges from 50% to 5% as the payment of meters through AMI-IA Service Charge will only start upon commissioning of meters, therefore, an inbuilt penalty is already factored in the DBFOOT model	Tender condition shall prevail
71	Section 6: Project requirements 7.7 Service Level Agreement (SLA)	Section 6: Project requirements 7.7 Service Level Agreement (SLA)	212	The total penalties under SLA categories are capped at 20% of AMI-IA Service Charge during O&M Period.	Considering the adverse climatic conditions, difficult terrain and intermittent cellular network, operations will be very challenging. Thus, it is requested to amend the clause as "The total penalties under SLA categories are capped at [5%] of AMI-IA Service Charge during O&M period".	Tender condition shall prevail
72	Section 6: Project requirements 7.7 Service Level Agreement (SLA)	Section 6: Project requirements 7.7 Service Level Agreement (SLA)	214-216	SLA Table	It is suggested that the SLA conditions should not be applicable for the duration of natural force majeure events and during the months of extreme weather conditions when normal activities get hampered.	Tender condition shall prevail
73	Section 6: Project requirements 7.7 Service Level Agreement (SLA) SLA Table	Section 6: Project requirements 7.7 Service Level Agreement (SLA) SLA Table	214	A. Scheduled Tasks (Point 1, 2, 3)	It is suggested that this clause should be amended considering the adverse climatic conditions, difficult terrain and intermittent cellular network, imposing challenges.	May be considered on case to case basis during execution phases
74	Section 6: Project requirements 7.7 Service Level Agreement (SLA) SLA Table	Section 6: Project requirements 7.7 Service Level Agreement (SLA) SLA Table	214 - 216	4. Scheduled billing profile data for the bill period (for Zone A & B) Remote Reading	It is suggested that this clause should be amended considering both scenarios of "Remote reading through AMI / Reading through CMRI for non communicating cases" & the time limit be revised from 72 hours to 120 hours; considering difficult terrain, adverse climatic conditions etc.	Tender condition shall prevail
75	General Delay in project implementation due to pandemic situation	General Delay in project implementation due to pandemic situation			In case of delay in Installation (post delivery) of the meter & other equipments at PDD / RECPDCL site attributed to force majeure condition or any pandemic or any other unforeseen untoward situation, how will the guarantee/ warranty of the equipment deployed under the project be affected. Please clarify.	The same shall be reviewed as per provision mentioned in RFP during Force Majeure Conditions
77	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):	444	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	We understand that Energy Audit shall be the functionality of the MDMS to be covered in scope of RFP2 and not in AMI-IA's scope. Accordingly it shall not be part of documentation for invoicing. Please confirm and arrange to exclude Energy Audit Report from Payment Schedule clause stated above.	"ii. Energy Audit report;" - Deleted

78	Section 5. Financial Proposal -Forms Form 3: Spot Meter Reading, Bill Generation, Distribution & Collection and Connection/Reconnection	Section 5. Financial Proposal -Forms Form 3: Spot Meter Reading, Bill Generation, Distribution & Collection and Connection/Reconnection	138	Note: Any consumer having meter number in the billing database, but meter does not exist at consumer premises, for such case, rate applicable will be similar to unmetered consumer.	Please specify the rate which is applicable to unmetered consumers in LPDD.	The details shall be shared after award of work.
79	Section 8 - Contract Related Forms III. Payment Schedule towards Spot Meter, Billing, Distribution & Collection for Zone C (Form 3 of Financial bid):	Section 8 - Contract Related Forms III. Payment Schedule towards Spot Meter, Billing, Distribution & Collection for Zone C (Form 3 of Financial bid):	450, 451		Please confirm whether this clause shall be applicable for Spot Meter reading and Billing cases of Zone B also. Kindly incorporate the same in Form 3 of Financial Bid too.	Spot Meter reading and Billing cases is not envisaged in Zone B. However, if so required, the same shall be reviewed during execution on case to case basis.
80	Section 8 - Contract Related Forms III. Payment Schedule towards Spot Meter, Billing, Distribution & Collection for Zone C (Form 3 of Financial bid):		451		The current payment terms is linked with payment collection and mode of payment done by the customer. which shall affect the AMI-IA revenue. It is stated that AMI-IA will do all possible efforts for collection of 100% payment. Thus, we request to amend the Payment terms against Item No. 3.1 as "AMI-IA shall be paid 100% of the quoted amount against item no. 3.1 of Form 3 on meter reading, bill generation and bill serving to consumer"	Tender condition shall prevail
81	GeM-Bidding-3318260 Bid document - Table	GeM-Bidding-3318260 Bid document - Table	Page No 1	Bid details - Total Quantity is mentioned as 1688800, even though the tender is for only 60000-meter quantity	We understand that the total smart meter quantity supply is of 60K but in the mentioned clause it is written 1688800. Kindly clarify.	This is as per provision of GeM as it adds all quantities mentioned in the BoQ.
82	GeM-Bidding-3318260 Bid document - Table	GeM-Bidding-3318260 Bid document - Table	Page No 3	EMD Detail EMD Details Table : EMD is mentioned as 1349950	Please confirm if this EMD amount needs to be arranged	Please refer Amendment 1
83	GeM-Bidding-3318260	GeM-Bidding-3318260	Page No 4	MII Purchase Preference local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted 1. Preference to Make in India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum	Please explain the local content calculation with an illustrative. For eg, if all the material is procured from outside India (cost INR 100), however same is assembled in India and final product cost INR 200. Then this will qualify as 50% local content.	As per MoP Guidelines and circulars mentioned in Annexure III of BDS in Section 3
84	GeM-Bidding-3318260	GeM-Bidding-3318260	Page No 5	Specification DocumentView File	Please confirm if the "Specification Document" is omitted and the document on page 46 "Buyer uploaded ATC document Click here to view the file ." need to be referred in place of Specification Document	Yes.
85	Section 1 Request for Proposal Notice	Section 1 Request for Proposal Notice	Page-13	TABLE Important Dates, Amounts and Other Details c) Last date for submission of e-bidding Date: 10-06-2022 Time: 19:00 Hrs	From our experiences drawn from similar TOTEX based projects, we submit that detailed due diligence along with an area survey are essential elements of developing a bid strategy that ensures successful delivery of the project. For conducting such detailed due diligence of the area, assessing all key components, and submitting a competitive bid, we request you to extend the Bid Deadline by 30 (thirty) days. i.e. 10-07-2022	Tender timelines shall prevail until further corrigendum issued in this regard.
86	Section 2 Clause 8.1.1	Section 2 Clause 8.1.1	Page-19	8.1.1 In addition to the above, the Meter OEMs, Cellular Solution Provider OEM should meet the following eligibility criteria:	Following clarity is required from RECPDCL relating to use of OEM experience: a) If the same OEM will be allowed to participate with different AMI-IA. b) If OEM is participating as sole bidder/ consortium member, then is it allowed to provide OEM support to other AMI-IA. Can a different OEM be selected post award of contract meeting the OEM criteria of RFP whose credentials has not been submitted along with bid.	Please refer to the RFP conditions.
87	Section 2 Clause 8.1.1	Section 2 Clause 8.1.1	Page-21	Qualification Requirements for Spot Reading, Billing & Collection. 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)	Kindly amend the clause as: "The Bidder/OEM 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)"	Please refer to Amendment 1.
