



TATA POWER-DDL

TATA POWER DELHI DISTRIBUTION LIMITED

(A Tata Power and Delhi Government Joint Venture)

Website: www.tatapower-ddl.com

INVITATION FOR EXPRESSIONS OF INTEREST (EOI)

CORPORATE PROFILE

Tata Power Delhi Distribution Limited [Tata Power-DDL] is a joint venture between Tata Power and the Government of NCT of Delhi, India with the majority stake being held by Tata Power Company (51%). Tata Power-DDL was formed on 1st July 2002, as an outcome of the Electricity Reforms Process in Delhi. It distributes electricity in North & North West parts of Delhi, India and serves a populace of 7 million. With a registered consumer base of 1.6 million and a peak load of around 1764 MW, the company's operations span across an area of 510 sq kms. TATA Power-DDL has reduced Aggregate Technical and Commercial Loss from 53.1% in July 2002 to 8.88% as on March 2016 and has successfully transformed an ailing utility into a consumer centric organization through its various initiatives. The brochure of Tata Power-DDL is attached herewith for reference.

EXPRESSION OF INTEREST FOR

Supply of 1-phase and 3-phase whole current smart meters

BRIEF DESCRIPTION OF ASSIGNMENT

Tata Power-DDL is planning to procure 1-phase and 3-phase smart meters. The immediate requirement would be **500,000 nos. 1-phase and 50,000 nos. 3-phase smart meters**. The total TPDDL requirement of 1-phase smart meters over the next 5 years would be approx. 2.5 million nos. The current consumer base of TPDDL is around 1.6 million nos. which is growing at the rate of approx. 100,000 nos. per year. Apart from own licensed area in Delhi, TPDDL is providing management consultancy in various states in India (more than 15 states and more than 30 Discoms). TPDDL is further increasing its footprint in various other cities in India through different power distribution models. Moreover, TPDDL is actively involved with RECPDCL (Rural Electricity Corporation Power Distribution Company Limited) for various new projects including smart metering. Hence, the quantum of smart meters to be procured across India is expected to increase significantly as indicated above.

TPDDL has awarded the contract for the deployment of the RF Communication Network on M/s Landys + Gyr in Jan'2017. The ceiling price of L+G make NIC (Network Integration Card) module has been fixed and meter manufacturer will be allowed to further negotiate



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with NIC module supplier to derive final cost of NIC module. The meter manufacturer needs to integrate the smart meter with L+G make NIC module. Technical details of NIC module are given in the technical specifications of smart meters (attached herewith).

TECHNICAL SPECIFICATIONS

Technical specifications for 1-phase and 3-phase smart meters are attached herewith as Doc no. ENG-LV-94-03 and ENG-LV-95-03.

QUALIFICATION REQUIREMENTS

1. The bidder should have supplied a minimum of 500,000 Nos. 1-phase/3-phase static energy meters in last 5 years (cumulatively) OR 100,000 Nos. 1-phase / 3-phase smart meters in last 3 years (cumulatively).
2. The bidder should have own manufacturing facility for manufacturing of smart meters and in-house testing facilities for acceptance tests as per applicable IS/IEC of smart meter. (Details of manufacturing and testing equipment's with make required).
3. The bidder should have support cum office establishment in India for providing after sales services.

EXPERIENCE, RESOURCES DELIVERY CAPACITY REQUIRED

The interested bidder needs to provide the following details:

1. Name, address, fax, email, and telephone number of the nodal person for required correspondence against this EOI.
2. Ownership and organization structure of the Firm.
3. Details of consortium (if any) with any partner in India.
4. Short company profile in area relevant to assignment, briefly indicating the experiences of similar assignment, and list of major assignment undertaken with details of supplied 1-phase and 3-phase static energy meters and smart meters during the last 5 years.
5. Average annual turnover in the last three financial years.
6. Details of own manufacturing and testing facility for smart meters.



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7. For technical evaluation we shall accept type test reports as per IS 13779/ IS 16444/ IEC 62052-11/IEC 62053-21/ IEC 62058-31 from CPRI/ERDA/UL/KEMA/equivalent international laboratory. The successful bidder has to supply meter after necessary BIS certification and type testing as per BIS16444.
8. Commercial terms and conditions including the details on applicable taxes, duties, logistics etc.
9. Details of integration experience with any RF network service provider.
10. Roadmap with respect to service support/ warranty management post supplies in India.
11. Post submission of EOI, the applicant shall be required to make a detailed presentation to TPDDL covering various aspects related to successful delivery and post-sales support for smart meters in India. The presentation shall also include the roadmap planned by the applicant with respect to increasing the presence in India/Asia.
12. The selected applicants may be required to submit a sample smart meter as per TPDDL requirement.

MODE OF EOI SUBMISSION

The Expression of Interest (EOI) shall be submitted through hard copy in a sealed envelope or through e-mail (signed and stamped scanned copy) on or before the specified date and time to e-mail ID gaurav.bhardwaj@tatapower-ddl.com with a copy to e-mail ID ajay.agarwal@tatapower-ddl.com.

EOI CLOSING DATE, TIME AND PLACE

Date: 15.05.2017

Time: 16:00 Hours IST

Place: NDPL House, Tata Power Delhi Distribution Limited, Hudson Lines, Kingsway Camp, Delhi – 110009, INDIA

CONTACT DETAILS

Interested applicants may obtain further information at the address below:

Head of Department-Procurement and Contracts



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NDPL House, Corporate Office, Substation Building, Hudson Lines,
Kingsway Camp, Delhi-110009, INDIA

E-mail ID: gaurav.bhardwaj@tatapower-ddl.com / ajay.agarwal@tatapower-ddl.com

Contact no:

Mr. Gaurav Bhardwaj, M: +91 9971395271, Ph: +91 11 66112232

Mr. Ajay Agarwal, M: +91 9971395270, Ph: +91 11 66112374

Tata Power-DDL reserves the right reject one or more EOIs at the sole discretion of TPDDL without assigning any reason thereof.

Encl:

1. Tata Power-DDL Brochure
2. Technical specifications for 1-ph smart meter, Doc no. ENG-LV-94-03
3. Technical specifications for 3-ph smart meter, Doc no. ENG-LV-95-03