

# **BID NOTICE**



**Maharashtra State Electricity Distribution Company Limited**

**Tender No: CGM-IT/EVCI OPERATION CENTRE/18-19/01**

**Version 1.0**

**Date : 19.07.2019**

Chief General Manager (IT), on behalf of Maharashtra State Electricity Distribution Company Limited (the Employer), hereby invites sealed bids from eligible bidders for “ **Tender for Implementation of Electrical Vehicle Charging Infrastructure Operation Centre** “. Entire bidding document is available on MSEDCL e-Tendering Website <http://etender.mahadiscom.in> 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. 5,000/-** Plus 18% GST via online payment only (Non-Refundable)

**Bid Security:** The bid must be accompanied with Bid Security for an amount equal to Indian Rs. **2,00,000 (Rupees Two lakhs only)** for covering the entire scope of work. The bid security shall be denominated in Indian Rupees only. The bid security shall be in the form of a Demand Draft or an Unconditional Bank Guarantee from any Nationalized / Scheduled Bank in favour of the Maharashtra State Electricity Distribution Co. Ltd., payable at Mumbai or by way online payment as mentioned in details in Tender Document.

The Demand Drafts should be submitted to this office on or before submission date and time.

Calendar of Events	Date and Time
Tender Document Sale/ download	19.07.2019
Due date and time of submission of Bids	07.08.2019 at 17:00 Hrs.
Date of Technical Bid Opening	07.08.2019 at 17:15 Hrs.

## **QUALIFICATION CRITERIA:**

Sr. No.	Type	Description	Evaluation
1	Entity	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  2] The Bidder shall have a valid PAN and GSTIN Number if applicable.  3] The Bidder should not have been blacklisted by any of the Government/Public Sector	1] Certificate of Incorporation or Article of Association  2] Copy of relevant certificates indicating PAN number, GST registration number (GSTIN).  3] Undertaking that bidder is not blacklisted

		Undertaking (s) (PSUs) and private organizations.	
2	Experience in implementation	Electrical Vehicle Charging Infrastructure Operation Centre managing 10 nos. of charging stations should have been implemented by bidder or his Authorized Partner or OEM in India or abroad from Year 2012-13 and onwards up to the last date of tender submission.	Documentary evidence such as LOA/PO/WO/letter from clients with contact details of clients.  In case of Authorized Partner or OEM, Letter of Authorization must be submitted by bidder.
3	Financial Strength	The bidder should have average annual financial turnover of at least Rs. Ten Crores for the Year 2015-16, 2016-17 and 2017-18.  Net Worth for the each of the last three Financial Years 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 losses (including debit balance in profit and loss account for current year) and intangible assets.	1. Copy of the Audited Annual financial statements, Balance Sheet and P&L Account for the respective financial years.  2. Net worth certificate duly certified by Chartered Accountant to be submitted as a proof of net worth.

#### **BRIEF SCOPE OF WORK:**

Supply, customization, installation, deployment and maintenance of necessary software and other systems for proposed Electrical vehicle charging infrastructure Operation Centre to facilitate monitoring, data logging and data analysis of charging stations across Maharashtra. Operations and Maintenance of the system for the period of 5 years from the date of acceptance.

- a) Supply, Installation, commissioning of standard EV Charging Infrastructure OC solution on MSEDCL Cloud, inclusive of required Databases, map services and allied tools such as charting tools etc. for 50 no. of EV Charging Units (with scalability up to 500 no. of EV charging units) for 5 years.
- b) Supply, Installation, commissioning of Web portal on Cloud for EV Charging Infra OC solution.
- c) Supply, Installation, commissioning of Mobile App for EV Charging Infra OC solution.
- d) The hosting of above software shall be done onto MSEDCL provided Cloud. SIM cards for communication with EVSE will be provided by MSEDCL.
- e) 24x7 Support for EV Charging Infrastructure OC Solution including Web portal & Mobile App for 5 years.
- f) Any additional changes/modifications/customization in proposed EV Charging Infrastructure OC Solution including Web portal & Mobile App for 5 years.
- g) Integration shall be done using Open Charge Point Protocol (OCPP) 1.5 or higher. Bidder has to integrate with all existing and future versions of OCPP.
- h) The EV Charging Infrastructure OC solution must have facilities such as

- (a) For recording charging units per charging instance and generation of Consumer's Billing/invoicing as per MSEDCL's EV Charging Tariff & applicable taxes and duties.
  - (b) For collection through all channels of online payment modes and cash collection.
  - (c) Dashboard and MIS reports.
- i) Integrating the solution with payment gateways, SMS gateways and email gateways of MSEDCL (existing & future).
  - j) Integrating the solution with existing systems such as Energy Audit (EA) module, MSEDCL portal, Online Cash Collection System(OCCS), MSEDCL Dashboards, MSEDCL ERP, Billing system, CRM, Asset & maintenance planning, and other legacy systems (if required) etc.
  - k) Providing Training to MSEDCL personnel.
  - l) Provided solution shall have required security audit compliance/certification. Bidder should provide latest OWASP top 10 vulnerability compliance certificate from CERT-In empanelled agency for proposed solution.

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