88	Section 2 Clause 8.1.1	Section 2 Clause 8.1.1	Page-21	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.	Kindly amend the clause as: "The bidder/OEM should have minimum 100 working persons enrolled under EPF act as on the last date of submission of bid."	Please refer to Amendment 1.

89	Section – 2: Eligibility & Qualification requirements	Section – 2: Eligibility & Qualification requirements	Page-22	The technically evaluated entity claiming experience must have either executed itself/paid for such projects or must own at least 26% of the shareholding in the company that has executed the project(s) up to the date of commissioning of such project.	Kindly amend the clause as: "The technically/financial evaluated entity claiming experience must have either executed itself/paid for such projects or must own at least 26% of the shareholding in the company that has executed the project(s) up to the date of commissioning of such project."	Tender condition shall prevail
90	RFP - Section 3 -(b) Bidding Process and Electronic- Procurement System	RFP - Section 3 -(b) Bidding Process and Electronic- Procurement System	Page 32	Zone C: Area with no Cellular Connectivity. LPDD shall ensure availability of functional Static electronic meters for all metered/unmetered consumers in this Zone. AMISP shall carry out Spot Reading, Billing and Collection with the application to be provided by RECPDCL from agency engaged through RfP 2	Incase if there is delay by agency onboarded as per RFP2 to arrange the application for Spot billing, reading and collection then the SLA penalty will not be imposed on Agency onboarded in RFP1. Further, in absence of the above application, agency on board in RFP1 as AMISP is not be responsible to arrange the application. If the application is required to be arranged then the supplement invoice will be accepted for additional services.	Agreed
91	Section – 3: Instruction to Bidders and Bid Data Sheet	Section – 3: Instruction to Bidders and Bid Data Sheet	Page No 38	A. General Provisions 7. General Considerations and Instructions 7.10 An analysis of the technical specifications, functional and performance requirements of the AMI system as provided in Section 6 may lead the Bidders to conclude that additional items (for example communication repeater, router etc.) are required that are not specifically mentioned in this specification. The Bidders shall be responsible for installing such items (at no additional cost to the RECPDCL) such that a reliable and fully functional AMI system is implemented that meets or exceed the capacity and performance requirements. Such materials shall be deemed to be within the scope of the AMI-IA Contract. To the extent possible, the Bidder shall identify and include all such additional items in their proposal.	is there any specific requirement of communication repeater?	Tender condition shall prevail
92	Section- 3 27. RECPDCL's Right to Vary Quantities at the time of Award	Section- 3 27. RECPDCL's Right to Vary Quantities at the time of Award	Page-52	27.2 Further, the qty variation against Auxiliary LT items and Static Meters as mentioned in Form 2 of shall be as follows: The variation in quantity of the items shall be within the limit of plus/minus (+/-) hundred percent (100%) for individual items. In case the quantity variation of the individual items is beyond the limit specified above, the unit rates for the quantity beyond the said limit, shall be mutually agreed based on prevailing market rates as may be fair and reasonable..	Considering the quantum of work, the deviation should be reduced to plus/minus (+/-) 5% as larger deviation in the quantum will impact the financial estimates of the bidder.	Tender condition shall prevail
93	Section-3 29. Signing of Contract and Contract Performance Security	Section-3 29. Signing of Contract and Contract Performance Security	Page-52	29.2 Within 14 (fourteen) Days of the receipt of Letter of Award from RECPDCL, the Successful Bidder shall furnish the Performance Security, using for that purpose the format of Performance Security given in Form 1 in Section 8.Immediately upon furnishing of Performance Security, AMI-IA may request the RECPDCL to execute the AMIIA Contract	It is requested to increase the duration for submission of Performance security by 45 (Forty Five) days from Letter of Award as BG issuance process from Bank requires certain fixed time.	Tender condition shall prevail
94	Section – 4 Form:20 Pre-Contract Integrity pact	Section – 4 Form:20 Pre-Contract Integrity pact	Page-104	Form:20 Pre-Contract Integrity pact	We understand that bidder has to furnish original hard copy of Pre-Contract Integrity pact agreement by the last date and time of submission of bids (ref clause 17.3 of section 3). Also, as mentioned Pre-Contract Integrity pact agreement is to be executed between the bidder and the buyer prior to submission of bid. It is requested to clarify the process of signing of document with the concerned authority (buyer/owner).Is the bidder required to approach RECPDCL/ Discoms of Ladakh. If yes, we would request to provide relaxation to the bidder to submit the Integrity pact agreement post submission of bid/ opening of financial bid.	The duly signed & stamped Integrity Pact as per the format mentioned in the RfP to be submitted to RECPDCL.
95	Section – 5	Section – 5	Page 138	Form:3 Spot Meter Reading, Bill Generation, Distribution & Collection	Kindly provide the quantity in the form as only unit price is asked.	The quantity is mentioned in the GeM portal.
96	Section 6. Project Requirements 1. Overview of the AMI-IA Scope of Work	Section 6. Project Requirements 1. Overview of the AMI-IA Scope of Work	Page No 140	1.2 About the AMI Project and the AMI Project Area	We understand that meter are to be supplied in Zone A & Zone B only electronic meter not smart meter will be installed in Zone C. Meters in Zone C will be in scope of LPDD/RECPDCL.Also, we understand that 40K smart meters will be in Zone A and the rest quantity of 20K smart meters will be in Zone B. Kindly confirm.	Please refer the RfP.
97	Section 6. Project Requirements 1. Overview of the AMI-IA Scope of Work	Section 6. Project Requirements 1. Overview of the AMI-IA Scope of Work	Page No 140	1.2 About the AMI Project and the AMI Project Area	We understand that Spot Billing, reading and collection will be in Zone C only. Kindly confirm.	Please refer the RfP.
98	Section 6. Project Requirements 1. Overview of the AMI-IA Scope of Work	Section 6. Project Requirements 1. Overview of the AMI-IA Scope of Work	Page No 140	1.2 About the AMI Project and the AMI Project Area	Please share the GIS co-ordinates for Meter Locations so that appropriate survey may be initiated to understand the project related dynamics.	As mentioned in the RfP : AMISP shall carry out detailed field survey to identify the no. of consumers in Zone A, B & C before commencement of work.
99	Section 6. Project Requirements 1.4 Brief Scope of Work:	Section 6. Project Requirements 1.4 Brief Scope of Work:	Page No 142	Survey of area for identification of defective Electronic meters/Electromechanical Meters/Unmetered consumer to be informed to LPDD to ensure functional meters in this area.	We understand that the supply of electronic/electromechanical meter will be in RECPDCL/LPDD scope.	Yes.

100	Section 6. Project Requirements 1.2 About the AMI Project and the AMI Project Area	Section 6. Project Requirements 1.2 About the AMI Project and the AMI Project Area	Page No 142	1. Overview of the AMI-IA Scope of Work 1.2 About the AMI Project and the AMI Project Area Zone B: Area with intermittent connectivity i.e. Upto 3-4 hrs (based on Base Tower Station (BTS) being powered-up by utility Diesel Generators) or Availability of 2G/3G network only. AMI-IA shall install Smart Meters in postpaid mode while the feature of Smart Post and Prepaid Metering shall be in-built and configurable Over-The-Air (OTA) as per site feasibility. AMI-IA to ensure data collection from these meters atleast once in a day as per defined SLA. Billing shall be done on postpaid/prepaid basis (base on above configuration). AMI-IA shall ensure bill distribution to these consumers. Alternatively, AMI-IA may also carry out Spot Reading, Billing & Collection in these areas to meet respective SLA's with the application to be provided by RECPDCL from agency engaged through RfP 2, under off-line/Online Mode on monthly basis or as per practise of LPDD.	As per the description in Zone B, there will only 2G/3G network upto 3-4 hrs available so please let us know in these area 4G meters/NIC will be provided or 2G/3G only?	To be ensured by the bidders to meet the specified SLAs.
