

### Corrigendum No. – 1

**Tender Enquiry No-** TPSODL/OT/2021-22/002

**Work Description** – Smart Meter Project at TPSODL.

**Revised Pre- qualification requirement: -**

<b>Package Description: Supply Installation, Testing, Commissioning , Integration and Operation &amp; Maintenance (FMS) of Smart Meter Solution</b>			
<b>Details:</b>			
<b>Pre-Qualification Requirement (PQR) - Please note that the PQR is for information only and the documentary evidence to ascertain meeting of the requirement has to be submitted along with the bid and not along with the tender fee.</b>			
<b>Sr No</b>	<b>Parameter</b>	<b>TPSODL Requirement</b>	<b>Documents to be submitted by Bidder</b>
A	Options for Bid submission		
		<p>Bidder may be either Original Meter Manufacturer (OEM) OR System Integrator (SI) OR Authorized dealer of Original Equipment Manufacturer ( OEM) OR Consortium of Meter Manufacturer &amp; System Integrator. Joint Venture Companies can also participate. Bidder should meet qualifying requirements stipulated in any one of the qualifying options i.e.</p> <p>1. Option 1 - Meter Manufacturer and System integrator through Consortium. Here, the Meter Manufacturer shall meet all the criteria for Meter Manufacturer and the System Integrator shall meet the criteria for System Integrator. Either the Meter Manufacturer or the System Integrator can be Lead Bidder. The overall liability of execution of the contract shall lie with Lead Bidder. In addition to above, the criteria mentioned in General Pre-Qualification requirements shall also met.</p> <p>2 Option 2- Authorized dealer of Meter Manufacturer (OEM) and System Integrator through consortium, Here, the Meter manufacturer shall meet all the criteria for Meter Manufacturer and the System Integrator shall meet the criteria for System Integrator. Either the Authorized dealer of the Meter Manufacturer or the System Integrator can be Lead Bidder The overall liability of execution of the contract shall lie with Lead Bidder. In addition to above, the criteria mentioned in General Pre-Qualification requirements shall also met.</p> <p>3. Option 3 - Meter Manufacturer on Stand -Alone basis, wherein the meter manufacturer meets the Pre-qualification requirement for Meter Manufacturer and System Integrator, both. In addition to above , the criteria mentioned in General Pre-Qualification requirements shall also met OR System Integrator on Stand -Alone basis , wherein the system integration meets the Pre-qualification requirement for Meter Manufacturer and System Integrator, both In addition to above , the criteria mentioned in General Pre-Qualification requirements shall also met</p>	<p>Bidder to submit the Consortium Agreement. Authorized dealer to submit Letter of Authorization.</p>
B	General Pre-Qualification Requirements (applicable to Meter Manufacturer and System Integrator)		
1		Criteria for Authorized dealer of Meter Manufacturer - Bidder should be an authorized dealer/ implementation partner of Meter Manufacturer (OEM) .	Certificate of authorization.

2		The Bidder/ Lead Bidder (in case of consortium) must be a single entity having at least one permanent establishment of its own office, India; registered in India under companies Act 1956 or Companies Act 2013, or firm registered with Registrar of firms and societies in India who fulfills the eligibility criteria.	Certificate of Incorporation and Registration certificate along with Memorandum & Articles of Association.
3		The Bidder/members of consortium should not have been blacklisted by any electricity distribution utility and still in force.	Undertaking to be provided
4		Minimum Average annual turnover Rs. 300 Crores for each of the last three financial years ending 31 <sup>st</sup> March 2020.	Profit and Loss Statements, Balance Sheet, Cash Flow Statements for the Three (3) preceding financial years duly audited and approved by Authorized Audit Firm / CA
		[In case of consortium, the average annual turnover of Lead bidder and Consortium partner shall be considered jointly to meet the above requirement]	
		Net Worth for last three Financial Years (FY 2017-18, 2018-19, 2019-20) should be positive. Net worth means the sum total of the paid up capital and free reserves (excluding reserves created out of revaluation) reduced by aggregate value of accumulated loses (including debit balance in profit and loss account for current year) and intangible assets.	
		[In case of consortium, both the partners are bound to satisfy the above clause individually]	
C	Pre-Qualification Requirements for Meter Manufacturer (OEM)		
1	Technical Experience - Meter Manufacturer	Bidder(s) should be in the business of manufacturing Static Energy Meters and should have state of the art facility in India. Should be in this Business for at least 10 years in India as on date of Bid Submission.	Factory License Certificate/ MoA mentioning nature of Business.
		Bidder should have implemented project(s) which include the Supply, Installation, Commissioning of Meters with inbuilt / Modular / external communication module, and associated DCU / Gateway/ Router/GPRS (As applicable) and MDAS / HES application for 1 Lakh Meters - in last 7 years.	Individual Client's PO/ WO/ LOI/ LOA/ Contract/ Certification on client letterhead. Performance certificate and contact details of client's needs to be submitted.
2	BIS Certification.	Smart Meters offered shall have Certification as per IS:16444 with latest amendment.	Bidders who do not have BI certification of Smart Meters shall have to provide an undertaking that they shall ensure BI certification of Smart Meters before delivery of first lot of Smart Meters Along with undertaking they need to submit documentary evidence proving they have applied for BI certification of Smart Meters
3	In-house Testing Facility	The bidder should have in-house Testing Facility for last 3 years.	A valid registration certificate mentioning issue / renewal / expiry date
4	Capacity	Bidder(s) should have experience of manufacturing and supply of static electricity meters/smart electricity Meters.	Proof of Work order & performance certificate/ work order completion certificate to be submitted.
		• Minimum of 5 Lac of Single phase meters or 1 Lac Single Phase Smart Meters per annum.	
		• Minimum 1 Lac Three phase Whole Current Meters or 20,000 Three Phase Smart Meter per annum.	
		• Minimum 10,000 LTCT TVM or 2,000 LTCT Smart Meter per annum.	
5	Quality	The vendor should have valid ISO9001 & 14001 for the manufacturing facility.	ISO Certificate.
D	Pre-Qualification Requirements for System Integrator (SI)		

