

BID NOTICE



Maharashtra State Electricity Distribution Company Limited
Tender No: MSEDCL/IT/RF-DCU/18-19/04
Version : 1.0
Dated : 18/07/2018

General Manager (IT), on behalf of Maharashtra State Electricity Distribution Company Limited (the Employer), hereby invites sealed bids from eligible bidders for 'IMPLEMENTATION OF RF DCU FOR RF METER READING IN MSEDCL'. Entire bidding document is available on MSEDCL e-Tendering Website <http://works.mahadiscom.in/eTender/etender> as per date indicated below. Any changes in the Bid Schedule, corrigendum etc. shall also be notified via MSEDCL's website. Prospective bidders are therefore requested to regularly check the website for any updates.

Tender Fee: Rs. 29,500/-

The bidder should submit non-refundable Bid Fee of Rs. 29,500/- in the form of online payment on e-Tendering Website.

Bid Security: The bid must be accompanied with Bid Security for an amount equal to Indian Rs. 14,23,000 (Fourteen Lakh Twenty Three Thousand Only) if the bidder bids for all nine circles.

If the bidder, bids for less than nine circles, circle wise bid security should be submitted as given below.

| Circle | Bid Security in Rs. |
|-------------|---------------------|
| Thane (U) | 3,58,500 |
| Washi | 2,44,000 |
| Kalyan-I | 1,80,000 |
| Kalyan-II | 33,000 |
| Vasai | 47,000 |
| Pen | 19,500 |
| Nashik (U) | 25,500 |
| Ganeshkhind | 2,64,000 |
| Rastapeth | 2,53,000 |

(e.g. If the bidder has quoted for Thane (U) and Washi circle out of 9 circles, then bidder has to submit the bid security of Rs. 6,02,500 (Rs. 3,58,500+ Rs. 2,44,000).

The bid security shall be denominated in Indian Rupees only. The bid security shall be paid on-line or submitted in the form of Demand Draft from any Nationalized/ Scheduled Bank in favour of the Maharashtra State Electricity Distribution Co. Ltd., payable at Mumbai as mentioned in details in Tender Document (RFP). The Demand Drafts should be submitted to this office on or before submission date and time.

Calendar of Events:

| Event | Date and Time |
|-------------------------------------|-------------------------|
| Begin Sale of RFP Document | 18/07/2018 |
| Date and time of Pre-BID Meeting | 25/07/2018 at 15.00 hrs |
| Date and time of submission of Bids | 03/08/2018 at 16.00 Hrs |
| Date and time of Bid Opening | 03/08/2018 at 17.00 Hrs |

Qualifying Requirements:

- 1) Agency can be an individual organization or consortium of maximum two (2) organizations.
- 2) Following qualifying requirements should be met by the agency individually or in case of consortium, the QR should be met by all the consortium members collectively unless explicitly specified.

| Sr. No. | QR Criteria | Justification |
|---------|---|---|
| 1 | Nature of Firm: 1] A bidder must be a single Company 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. In case of consortium, each member of consortium shall have | Documents to be submitted by single bidder: 1] Certificate of Incorporation or Article of Association. 2] Copy of relevant certificates indicating PAN number, GST registration number |