101	Section 6. Project Requirements 1.2 About the AMI Project and the AMI Project Area	Section 6. Project Requirements 1.2 About the AMI Project and the AMI Project Area	Page No 142	1. Overview of the AMI-IA Scope of Work 1.2 About the AMI Project and the AMI Project Area Zone C: Area with no Cellular Connectivity. LPDD shall ensure availability of functional Static electronic meters for all metered/unmetered consumers in this Zone. AMI-IA shall carry out Spot Reading, Billing and Collection with the application to be provided by RECPDCL from agency engaged through RfP 2, under off-line Mode on monthly basis or as per practise of LPDD. AMI-IA shall procure necessary hardware as detailed in Annexure W of Section 6 and provide necessary manpower for ensuring SLA as detailed in Section 6. The upload of billing parameters of field device/application to billing system should be system driven without any manual upload.	As per description, Zone C: Area with no Cellular Connectivity so it means SIMs card will not be provided for these area as there will be non smart meters. Kindly confirm.	Yes.
102	Section 6. Project Requirements 1.4 Brief Scope of Work:	Section 6. Project Requirements 1.4 Brief Scope of Work:	Page No 145	1.4 e) Generation of automated energy audit reports (DT level/ Feeder level / Sub-division level/ Division level/ Circle) in contiguous electrical locations and other reports as per Clause 6 of this Section;	In Zone C, in Feeder/DT Smart meter to be installed because due to no network availability automated reports cannot be generated	Please refer to RfP
103	Section 6. Project Requirements 2.7.3.3.9 Business Continuity Plan & Backup Services	Section 6. Project Requirements 2.7.3.3.9 Business Continuity Plan & Backup Services	Page No 167	Duration of time and a service level within which a business process must be restored after a disruption in order to avoid unacceptable consequences associated with a break in continuity of service. The RTO of 30mins shall be met by infrastructure redundancy and failover.	Kindly amend the clause as per SBD: " Duration of time and a service level within which a business process must be restored after a disruption in order to avoid unacceptable consequences associated with a break in continuity of service. The RTO of 4Hrs shall be met by infrastructure redundancy and failover."	Please refer to Amendment 1.
104	Section 6. Project Requirements 2.7.3.3.9 Business Continuity Plan & Backup Services	Section 6. Project Requirements 2.7.3.3.9 Business Continuity Plan & Backup Services	Page No 167	Interval of time that may pass during a disruption before the quantity of lost data during that period exceeds the business continuity plan's maximum allowable threshold. The RPO of 6 hours shall be met by a suitable backup and replication strategy of operational data / application. The RPO shall define how fast the replicated data / application can be made available to the target system after a disruption strikes.	Kindly amend the clause as per SBD: " Interval of time that may pass during a disruption before the quantity of lost data during that period exceeds the business continuity plan's maximum allowable threshold. The RPO of 2 hours shall be met by a suitable backup and replication strategy of operational data/application. The RPO shall define how fast the replicated data/application can be made available to the target system after a disruption strikes."	Please refer to Amendment 1.
105	Section-6: 1.4 Brief Scope of Work: B) Other Details	Section-6: 1.4 Brief Scope of Work: B) Other Details	Page-142	For Zone A, the data has to be captured at meter level a periodicity of 30 mins and shall be sent to HES with an interval of 8 hrs, while for Zone B, the smart meter shall capture 30 Mins interval data and shall be extracted once in a day during the availability of connectivity. For Zone A&B, the AMI-IA shall be required to ensure meter reading data available for all consumers, DTs, Feeders at HES Level for monthly level Energy Accounting and subsequently at MDM (detailed in RfP 2). The AMI system shall be provided duly integrated till HES level and the same shall be integrated with the MDM and Billing System being procured through a separate RfP 2 and other legacy systems of utility.	RECPDCL is requested to provide the status of MDM deployment and integration with the billing system. Also, specification of MDM is requested to be provided.	The same shall be provided in the RfP 2.
106	Section 6. Project Requirements 1.2 About the AMI Project and the AMI Project Area	Section 6. Project Requirements 1.2 About the AMI Project and the AMI Project Area	Page No 142	For Zone C, the Spot Reading, Billing and Collection shall be carried out on monthly basis or as desired by LPDD. the AMI-IA shall ensure meter reading data available for all Consumers, DTs, Feeders at MDM Level for monthly level Energy Accounting	Kindly provide the details that after collection where will be payment get deposited. Also, provide details about how the amount will be submitted, will it be cash, through check or any other payment method.	The process of payment collection of consumer is defined to be through E-Wallet and as detailed in Annexure W in the RfP document

107	Section-6: 1.4 Brief Scope of Work:	Section-6: 1.4 Brief Scope of Work:	Page-143	K. installation of Distribution Box and Laying of Service cable from LT line to meter and from Meter to consumer, DT cables from DT meters to DTs, wherever applicable. Material, tools and other accessories (not covered in BoQ) required for dismantling, civil work and installation of the new, shall also be in the scope of agency.	It may be clarified if any underground cabling is envisaged in this scope.	Tender condition shall prevail
108	Section-6: 1.4 Brief Scope of Work:	Section-6: 1.4 Brief Scope of Work:	Page-143	K. installation of Distribution Box and Laying of Service cable from LT line to meter and from Meter to consumer, DT cables from DT meters to DTs, wherever applicable. Material, tools and other accessories (not covered in BoQ) required for dismantling, civil work and installation of the new, shall also be in the scope of agency.	It is requested to provide details of expected civil works so that the same can be considered by the bidders in their estimates. Further it may be clarified how such item will be paid to the bidders as Format of Submission of Financial Bid Section B does not have any item defined against this scope.	As mentioned in the RFP : AMISP shall carry out detailed field survey to identify the no. of consumers in Zone A, B & C before commencement of work.
109	Section-6: 1.4 Brief Scope of Work:	Section-6: 1.4 Brief Scope of Work:	Page-143	K. installation of Distribution Box and Laying of Service cable from LT line to meter and from Meter to consumer, DT cables from DT meters to DTs, wherever applicable. Material, tools and other accessories (not covered in BoQ) required for dismantling, civil work and installation of the new, shall also be in the scope of agency.	It is requested to provide service and DT cabling schedule and details of specific area and phasing planned for new cabling works and cabling replacement.	As mentioned in the RFP : AMISP shall carry out detailed field survey to identify the no. of consumers in Zone A, B & C before commencement of work.