1	Technical Experience - System Integrator (SI)	System Integrator must have successfully executed AMI/AMR projects (Consists of Smart Meters, DCU/Gateway/Router/ GPRS Access Point and HES) with cumulative installation base of Minimum 1 Lac end points in the last 5 years till the date of publication of this tender.	Client's PO/ WO/ LOI / LOA/ Contract/ Certification on client Letterhead / Performance certificate and contact details of clients.
2	Technical Experience - Communication Service Provider.	To showcase interoperability & integration with Multiple Meter Manufactures, the communication service provider must have successfully integrated with meters of at least 2 manufacturers in India till HES and/or MDMS	Client's PO/ WO/ LOI / LOA/ Contract/ Certification on client Letterhead / Performance certificate and contact details of clients.
		The undertaking should be given that they have capability of integrating with various manufacturers as the case may be.	MOU / Certificate from Meter Manufacturers and Certificate from Power Distribution Utility mentioning use of three different make of Meters on single RF Mesh Network/GPRS/PLC etc.
3	Technical Experience - HES	The HES provider must have following deployment capabilities in National/International Utilities:-	Purchase order/Completion/ Go-live certification from client. Client certificate (with contact details) for supply and successful operation of the Head End System. TPSODL reserves right to contact/visit such client during evaluation of this tender response.
		Successfully Commissioned cumulative 5 Lakh or more end points in AMI/AMR projects, with Minimum 50 thousand end Point under AMI.	
		Single Large AMI/AMR deployment experience of at least 1 Lac meters, with RF or GPRS.	
		At least 3 different meter brands integrated to Head End System on 4G/3G/2G/NBIOT.	
		Successful integration of HES with MDM system.	
4	Technical Experience - MDM	The AMI project should be successfully operating for last one year.	Purchase order/Completion/ Go-live certification from client. Client certificate (with contact details) for supply and successful operation of the MDM system. TPSODL reserves right to contact/visit such client during evaluation of this tender response.
		MDM Should be COTS (Commercially off the shelf) Product having successful operations of proposed MDM in 2 National/International Utilities. The MDM should have successfully integrated (thorough out of box product approach) cumulatively for at least 10 Lac end points.	
		The proposed MDM should have been integrated with at least 3 different HES system.	
		The proposed MDM should have been integrated with any billing system and preferably with at least 2 OT systems.	

**Interested bidders to submit Tender Participation Fee and Authorization Letter through email before 21<sup>st</sup> May 2021, 1500 Hrs.**

Further in case of other queries, you may please contact to [vaishali.kachare@tatapower.com](mailto:vaishali.kachare@tatapower.com) & [sumitkumar@tpsouthernodisha.com](mailto:sumitkumar@tpsouthernodisha.com) with copy to [mrpatel@tatapower.com](mailto:mrpatel@tatapower.com) & [subrata.dey@tpsouthernodisha.com](mailto:subrata.dey@tpsouthernodisha.com).

Except above all other terms & conditions of the original tender document shall remain same.