

SMART CITIES MISSION

Name of Work: Design, Supply, Installation and Commissioning of 1.2MW of Ground Mounted Solar Power Plant in the ABD Area of Vellore City Municipal Corporation at STP area near Palar river.

Estimate Amount Rs:6.28 Cr

Tender Inviting Authority

The Managing Director,
Vellore Smart City Limited,
Vellore Corporation Building,
Infantry Road, Vellore 632 001
Tel: +91-416-2220578
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1. Project Overview

The Managing Director, Vellore Smart City Limited (VSCL), The Employer, invites bids from eligible bidders on Two stage – Two envelop bid system in the prescribed forms and formats, for the work of Supply, Installation, Commissioning, Operation & Maintenance of Solar Power Plant at North Side of Vellore Corporation STP area near palar river, Vellore as per the Scope of Work mentioned hereinafter. A qualified bidder needs to set up the total capacity of 1.2 Mwp (DC) Power Plant, as per the Scope of Work mentioned hereinafter.

- 1.1 Design, Engineering, Procurement & Supply, Packing & Forwarding, Transportation, Unloading, Storage at site, Site development, Construction, Erection & Installation of equipment, Testing & commissioning of system at North Side of Vellore Corporation STP area near palar river, Vellore and comprehensive O&M for 10 (Ten) years thereafter of the said 1.2 MW (DC) Solar PV Power Plant at North Side of Vellore Corporation STP area near palar river, Vellore in the state of Tamilnadu (India). The selected bidder has to demonstrate assured performance of the Plant as specified in the bidding documents.

2. Brief Scope of Work

- 2.2.1 Solar panels including module mounting structures and fasteners.
- 2.2.2 All power conditioning systems including junction boxes, Inverters/ PCU, DC and AC circuit breaker(s)
- 2.2.3 Supply and erection of weather monitoring station including solar radiation sensors.
- 2.2.4 All associated electrical works and equipment required for interfacing at 11 kV cable (i.e. power and auxiliary, breakers, isolators, lightning arrestor(s), LT/ HT/ other panels, protection system, cables, earthing of transformer & PV plant etc., but not limited to as per technical specifications.
- 2.2.5 Design and implementation of Plant string level monitoring scheme (current, voltage, fault etc.) with compatible software, hardware and cabling for accessing the live SCADA data remotely at a location in Vellore. Use of Y Connectors is allowed for up to two string level monitoring.
- 2.2.6 Install and setup a communication infrastructure to provide telemetry data to the State load despatch centre (SLDC) in compliance to CERC/ SERC norms/ specifications

2.2 Design, Procurement & Supply and erection of the following, in all respect :

2.3 All associated civil works, including design and Engineering, for:

- 2.3.1 Construction of module mounting structure foundations, transformer and other power equipment foundations, cable trenches for cable routing and earthing pits.
- 2.4 Setting up of a comprehensive Fire Detection & Protection system
- 2.5 Supply of mandatory spares.
- 2.6 Demonstration of performance of the Plant as per the requirement specified in the bidding documents.
- 2.7 Comprehensive operation & maintenance of the SPV Plant for 10 (ten) years after successful commissioning and performance demonstration, as detailed in technical specification including supply and storage of all spare parts, consumables, repairs/ replacement of any defective equipment etc.
- 2.8 Obtaining all associated statutory and regulatory compliances and approvals for successful construction, commissioning and operation of Plant.
- 2.9 The detailed scope of work is given in Section V: Technical specifications of this bidding documents.

3. Bid Information

The bidding documents which include detailed scope of work, Instruction to bidders,

- 3.1 Specifications, Terms & conditions, formats etc., can be downloaded from www.tntenders.gov.in

- 3.2 No hard copies of bidding documents shall be issued for this NIT. Brief details of the NIT are as follows:

Document Number :Roc No.6209/2020/S1
Document availability Date & Timing :
Last Date & Time of Bid Receipt :
Techno-commercial Bid Opening :
Tender/Bid processing Fees : 25,000 -/- (INR Twenty Five Thousand Only)

- 3.3 All Bids must be accompanied by Bid processing fees & EMD
A EMD of INR 6,25,000/- (INR Six lakhs and Twenty five thousand only) in the form of Demand Draft to be drawn in favour of "The Managing Director, Vellore Smart City Limited" Payable at Vellore. Bid processing fee of INR 25,000/- (Rupees Twenty Five Thousand only) in form of DD drawn in favour of "The Managing Director, Vellore Smart City Limited" payable at Vellore. /EMD as mentioned in the Bank Guarantee sheet (as per Format 12(a)) for Packages quoted by the bidder.