110	Section-6: 1.4 Brief Scope of Work:	Section-6: 1.4 Brief Scope of Work:	Page-143	K. installation of Distribution Box and Laying of Service cable from LT line to meter and from Meter to consumer, DT cables from DT meters to DTs, wherever applicable. Material, tools and other accessories (not covered in BoQ) required for dismantling, civil work and installation of the new, shall also be in the scope of agency.	It is requested to provide process of handover and storage involved during removal of existing cables from the site. These activities may be considered in the scope of Utility.	Tender condition shall prevail
111	Section-6: 1.4 Brief Scope of Work:	Section-6: 1.4 Brief Scope of Work:	Page-143	b. Smart Meters for DT along with CTs, Meter box and DT cable where required and Digital Inputs Connections along with its accessories to capture from available Oil Level and Oil Temperature indicators, wherever feasible.	RECPDCL is requested to provide details of signal / data will be received from oil temperature and oil level device / sensor of the distribution transformer. These inputs are required to assess integration of same with Smart meters. Moreover, smart meter complied to DLMS protocol, clarity required whether oil temperature & oil level indicator will have similar protocol to communicate.	Shall be provided at the time of detailed engineering.
112	Section-6: 1.4 Brief Scope of Work:	Section-6: 1.4 Brief Scope of Work:	Page-143	I. Installation of 9x1 Cabinet boxes with requisite cabling where ever applicable	It is requested the share the specifications of the cabinet boxes.	To be provided by the bidder at the time of detailed engineering.
113	Section 6. Project Requirements 2.2 Communication Infrastructure	Section 6. Project Requirements 2.2 Communication Infrastructure	Page-151	The communication infrastructure shall be 100% Cellular. Communication network shall provide reliable medium for two-way communication between various nodes (SmartMeter) & HES.	Since the payments to developers are linked with meeting monthly SLAs, the communication requirement should be made technology agnostic.	Tender condition shall prevail
114	Section 6. Project Requirements	Section 6. Project Requirements	Page-153	2.2.2.1 NMS Requirements Specific to HES	We understand that Cellular WAN monitoring will happen on demand basis as per requirement, kindly confirm on this.	Tender condition shall prevail
115	7.7 Service Level Agreement (SLA)	7.7 Service Level Agreement (SLA)	Page-189	Revision required in the existing SLAs	It is highlighted that deployment of MDM has been excluded from the scope of AMI-IA and integration of HES is to be done with ongoing MDM Solution which will be part of RFP-2 of LPDD by RECPDCL. Since the scope limits MDM, any impact on SLAs due to MDM and its dependencies on the AMI system should be negated from the scope of AMI-IA. In view of the above, RECPDCL is requested to clarify that all SLAs mentioned in the RFP document should be driven and measured at HES level only.	Agreed.
116	7.7 Service Level Agreement (SLA)	7.7 Service Level Agreement (SLA)	Page No 189	Service Level Agreement (SLA) shall be monitored as mentioned in the following table. It is expected that the AMI system shall meet the minimum threshold of service defined against each level. Any degradation below this minimum threshold will attract penalties as per bands of service level met. The idea is that it triggers a proper review of any defect / failure / performance that had been agreed upon for the project, and to find resolutions in keeping with the highest standards of service excellence. The total penalties under SLA categories are capped at 20% of AMI-IA Service Charge during O&M Period. AMI-IA shall ensure that the data collection and computation for the purpose of SLA penalties (as mentioned in the following table) should be automated and visualized in RECPDCL/LPDD interface as per Clause 2.5 of this section.	Considering the difficult terrain and geographical shocks, achievement of SLAs round the year is difficult. Higher penalty clauses will eventually increase the project risk vis-à-vis project cost. Therefore, in the interest of the consumer, total penalty on SLAs should not be more than 10%, which is presently capped at 20%. SLAs should be further relaxed and reconstructed accordingly.	Tender condition shall prevail
117	Section 6. 12. Project Implementation Schedule	Section 6. 12. Project Implementation Schedule	Page No 222	12. Project Implementation Schedule	Though the Contract is for 60,000 quantity of smart meter however it is also specified in the clause 1.2 of Section 6. Project Requirements that the areas where network availability is not present i.e. in Zone B & C, the static electronic meters would be gradually migrated to Smart Meters with pre-paid functionality during project lifecycle i.e all meters shall be gradually migrated to Zone-A based on network availability. Since almost 20,000 quantity of smart meter which falls under Zone B & C, in those areas smart meters cannot be installed since beginning of the execution of the Contract and further it is also unknown that when the network shall be available in those areas. Hence, Installation milestone shall be relaxed and should be limited to completion of 40,000 only.	Tender condition shall prevail

118	Section 6. 12. Project Implementation Schedule	Section 6. 12. Project Implementation Schedule	Page No 222	Installation Milestone Within 12 months from the date of execution of the Contract	Since the required Feeder Meters is 0.2 S Class meter required on 100% Cellular, the type testing, integration, manufacturing and supply may require considerable time accordingly. Delivery, site installation, integration, and operationalization of 100% of Feeder Meters each with related hardware, software and equipment may be extended to within 24/30 months from the date of execution of the Contract. Kindly amend the clause.	Tender condition shall prevail
119	Section 6. Project Requirements Annexure C Three phase CT operated alternating current Smart Meter of Accuracy Class 0.5S (DT Meter, LT-CT Meter, etc.)	Section 6. Project Requirements Annexure C Three phase CT operated alternating current Smart Meter of Accuracy Class 0.5S (DT Meter, LT-CT Meter, etc.)	Page 238	In case of Cellular based meter, the meter shall accommodate SIM card/ e-SIM of any service provider/Multi-network SIM. The meter shall log the removal of the plug-in type communication module removal/nonresponsive event with snapshot.	Since it's the responsibility of AMISP to fetch the meter data and meet specified SLAs, the requirement of dual sim card may kindly be removed.	Tender condition shall prevail
120	Section 7. Contract Forms and Conditions of Contract	Section 7. Contract Forms and Conditions of Contract	Page 352	5.2.7 RECPDCL shall, within 90 (ninety) days from the date of execution of Contract, establish a "Direct Debit Facility (DDF)" to ensure recovery of the amount due to be paid to the AMI-IA including amount due to be paid towards supplementary invoice. In this regard, RECPDCL shall create a dedicated account for receipt of payment from LPDD. The DDF for payments to AMI-IA shall be created on this dedicated account	We request a Payment security mechanism in form of Letter of credit shall be opened in the favour of AMI-IA	Tender condition shall prevail
121	Section 7. Contract Forms and Conditions of Contract 5.2 PAYMENT MECHANISM	Section 7. Contract Forms and Conditions of Contract 5.2 PAYMENT MECHANISM	Page No 349	5.2.3 The payments due to the AMI-IA from RECPDCL shall be paid on monthly basis as per the payment structure specified in SCC.	The payment mechanism in the RFP is complex and involves multiple adjustments in the payment of mobility advance, lump-sum capex and monthly fees to developers. Further, the structure is susceptible to disputes between implementing agency and utility. Thus, the present payment mechanism may be aligned with SBD to enable smooth operation throughout the concessional period.	Tender condition shall prevail
122	Section 7. Contract Forms and Conditions of Contract 5.2 PAYMENT MECHANISM	Section 7. Contract Forms and Conditions of Contract 5.2 PAYMENT MECHANISM	Page-349	Additional Provision in the payment mechanism.	It is requested to add below clause: "Non-payment of the undisputed eligible monthly payment to the AMISP by the utility by the last day of the month in which the concerned invoice has been raised by the AMISP shall attract a default interest of 15% per annum from the first day of the succeeding month till the utility makes full payment of such invoice (and the default interest calculated in accordance with this article) to the AMISP. AMISP's right to claim default interest is without prejudice to any of its right to terminate this AMISP. Contract in accordance; with the provisions of this Contract or any other right or remedy available to it under this Contract or Applicable Laws".	Tender condition shall prevail