| | <p>registered office in India.</p> <p>2] The Bidder shall have a valid PAN and GSTIN Number.</p> <p>3] The Bidder/members of consortium should not have been debarred by any Ministry of Gol / GoM / state owned electricity distribution utility</p> <p>4] The Directors, Proprietors, Partners, Employee(s) or owner of the agency have not been either jointly or severally guilty of malpractices in relation to its business dealings with the Government or MSEDCL during the last five years.</p> | <p>(GSTIN).</p> <p>3] Declaration as below.</p> <p>a. The business dealings with the agency have not been debarred by any Ministry of Gol / GoM / state owned electricity distribution utility and still in force.</p> <p>b. The Directors, Proprietors, Partners, Employee(s) or owner of the agency have not been either jointly or severally guilty of malpractices in relation to its business dealings with the Government or MSEDCL during the last five years.</p> <p>Documents to be submitted by both consortium members:</p> <p>1] Certificate of Incorporation or Article of Association</p> <p>2] Consortium Agreement signed by all members of consortium.</p> <p>3] Copy of relevant certificates indicating PAN number, GST registration number (GSTIN) (to be submitted by lead bidder)</p> <p>4] Declaration as below.</p> <p>a. The business dealings with the agency have not been debarred by any Ministry of Gol / GoM / state owned electricity distribution utility and still in force.</p> <p>b. The Directors, Proprietors, Partners, Employee(s) or owner of the agency have not been either jointly or severally guilty of malpractices in relation to its business dealings with the Government or MSEDCL during the last five years.</p> | | | | | | |
|---|---|--|----------------------------------|-----------------------|-----------------------|--------------------------------|--------------------------|---|
| <p>2</p> | <p><u>Financial Strength :</u> Turnover: The bidder should have minimum annual turnover during each of the financial years 2015-16, 2016-17, 2017-18 as below.</p> <table border="1" data-bbox="292 1301 922 1496"> <thead> <tr> <th>Number of RF meters for which the bidder is quoting</th> <th>Minimum annual turnover required</th> </tr> </thead> <tbody> <tr> <td>Upto 1 lakh RF meters</td> <td>At least Rs. 90 lakhs</td> </tr> <tr> <td>Above 1 lakh & upto 4.90 lakhs</td> <td>At least Rs. 4.27 Crores</td> </tr> </tbody> </table> <p>Net Worth: Should be Positive Net worth.</p> | Number of RF meters for which the bidder is quoting | Minimum annual turnover required | Upto 1 lakh RF meters | At least Rs. 90 lakhs | Above 1 lakh & upto 4.90 lakhs | At least Rs. 4.27 Crores | <p>Copy of the audited statement of accounts and PL Account & Balance Sheet duly certified by the Chartered Accountant.</p> <p>Turnover should be duly certified by the Chartered Accountant.</p> <p>Net worth certificate to be certified by the Chartered Accountant.</p> |
| Number of RF meters for which the bidder is quoting | Minimum annual turnover required | | | | | | | |
| Upto 1 lakh RF meters | At least Rs. 90 lakhs | | | | | | | |
| Above 1 lakh & upto 4.90 lakhs | At least Rs. 4.27 Crores | | | | | | | |
| <p>3</p> | <p><u>Employee Capability :</u> Should have minimum 25 numbers of qualified staff on its roll in India who will be working for this project having minimum one year experience in Wireless communication technologies preferably in RF network implementation.</p> | <p>Self Certification on bidder's letterhead along with list of employees on roll who will be working for this project, with details of educational qualification and experience.</p> | | | | | | |
| <p>4</p> | <p><u>Project Experience</u> Project Experience in India for at least 3 years in any of the following during last five year (from year 2012-13 and onwards) :</p> <p>a) Should have experience in implementation of RF DCU for RF meter readings covering minimum 1,000 RF Meters.</p> <p>b) Should have experience for working with RF modules such as -</p> <ul style="list-style-type: none"> • Designing and developing RF devices. | <p>Self Certification on bidder's letterhead with details of experience and copy of work orders</p> <p>OR</p> <p>Copy of experience certificate issued and duly certified by client.</p> | | | | | | |

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| | <ul style="list-style-type: none"> • Topology development like mesh, star, etc., • Managing large installation base of wireless devices. • In designing and implementing wireless networks based on RF Mesh network. <p>c) Should have expertise in ZigBee and 6LoWPAN standards and troubleshooting techniques.</p> <ul style="list-style-type: none"> • Must have experience in using network sniffer tools for ZigBee & 6LoWPAN. <p>d) Should presently be managing a large base of wireless installations (minimum 1,000 endpoints) and GPRS/ GSM based technologies or proprietary network based on various other technologies.</p> <p>e) Should have experience for implementation of RF devices (Min. qty : 1,000 RF Devices) like RF Meters, RF DCUs, RF trackers or any domestic appliance based on RF technology.</p> | |
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Brief Scope:

- MSEDCL has installed single phase and three phase RF Meters i.e. meters having in-built RF port as communication port at Pune, Kalyan, Nashik and Bhandup Zone. Out of which approx. 4.90 lakh RF meters are installed in RF dominated PCs. The bidder has to provide RF DCU solution for monthly reading of RF Meters in RF dominated PCs of sub-divisions in Bhandup, Kalyan, Nashik and Pune zones. All Single phase and three phase RF Meters including Zigbee RF and 6LoWPAN RF Meters installed within contract period in RF dominated PCs, will be considered in the scope of bidder. The scope of work involves following activities.
 1. Supply and Installation of DCU
 2. Commissioning of RF Meters
 3. Meter Data Downloading
 4. Troubleshooting and maintenance of RF Networks.
- The bidder should submit preference for circles for which he intends to bid and quotes should be submitted for preferred circles. Price bids will be evaluated circle wise.

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