



TP NORTHERN ODISHA DISTRIBUTION LIMITED  
(A Tata Power & Odisha Govt. joint venture)  
Januganj, Balasore, Odisha-756019, India  
NIT No.: TPNODL/ OT/2021-22/ 11

**Procedure for Participating in Tender**

<b>Tender Enquiry No</b>	<b>Work Description</b>	<b>EMD (Rs. Lakh)</b>	<b>Tender Participation Fee (Rs)</b>	<b>Last date and time for Payment of Tender Participation Fee</b>
TPNODL/OT/2021-22/11	Smart Meter Project at TPNODL	15	5900/-	25.06.2021 15:00 hrs

Following steps to be done before “Last date and time for Payment of Tender Participation Fee” as mentioned above.

1. Eligible and Interested Bidders to submit duly signed and stamped letter on Bidder's letterhead indicating.
  - A. Tender Enquiry number
  - B. Name of authorized person
  - C. Contact number.
  - D. e-mail id
  - E. Details of submission of Tender Participation Fee
  - F. GST Number
2. Non-Refundable Tender Participation Fee, as indicated in table above, to be submitted in the form of direct deposit in the following bank account and submit the receipt along with a covering letter clearly indicating the Tender Reference no:

Beneficiary Name – TP Northern Odisha Distribution Limited  
Bank Name – Union Bank of India  
Branch Name – Balasore Branch  
Account No – 500601010280332  
IFSC Code – UBIN0550060

E-mail with necessary attachment of 1 and 2 above to be send to & [vaishali.kachare@tatapower.com](mailto:vaishali.kachare@tatapower.com) & [vipin.chauhan@tpnodl.com](mailto:vipin.chauhan@tpnodl.com) with copy to [mrpatel@tatapower.com](mailto:mrpatel@tatapower.com) & [sunil.bhattar@tpnodl.com](mailto:sunil.bhattar@tpnodl.com) before “Last date and time for Payment of Tender Participation Fee”.

Interested bidders to submit Tender Participation Fee and Authorization Letter before Last date and time as indicated above after which link from Tata Power E-Tender system (Ariba) will be shared for further communication and bid submission. Please note that link will be shared not later than 25<sup>th</sup> June 2021 15:00 hrs.

Please note all future correspondence regarding the tender, bid submission, bid submission date extension, Pre-bid query etc will happen only through Tata Power E-Tender system (Ariba).

No e-mail or verbal correspondence will be responded. All communication will be done strictly with the bidder who have done the above steps (Payment of tender fee and submission of letter with requisite details) to participate in the Tender.

Also it may be strictly noted that once date of “Last date and time for Payment of Tender Participation Fee” is lapsed no Bidder will be sent link from Tata Power E-Tender System (Ariba). Without this link vendor will not be able to participate in the tender. Any last moment request to participate in tender will not be entertained.

Any payment of Tender Participation Fee / EMD by Bidder who have not done the pre-requisite within stipulated timeline will not be refunded

**3. Additional technical details:** (Please refer the following pages for details)

This tender is to offer End to End Smart Metering Solution comprising of Design, Engineer, Supply, Installation, Integration, Commissioning and Facility Management Services (FMS) (for a period of 1 years from the date of last meter getting commissioned, subject to minimum success rate of 90%, of total installed meters, in preceding month) of ~ 60,000 to 85,000 (Exact quantity may vary) Smart Meters of different types. The detail scope covers setting up the Communication System, Head-End System and integration of HES with TPNODL MDMS.

Bidder shall implement the TPNODL Smart Meter Project, and there after operate and maintain the system for 1 year (2 Years Implementation period + 1 Year FMS

<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>Owner Requirement</b>	<b>Documents to be submitted by Bidder</b>
A	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.	Valid BIS certificate is required for all types of smart meters as per tender. In case bidder does not have the valid BIS certificate for HT meters, then bidder should submit undertaking that they will apply for BIS and get the same before delivery of first lot of HT 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	<p>Bidder(s) should have experience of manufacturing and supply of static electricity meters/smart electricity Meters.</p> <ul style="list-style-type: none"> <li>• Minimum of 5 Lac of Single-phase meters or 1 Lac Single Phase Smart Meters per annum.</li> <li>• Minimum 1 Lac Three phase Whole Current Meters or 20,000 Three Phase Smart Meter per annum.</li> <li>• Minimum 10,000 LTCT TVM or 2,000 LTCT Smart Meter per annum.</li> </ul>	Proof of Work order & performance certificate/ work order completion certificate to be submitted.
5	Quality	The vendor should have valid ISO9001 & 14001 for the manufacturing facility.	ISO Certificate.
B	General Pre-Qualification Requirements		
1	Performance Record	The Bidder should not have been blacklisted by any electricity distribution utility and still in force.	Undertaking to be provided

2	Commercial Capability	Minimum Average annual turnover <b>Rs. 300 Crores</b> 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
C	Pre-Qualification Requirements for Communication Service Provider and HES offered by OEM		
1	Technical Experience - Communication Service Provider.	<p>The Communication Service Provider offered by Meter OEM must have following deployment capabilities</p> <p>To showcase interoperability &amp; 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.</p>	Documentary evidence/ Reference to prove the same.
2	Technical Experience - HES	<p>The HES offered by Meter OEM must have following deployment capabilities in National/International Utilities: -</p> <p>Successfully Commissioned cumulative 1 Lakh or more end points in AMI/AMR projects, with Minimum 50 thousand end Point under AMI.</p> <p>Single Large AMI/AMR deployment experience of at least 1 Lac meters, with GPRS or RF</p> <p>At least 3 different meter brands integrated to Head End System on 4G/3G/2G/NBIOT.</p> <p>Successful integration of HES with MDM system.</p> <p>The AMI project should be successfully operating for last one year.</p>	<p>Purchase order/Completion/ Go-live certification from client. Client certificate (with contact details) for supply and successful operation of the Head End System.</p> <p>Owner reserves right to contact/visit such client during evaluation of this tender response.</p>