123	Section 7. Contract Forms and Conditions of Contract 5.2 PAYMENT MECHANISM	Section 7. Contract Forms and Conditions of Contract 5.2 PAYMENT MECHANISM	Page No 350	RECPDCL shall, within 90 (ninety) days from the date of execution of Contract, establish a "Direct Debit Facility (DDF)" to ensure recovery of the amount due to be paid to the AMI-IA including the amount due to be paid towards supplementary invoice. In this regard, RECPDCL shall create a dedicated account for receipt of payment from LPDD. The DDF for payments to AMI-IA shall be created on this dedicated account	Operationalisation of Direct Debit Facility appears difficult since receivables from consumer payments may already be charged to existing creditors. It is understood that payment process will be on halt until Direct Debit Facility gets restored or an alternative payment method is devised. During this period AMISP will keep on servicing its financial as well as commercial liabilities. In addition, there is no fallback security cover in absence of timely payment received through Direct Debit. Therefore, absence of appropriate payment security mechanism shall render AMI project as financially vulnerable. It is suggested that REC should instill more confidence in the bidders by structuring a layer funded by RECPDCL over and above existing framework of Direct Debit backed by Discom payments. This will ensure substantial reduction in financial risks for the bidders and shall ensure discovery of efficient pricing. <ul style="list-style-type: none"> • A Reserve Account to be built equivalent to average of the successive 3 month's of Monthly amount through the bucket filling approach mentioned in the clause 5.2.8 after making payment to the AMI-IA. • A pari-passu 1st charge on the receivables of the DISCOM and RECPDCL by way of Deed of Hypothecation. 	Tender condition shall prevail
124	Section 7. 7. Liquidated Damages, Penalty and Incentive	Section 7. 7. Liquidated Damages, Penalty and Incentive	Page 354	Except in case of Force Majeure or where the delay in delivery of the Solution is caused due to any delay or default of RECPDCL/LPDD if the Installation Milestone is delayed by more than 12 months from date of execution of contract, the AMI-IA shall be liable to pay liquidated damages as per the rates specified in this Article.	Applicability of LD shall be limited to delay in installation of Smart meters for Zone A only.	Tender condition shall prevail
125	Section 7. 7. Liquidated Damages, Penalty and Incentive	Section 7. 7. Liquidated Damages, Penalty and Incentive	Page-354	7.2 Except in case of Force Majeure or where the delay in delivery of the Solution is caused due to any delay or default of Utility if the delivery, site installation, integration and operationalization of 100% of Feeder Meters each with related hardware, software and equipment is delayed by more than 9 (nine) months from the date of execution of the Contract the AMISP shall be liable to pay liquidated damages as per the rates specified in this Article.	It is requested to amend the clause as below: 7.2 Except in case of Force Majeure or where the delay in delivery of the Solution is caused due to any delay or default of Discom if the delivery, site installation, integration and operationalization of 100% of Feeder Meters each with related hardware, software and equipment is delayed by more than 15 (fifteen) months from the date of execution of the Contract the AMISP shall be liable to pay liquidated damages as per the rates specified in this Article.	Tender condition shall prevail

126	Section 7. 7. Liquidated Damages, Penalty and Incentive	Section 7. 7. Liquidated Damages, Penalty and Incentive	Page- 354	7.3 Utility shall without prejudice to all its other remedies under the Contract, deduct from the amount due to be paid, as liquidated damages, 50% of AMIIA Service Charge for each delayed installations and Go-Live meters for each completed month of delay for a maximum period of 12 (twelve) months. An illustrative example for arriving at the deductions is given in SCC.	It is requested to amend the clause as below: 7.3 Discom shall without prejudice to all its other remedies under the Contract, deduct from the amount due to be paid, as liquidated damages, 10% of AMISP Service Charge for each delayed meter for each completed month of delay for a maximum period of 12 (twelve) months.	Tender condition shall prevail
127	Section 7. 9.Force Majeure, a) Force Majeure Event	Section 7. 9.Force Majeure, a) Force Majeure Event	Page -356	Addition in Natural Force Majeure Events	We request you to kindly add 'pandemic' & 'pandemic event resulting in quarantine restrictions' as natural force majeure event.	Tender condition shall prevail
128	Section 7. 9.Force Majeure, a) Force Majeure Event	Section 7. 9.Force Majeure, a) Force Majeure Event	Page -356	Addition in the Force Majeure clause	It is also requested to consider below Force Majeure clauses and to be inserted: -Apart from the Direct impact, Indirect impact of Force Majeure event should be account for ground of Extension of Time. -Force Majeure beyond a specified period of time should be a ground for termination of the Contract.	Tender condition shall prevail. Further, it shall be the sole decision of RECPDCL/LPDD based on the written request submitted by the bidders.
129	Section 7. Contract Forms and Conditions of Contract 11.5. CONSEQUENCES OF TERMINATION	Section 7. Contract Forms and Conditions of Contract 11.5. CONSEQUENCES OF TERMINATION	Page 365	a) In case termination of this Contract on account of AMI-IA's event of default: Termination payment to AMI-IA after Installation Milestone has been declared shall be the percentage, specified in SCC, of the termination payment Value as determined in terms of this Contract. c) In case termination of this Contract prior to Installation Milestone the Termination payment shall be equal to: i. the percentage, specified in SCC, of the value of the assets proposed to be handed over to the RECPDCL as certified by an independent valuer in the event termination is on account of AMI-IA event of default 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	Please amend the clause with SCC value revised to at least 80% Termination payment before or after work completion on account of Events of Default by AMISP have been dealt under Articles 11.5.3.(a) and 11.5.3.(c), respectively. It is submitted that existing termination payment capped at 60% of termination payment value computed based on present value of receivable for installed assets fails to attract lenders' confidence on account of recovery of its debt. Since optimum debt equity mix in capital structuring generally limits debt portion to 70% or 80%, it is suggested that capping on termination payment should be at least 80% of the termination payment value.	Tender condition shall prevail
130	Section 7. Contract Forms and Conditions of Contract : Article 11.5.3 c) ii	Section 7. Contract Forms and Conditions of Contract : Article 11.5.3 c) ii	Page No 366	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	The percentage, which is further referred to SCC is missing in the SCC part. Kindly provide the same.	100%
131	Section 7. Contract Forms and Conditions of Contract 14. Change Order	Section 7. Contract Forms and Conditions of Contract 14. Change Order	Page No 378	Change Notes / Change Order to Alter number of Meters to be Installed Necessity of Change Notes arise due to more meters getting added over and above the numbers agreed for the project, subject to the variance limit of specified in SCC, as percentage of the number of meters decided.Negative variation is permissible only up to the "Installation Milestone". Positive variation is however possible at any time during the Contract Period.	Please amend the clause with SCC value revised to at least 85%Termination payment before or after work completion on account of Events of Default by AMISP have been dealt under Articles 11.5.3.(a) and 11.5.3.(c), respectively. It is submitted that existing termination payment capped at 60% of termination payment value computed based on present value of receivable for installed assets fails to attract lenders' confidence on account of recovery of its debt. Since optimum debt equity mix in capital structuring generally limits debt portion to 70% or 80%, it is suggested that capping on termination payment should be at least 85% of the termination payment value.	Tender condition shall prevail
132	Section 7. Contract Forms and Conditions of Contract 19. Change in Laws and Regulations	Section 7. Contract Forms and Conditions of Contract 19. Change in Laws and Regulations	Page No 388	19.2 The Party affected by a change in law shall give notice giving details of the likely impact of the change in law. The Parties shall negotiate in good faith to place the affected party at the same economic position as if no change in law had occurred. Provided only such change in law events which have financial impact beyond a threshold specified in SCC, are to be considered for the purposes of grant of relief to the affected Party.	It is requested to amend and consider the threshold specified in SCC from 0.2 % of Contract Price to 0% value for the purposes of grant of relief to the affected Party.	Tender condition shall prevail
133	Section 8 - Contract Related Forms	Section 8 - Contract Related Forms	Page No 401	III. Payment Schedule towards Spot Meter, Billing, Distribution & Collection for Zone C (Form 3 of Financial bid): Against item no. 3.1 of Form 3 on meter reading, bill generation and bill serving to consumer AMI-IA shall be paid 60% of the quoted amount OR Against item no. 3.1 of Form 3 from Financial Proposal for such consumer for which it has completed meter reading, billing generation and bill serving to consumer and consumer has paid 100% payment against the bill not through Meter Readers but through any other payment channelAMI-IA shall be paid 75% of the quoted amount. OR Amount Against item no. 3.1 of Form 3 if agency complete the meter reading, billing generation and bill serving to consumer and collection of 100% payment against the bill through its Meter Readers. AMI-IA shall be paid 100% of the quoted Amount	Kindly clarify the meaning of "the consumer has paid 100% payment against the bill not through Meter Readers but through any other payment channel". Kindly remove this clause as the dispute on consumer end for non-payment should be in Utility /RECPDCL scope.	Tender condition shall prevail.