- 3.4 ANY BID NOT ACCOMPANIED BY EMD & BID PROCESSING FEE OR NOT FOUND IN ACCEPTABLE FORMAT PRESCRIBED IN THIS TENDER DOCUMENT AND BID PROCESSING FEES IN A SEPARATE SEALED ENVELOPES SHALL BE REJECTED AS BEING NON – RESPONSIVE AND RETURNED TO THE BIDDERS WITHOUT BEING PROCESSED FURTHER.

4. Qualifying Requirements (QR) for Bidders:

Bidder shall meet the qualifying requirement stipulated hereunder:

4.1 General

- 4.1.1 The Bidder for Participation in the Selection process, may be a single entity or a group of entities (the “Consortium”), coming together to execute the project. The Bidder’ used herein would apply to both single entity and consortium.
- 4.1.2 In the event the Bidder is a consortium, it shall, comply with the following additional requirements:
- 4.1.3 Number of members in a consortium shall not exceed 2 (Two) including the Lead Member
- 4.1.4 The members of the consortium shall nominate one member as the lead member
- 4.1.5 The members of the consortium shall be responsible for successful implementation of the project throughout the terms of the contract.
- 4.1.6 The lead member shall be authorized and shall be fully responsible for the accuracy and veracity of the representations and information submitted by the members respectively from time to time in the response to this Bid.
- 4.1.7 The consortium agreement should be submitted with the bid.
- 4.1.8 The agreement should be on stamp paper and duly notarized., members should be jointly and severally responsible.
- 4.1.9 The consortium should jointly fulfill Eligibility Criteria & pre-qualification criteria mentioned in the document
- 4.1.10 The consortium agreement should clearly mention the roles and responsibilities of each company in the consortium and percentage share of each member.
The consortium agreement should mention the lead partner in the consortium.
- 4.1.11 The Bidder should be a body incorporated in India under the Companies Act, 1956 or 2013/NGO/Proprietorship/Partnership/LLB firm & Shall be in operation for the last five years.
Copy of Registration certificate to be enclosed

4.1.12 The Bidder should be MNRE Channel Partner with a minimum rating of 3 C/ Shall be TEDA Empanelled vendor.

Copy of Valid Channel Partner Certificate/ Valid TEDA Empanelment letter shall be enclosed

4.1.13 The Bidder should be an ISO 9001:2015 & ISO 14001:2015 certified firm for Design,Installation,Commissioning, Operation & Maintenance of grid connected solar power plant.

Copy of Valid ISO Certificates shall be enclosed

4.1.14 The Bidder should be a registered first class contractor in Vellore City Municipal Corporation/Tamilnadu PWD/TEDA. Copy of the Valid First class registration certificate shall be enclosed.

4.1.15 The Bidder should have at least one of its registered office/Branches/Service centers in Vellore District, Tamilnadu, India (Proof of Registered office/Branches/Service Centre shall be enclosed)

4.1.16 The Bidder shall furnish GST registration Certificate

4.1.17 The Bidder should have executed civil works such as Trench Works/Drain Works/building Works of value not less than 10 % of Total Epc contract value in any of the Government departments/PSU's/ULB's(Copy of work order along with satisfactory completion report shall be furnished)

4.2 Technical Eligibility Criteria

4.2.1 The bidder should have Designed, supplied, Installed and commissioned/ supervised commissioning of Solar Photo Voltaic (SPV) based grid connected power Plant(s) of following cumulative installed capacity of 600 Kw or more in Central Government/State Government/Local Body/PSU's & must be in operation for the last six months prior to the date of issue of the document.

4.2.2 The Bidder shall submit, in support to the above, the list of projects commissioned along with their work order/ LOI/Commissioning certificates and the letter from Client/Employer /Owner confirming satisfactory performance of the Plant.