134	T-1 : Technical requirement (For Bidder)		P-17	Sole/ Lead Bidder must have either: (a) paid for, or received payments for, construction of Eligible Project(s). Or (b) paid for development of Eligible Project(s)in the power/ water/ natural gas/ telecom sector in the last 5 (five) Financial Years with aggregate project value of not less than INR 28.4 Cr. However, the project cost of each Eligible Project shall not be less than INR 7.1 C	We assume that in case of JV /CONSORTIUM the technical capacity shall be considered cumulatively or with any member of the consortium	Tender condition shall prevail.

135	Meter Manufacturer: T-1		P-20	Meter manufacturer must have Manufactured and supplied Minimum 10,000 nos. of Smart Meters on proposed communication technology in an Indian/Global Power Distribution Utility in the last 7 years.	We request you to allow Meter manufacturer with BIS -16444, supplied minimum 10,000 no's of smart meters on RF/CELLULAR/PLC communication technology in an INDIAN/GLOBAL power Distribution Utility in the last 7 year	Tender Condition shall prevail.
136	Solution Provider: T-7		P-21	Interoperability/ Ease of integration : The solution must have been successfully integrated HES with 2 Nos. Indian Smart Meter Manufacturers and seamless integration with all meeting the above mentioned QR and 2 Nos. of MDMS provider	The solution must have been successfully integrated HES with 2 Nos. Smart Meter Manufacturers in India/Globally and seamless integration with all meeting the above mentioned QR and 2 Nos. of MDMS provider	Please refer to the Amendment 1.
137	Methodology of Proof of Concept : ANN-X-1		P-24	The proof of concept shall be towards Clause 8.1.1 sub-clause T7 and shall be carried out with an objective to assess the interoperability of the cellular solution and pre integration of offered solution till HES	We suggest that only meters to be tested for communication (HES integration services to be implemented concurrently to the MDMS, which is being procured through separate contract & MDM partners are not known) shall be in the scope of the MDM provider & accordingly AMISP should act.	Tender condition shall prevail.
138	Head End System		P- 153	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	We understand from the RFP document that communication technology will be 100% cellular so, in this technology, next hope information is not possible so request you please remove next hope information from the point.	Please refer to the Amendment 1.
139	Head End System		P- 114- 118	e) If GIS is enabled, then topology, location (lat/long), and status of all network nodes shall be visible on a GIS map Data Requirement Sheet: Single phase/Three Phase Whole Current Smart Meter with Pre-paid and Post-paid functionality. Plug-in Communication Module The Smart Meters shall have a dedicated sealable slot for accommodating plug-in type bi-directional communication modules which shall integrate the respective communication technology (RF/Cellular) with the Smart Meters, leading to easy adaptability for network interfaces (WAN/NAN). The Plug-in module shall be field swappable/ replaceable.	We understand from the RFP document that communication technology will be 100% cellular so, in this technology, next hope information is not possible so request you please remove next hope information from the point. NAN term is used in RF/PLCC technology so need to remove the NAN point in the entire RFP sheet where it is mentione	Yes. NAN deleted wherever mentioned
141	7.7 Service Level Agreement (SLA)		Page No 189	Service Level Agreement (SLA) shall be monitored as mentioned in the following table. It is expected that the AMI system shall meet the minimum threshold of service defined against each level. Any degradation below this minimum threshold will attract penalties as per bands of service level met. The idea is that it triggers a proper review of any defect / failure / performance that had been agreed upon for the project, and to find resolutions in keeping with the highest standards of service excellence. The total penalties under SLA categories are capped at 20% of AMI-IA Service Charge during O&M Period. AMI-IA shall ensure that the data collection and computation for the purpose of SLA penalties (as mentioned in the following table) should be automated and visualized in RECPDCL/LPDD Interface as per Clause 2.5 of this section.	As we understand that SLA will be calculated on the basis of service charge . Kindly provide the calculation for calculating the service charge as no details is available.	AMI-SP service charge is as detailed in the RFP considering the Corrigendum 1 issued regarding non-applicability of document uploaded against "Specifications" in GeM Portal.
142	Clause no. 8.1.1 Meter Manufacturer (Sr. no. T1)	Technical Experience		Meter manufacturer must have Manufactured and supplied Minimum 10,000 nos. of Smart Meters on proposed communication technology in an Indian/Global Power Distribution Utility in the last 7 years.	We request you to kindly amend the clause as follow Meter manufacturer must have Manufactured and supplied Minimum 10,000 nos. of Smart Meters on proposed communication technology in an Indian/Global Power Distribution Utility in the last 7 years. OR Meter Manufacture Should have manufactured and supplied minimum [10,00,000] nos. of static electricity meters (cumulative) in Indian/Global Power Distribution Utility in the last 7 (seven) years Sir, As you are aware Smart metering is an upcoming technology and very few manufactures had experience of supplying Smart meters in India. Hence to keep the compition spirit alive we request you to kindly accept the experience of static meters for qualifications. The above quaification is also accepted by major ongoing tenders.	Tender conditon shall prevail.
143	Clause no. 8.1.1 Qualifying Requirements for Spot Reading, Billing & Collection (Sr. no. 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)	we request you to kindly amend the clause as follow The Bidder or subcontractor or consortium partner 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	Please refer to Amendment 1.
144	Clause no. 8.1.1 Qualifying Requirements for Spot Reading, Billing & Collection (Sr. no. 2)	Manpower Deployment		The bidder should have minimum 100 working persons enrolled under EPF act as on the last date of submission of bid.	The bidder should have minimum 50 working persons enrolled under EPF act as on the last date of submission of bid.	Please refer to Amendment 1.

149	8.1.1 of Section 2. Eligibility & Qualification Requirement (Qualification Requirements for Spot Reading, Billing & Collection)	Tender Specn. No. RECPDCL/ LPDD/AMI/22-23/	21		<p>It has been mentioned that the Bidder should have carried out the 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.</p> <p>This requirement is for & should be applicable to OEMs/ Service providers whereas "the Bidder" is mentioned over there.</p> <p>Kindly clarify whether lead bidder has to meet or any other consortium member/ subcontractor can fulfil this criteria.</p> <p>If this requirement has to be met by lead bidder, we hereby request you to kindly amend this clause to allow Consortium/ Sole bidder to participate by providing credentials of their subcontractor towards this criteria as generally, it is not in the scope of Smart meter manufacturers.</p>	Please refer to Amendment 1.
150	Annexure X: (Price Variation for Service & DT Cables) of Section 6. Project Requirements		340		<p>It has been mentioned nowhere in the RFP that the prices have to be quoted on Price variation basis except only one place i.e. Annexure X which specifies the price variation formula of Service Cable & DT Cables & is a part of technical specifications provided.</p> <p>Further, it has been mentioned at clause no.16.5 of ITB that Unit prices (as provided in Form 1-Form 5 given in Section 5) quoted by the Bidder shall be firm and final and shall remain constant throughout the Contract Period and shall not be subject to any modifications.</p> <p>Please Clarify</p>	As mentioned in the RFP, Price variation shall be applicable only for DT & Service Cables
151	RFP, Table 7, Page no. 96			Bill of Materials and Services for Consumer Engagement Activities [Indicative Only. To be defined by AMI-IA]	Please clarify who will bear the cost for media campaign to raise awareness and counter myths around smart metering, please elaborate the scope of the work.	It has to be borne by the AMISP
152	RFP, Scope of work, Other details (c), Page no. 142	Page 142		The infrastructure for recharge through feature phones/ offline channels may be adopted based on one kiosk per billing centre of LPDD for the entire period of project.	Please inform nos of Billing center of LPDD to plan the kiosk establishment. Necessary setting up the kiosk and space including the electricity will be arranged by LPDD, please confirm. Alternate solution like Mobile App should be acceptable.	No. of Kiosks shall be as per site requirement. Necessary space and electricity shall be provided by LPDD. Mobile App with necessary hardware may also be proposed by the AMISP to the acceptance of utility/RECPDCL
153	RFP, Scope of work, Other details (c), Page no. 142	Page 142		Infrastructure for recharge	Please confirm Who will provide manpower to be provided at Recharge centers.whether AMISP has to engage manpower at Retail Distribution and Workstation centers	Manpower at such recharge centers shall be provided by the utility.
154		Page 144		In case of failure to download the data through optical cord, the AMI-IA shall do the meter reading through AI-ML based mobile application, detailed in RFP 2.	Please elaborate AI-ML based mobile application. We understand that CMRI /Mob Application is acceptable to meet the requirement. In addition there will not be any deduction in terms of SLA when the network is not available and data is downloaded through manually by CMRI/Mob App.	Meter reading shall be through contactless and without any manual intervention. The necessary software shall be provide through the agency selected through RFP 2.
155	RFP, 1.4 (e) ,Page no. 145	Page 144		Generation of automated energy audit reports (DT level/ Feeder level / Sub-division level/ Division level/ Circle) in contiguous electrical locations and other reports as per Clause 6 of this Section;	Generation of energy audit reports should be part of MDM. HES will provide the meter raw data to MDM. Please accept. We request you to provide present status of the losses AT&D losses , Billing & collection efficiency and present Feeder/DT energy audit report.	Please refer Amendment 1
156	RFP, 2.2.1 General requirement, NMS,		152	A suitable NMS shall be built to monitor the performance of the communication network round the clock. The NMS shall provide viewing of all the networking elements deployed at site and enable configuration & parameterization of the networking devices and the nodes	Request to remove the requirement in case of cellular technology.	Please refer Amendment 1
157	RFP, HES, Page no. 158		158	HES shall have feature to send email/SMS notification of configured alarms & events to its users.	We understand that HES need to be integrated with MDM. Further MDM will be integrated with existing utility SMS/Email gateways and other legacy system. Please confirm.	Tender condition shall prevail.
158	RFP, 2.7.1.2 , Page no. 160		160	Portability & Interoperability: The system shall be designed for hardware independence and operation in a network environment that facilitates interoperability and integration of third-party applications. AMI applications should support multiple Relational Database Management Systems (RDBMS) including Oracle, Microsoft SQL Server and MySQL	We would like to state AMISP offered solution should robust and to meet the necessary changes in the system requirement. hence there is no advantage of clause mentioned as, "AMI applications should support multiple Relational Database Management Systems (RDBMS) including Oracle, Microsoft SQL Server and MySQL" It shall be removed.	Tender condition shall prevail.

159	RFP, 2.6.2 , MINIMUM TECHNICAL REQUIREMENTS FOR NOMC HARDWARE, Page no. 167	167		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	It should be as per system requirement hence request you to amend the clause as " Internet router with required no's with 1 Gbps LAN ports and redundant at least 2 Gbps internet ports supporting IPsec, and SSLVPN capability"	Please refer Amendment 1
160	RFP, 2.6.2 , MINIMUM TECHNICAL REQUIREMENTS FOR NOMC HARDWARE, Page no. 167	167		2 Gbps internet connectivity	Kindly amend 2 Gbps to max bandwidth availability at respective NOMC.	Please refer Amendment 1
161	RFP, 2.7.7 Cyber Security, Page no. 177			Application, scanning and hardware scanning tools shall be provided to identify vulnerability & security threats	Request you to amend as "Network & O/S scanning tools shall be provided to identify vulnerability & security threats	Tender condition shall prevail.
162	RFP, SLA, POINT 5,6 Scheduled energy audit and reliability indices report Page 193			Scheduled energy audit and reliability indices report(For Zone A, B & C)	We understand that this should be part of MDM SLA. Please confirm.	SLA of Scheduled Energy Audit Report and Reliability Indices Report shall be the scope of RFP 2, however necessary values shall be provided to the MDM on requisite intervals.
163	PQR			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)	this QR is restricting most of the bidder to participate as AMISP, as limited players are available to meet this QR, hence we would like to request to amend this clause as "The Bidder should have executed AMI order for end to end solution more than 1,00,000 consumers (cumulative) shall be deemed to qualify against this QR. (End to end solution means Supply, installation, commissioning, integration of Smart Meters, HES, MDMS setting up of data centre either on cloud/on premises and integration with utility billing system.), in last 5 financial years. OR "The Bidder should have executed AMR project for end to end solution more than 1,00,000 consumers (cumulative) shall be deemed to qualify against this QR. (End to end solution means Supply, installation, commissioning, integration of AMR based Meters HES, setting up data centre hardware and integration with utility existing MDAS/HES system.), in last 5 financial years. OR 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)	Please refer Amendment 1
164				T5. Technical Experience a) Successful Operations of proposed Head End System with installation base of 10,000 metering points in maximum of 2 projects Indian/Global power distribution utility within 7 years as on date of bid submission.	We would like to highlight that there is no technical specificity in HES for cellular and RF solution so bidder is having experience of "Successful Operations of Head End System (RF/Cellular) with installation base of cumulative 10,000 metering points in maximum of 2 projects Indian power distribution utility within 7 years as on date of bid submission. should be acceptable.	Tender condition shall prevail.