4.2.3 The Bidder shall be EA Electrical 'A' Grade license holder issued by the Tamilnadu Electrical Inspectorate.

Copy of the Valid license shall be enclosed

4.2.4 All test certificates as per the standards mentioned in the document shall be enclosed

4.3 Financial Eligibility Criteria

4.3.1 The minimum average annual turnover of the Bidder in the preceding three (3) financial years as on the date of Technical bid opening, shall be INR 6.00 Crores (Six crores)

Turnover certificate from the Chartered Accountant Shall be enclosed

4.3.2 The net worth for the last year should be positive

Net worth certificate from practicing Chartered Accountant shall be enclosed

4.3.3 The Bidder will provide a copy each of audited annual report of previous three financial years for ascertaining their turnover and Net Worth along with Bank Statements for the purpose of verification.

4.3.4 In case the bidder is not able to furnish its audited financial statements on standalone entity basis, the unaudited unconsolidated financial statements of the bidder can be considered acceptable provided the bidder furnishes the following further documents for substantiation of its qualification:

- Copies of the unaudited unconsolidated financial statements of the bidder along with copies of the audited consolidated financial statements of the Holding Company.
- A Certificate from the CEO/CFO of the Holding Company, stating that the unaudited Unconsolidated financial statements form part of the Consolidated Annual Report of the company.

In case where audited results for the last preceding financial year are not available, certification of financial statements from a practicing Chartered Accountant shall also be considered acceptable, provided the bidder provides the detailed Financial Statements certified by the Management of the company.

4.3.5 The Bidder shall submit a Bank solvency of INR 2 Crores addressed to the The Managing Director, Vellore Smart City Limited: If the bidder is registered contractor in any other firm like TEDA etc..

Original bank solvency certificate shall be submitted

4.3.6 Solvency shall be obtained from Scheduled Commercial banks only.

4.4 Notwithstanding anything stated above, the Employer reserves the right to assess the capabilities and capacity of the Bidder / his collaborators / associates / subsidiaries / group companies to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer.

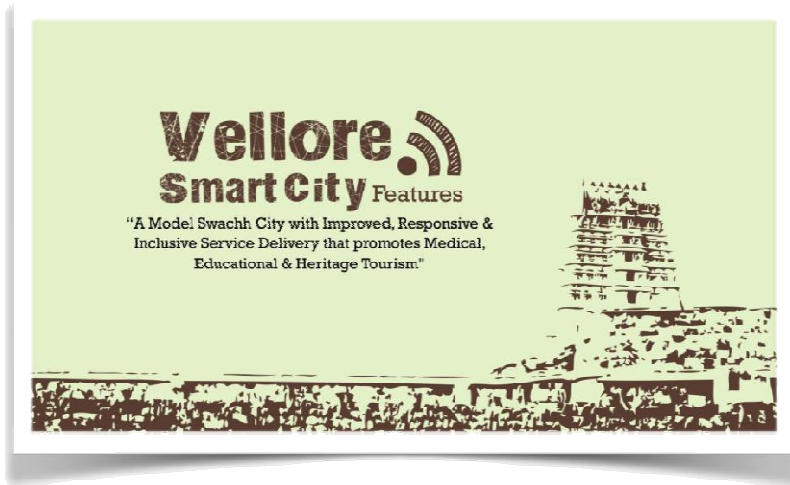
Employer reserves the right to reject any or all bids or cancel/ withdraw the Notice Inviting Tender (NIT) without assigning any reason whatsoever and in such case no bidder/ intending bidder shall have any claim arising out of such action.

Issuance of Bidding Documents to any Bidder shall not construe that such Bidder is considered to be qualified. Bids shall be submitted online along with the requisite hard copy (originals) of documents submitted at the address given below.

All photocopies shall be duly notarized and certified as true copy.

5. Address for Communication:

Bidders are requested to keep themselves updated with the website of TN Tenders on regular basis for any Amendment / Clarification / Notification in respect to this NIT. No separate notification or information will be issued in print media or individually. Intimation regarding notification on the above shall be updated on www.tntenders.gov.in



SECTION - II INSTRUCTIONS TO BIDDER (ITB)

(Roc No.6209/2020/S1)

Tender Inviting Authority

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