165	2. Introduction (a) About this Request for Proposal Page 31			RFP2: Major Scope shall include MDMS, RMS Solution and Customer Call Center, SMS Gateway, Mobile application & Customer Web-portal, OMS, Spot Reading, Billing & Collection application. Bidders selected for implementation of works under RFP1 and RFP2 shall coordinate for ensuring seamless integration and data flow.	We would like to state that major activities under RFP1 will be pending because of the dependency on RFP2, necessary cost implication and time of completion of the activities can not be assessed till the time second RFP not finalized. Necessary facilitation for all the activities proposed in RFP2 and its parts to be integrated by successful bidder shall be provided by LPDD, without any additional cost implication on RFP1 bidder.	Agreed.
166	A) About Project Area: Page 143			The availability of network in the project area may be categorized into following: Zone A: Area with continuous Cellular Network availability Zone B: Area with intermittent network connectivity i.e. Cellular connectivity is made available intermittently for 3-4 hours by powering BTS Towers through DG Sets or availability of 2G/3G network only.	Kindly provide the process how the SLA will be calculated when power is available only for 3-4 hours hours by powering the BTS.	The SLA has been defined differently for Zone B, wherever applicable.
167				Zone C: Area with presently no connectivity and is planned to have the same after 3-4 years.	what will be the scope of AMISP in present RFP against the zone C.	Broadly scope shall cover Spot Reading, Billing and collection. Please refer RFP for the scope of work of Zone C.
168	Payment terms Cl 5.2.3 Page no 395			Second installment of Rs.3Cr shall be released on presentation of contractor's invoice and satisfactory utilization certificate supported with documentary evidences of first advance installment.	please provide the milestone to be achieved /releasing event for releasing the second installment and also provide the procedure for utilization certificate supported with documentary evidences of first advance installment.	Please refer RFP for more detail.

169	Payment terms Page no 402			Against item no. 3.1 of Form 3 on meter reading, bill generation and bill serving to consumer or AMI-IA shall be paid 60% of the quoted amount Against item no. 3.1 of Form 3 from Financial Proposal for such consumer for which it has completed meter reading, billing generation and bill Serving to consumer and consumer has paid 100% payment against the bill not through Meter Readers but through any other payment channel or AMI-IA shall be paid 75% of the quoted amount	Kindly clarify that when 40% and 25% payment will be release.	% amount(i.e. either 60%/75%/100% as mentioned shall be paid based on the activity carried out as mentioned in Payment schedule
170				3. Against item no. 3.3 of Form 3 on pro-rata basis based on collection through its Meter readers. AMI-IA shall be paid 100% of the quoted amount	kindly clarify if the payment is not through Meter Readers but through any other payment channel	The payment shall be made only for collection through meter readers
171	Page no 403			6.2 3% of the Contract Price	we request to reduce the 3 to 1.5% of the contract price	Tender condition shall prevail.
172	Single Phase Whole Current Smart Meter Category-- page No 113 Connect/Disconnect switch- page No 114 , 248 & 249			UC1	UC1 or better UC2	Tender condition shall prevail.
173	Clause no 38 - Plug-in Communication Module , Page no 249			RF/Cellular) with the Smart Meters, leading to easy adaptability for network interfaces (WAN/NAN)	RF / Cellular 4G fall back 2G	Communication technology to be considered as Cellular wherever mentioned.
174	Clause no 40 -Data Display Facility, page no 115 & 250			Last Recharge Amount • Last Recharge Time • Current Balance Amount • Current Balance Time	Defined paramters will be available when meter will be configuration in PPM mode	Tender condition shall prevail.
175	Three Phase Whole Current Smart Meter- 4 Category , page No 117 Clause no 28 -Connect/Disconnect switch , page no 118 & 256			UC1	UC1 or better UC2	Tender condition shall prevail.
176	Current Rating, Pag eNo 256			10-60 A 20-100 A	Need to clarfiy meter rating 10-60A or 20-100A	please refere RFP
177	Clause no 38 - Plug-in Communication Module, page No 118 & 257			RF/Cellular) with the Smart Meters, leading to easy adaptability for network interfaces (WAN/NAN)	RF / Cellular 4G fall back 2G	Communication technology to be considered as Cellular wherever mentioned.
178	Clause no 39-Data Display Facility, page no 119 &257			Last Recharge Amount • Last Recharge Time • Current Balance Amount • Current Balance Time	Defined paramters will be available when meter will be configuration in PPM mode	Tender condition shall prevail.
179	Three Phase CT/PT Operated Smart Meter Current Rating lb , Page No 124 & 266			5A/ 1A,	5A , Kindly accept the same	Tender condition shall prevail.
180	2.3.3.1 Critical Reporting , page No 159			HES shall have alarms and keep record of following events: a) Event log for node's (meter) events such as tamper/power failures etc. b) Data not received from nodes/end points c) Relay does not operate for connect / disconnect d) Communication link failure with nodes/end points e) Network Failure f) Power Failure	Point no b ,d & e --- we understand meters are non communication . Please confirm Point c -- Relay does Not operate for connect / disconnect -- It menans relay in the malfunction stage .	Reasons may be ascertained during site conditions and hence events shall be as mentioned in the RFP.
181	2.3.3.2 Non-Critical Reporting, Pag eNo 159			HES shall report and keep record of following communication failure events: a) Retry attempts b) Missed periodic reading c) Failure to connect	Point b & C are common points in this case we understand meters are non communications	Reasons may be ascertained during site conditions and hence events shall be as mentioned in the RFP.
182	Annexure F General requirement for common pluggable communication module for Smart Meters (Recommended) page No 270			Communication interface: Front View: Side View: ,PIN Outs & size	Module -- size & pins configurations as per manufacture , Modul will same size for alltypes of meters (1Ph ,3ph WC , LTVT & HTCT) kindly accept the same .	Agreed
183	Reference Drawings/(Tentative): Page no 374			Drawings of -terminal block - top , botton & front view	Terminal block drawings as standard as manufacture .	Agreed
184	Whole current 1P & 3P Meter Box			The box cover shall be fixed to the base through two number hinges (approx. length 30 - 60 mm).	Meter box Hinge Length -- upper hinge approx 24mm & lower Hinge approx 30mm	Specifications mentioned in the RFP or
185				Suitable overlapping (approx. 10 mm) shall be provided between base and cover to avoid access to the meter or its accessories inside the meter box by any means after sealing the box	Overlapping (approx. 8 mm) will be provided between base and cover to avoid access to the meter	
186						

187	LT CT			The secondary leads shall be terminated with Tinned Cooper rose contact terminals with arrangements for sealing purposes	Secondary terminals of the CT will be Brass Material	better, as per detailed engineering stage to the satisfaction of RECPDCL can be accepted.
188	LT CT meter with external CT ratio			As per specs Resin CT ratio mentioned up to 1000/5A	SMC box suitable for up to 500A CT so pls confirm actual indoor CT requirement with Ratio	
189	LTCT SMC Meter Box			Box and CT chamber with SMC lid/shed fitted with the base by two nos. concealed brass hinges.	SS hinges will be provided which is better then brass	