

TELANGANA NEW AND RENEWABLE ENERGY
DEVELOPMENT CORPORATION LTD
(TNREDCL) - HYDERABAD

Request for Quotations for
Supply, Installation and Commissioning of Solar Grid
Connected Inverter at English and Foreign Languages
University, Osmania University Campus, Hyderabad

NAME OF FIRM:.....

Tender Notice No.: TNREDCL/SE/SPV/EFLU/2017/Dated: 17.03.2017

Closing Date : 30.03.2017 at 3.00 PM

TELANGANA NEW AND RENEWABLE ENERGY
DEVELOPMENT CORPORATION LTD.
(TNREDC Ltd.) HYDERABAD-500001

BID INFORMATION

<p>Brief Description</p>	<p>This RFS document comprises for “Bidding process Supply, Installation & Commissioning of 50KWp (20KWp -2Nos & 10KWp - 1No) string invertors and replacing the existing invertor at Admin building, English and Foreign Languages University, Osmania University Campus, Hyderabad.</p>
<p>Broad description of scope of work</p>	<p>Supply, Installation & Commissioning of 50KWp (20KWp -2Nos & 10KWp -1No) string invertors of reputed make in place of existing 50KWp off grid invertor of Emersion make & shifting of same .. Cabling work for Inter connection of the Invertors with necessary additional cabling . Provision of Lighting arrestor & Earthling protections etc. The bidders are advised to visit the site to ascertain the Actual site conditions</p>
<p>Last date & Time of Submission of response of RFS</p>	<p>30.03.2017 at TNREDCL, Head office, Nampally Hyderabad. By 3.00PM</p>
<p>Bid Opening (Technical & Financial Bid)</p>	<p>30.03.2017 at 3.30PM at TNREDCL, Head office, Nampally Hyderabad</p>
<p>Processing Fee (non-refundable)</p>	<p>Rs.10, 000/- + VAT (Rupees Twenty Five thousand plus vat only) to be furnished through Demand Draft (DD) drawn on “ TNREDCL”, payable at Hyderabad, along with Bid.</p>
<p>BID BOND (EMD)</p>	<p>Bid Bond (EMD) for Rs 1.00 Lakhs (Rs one Lakhs only) by way of Demand Draft in Favour of TNREDCL OR Bank Guarantee on any Nationalized Bank in favour of TNREDCL valid for one year period shall be submitted along with Technical Bid. . Firms claiming Exemptions for EMD shall submit letter from NSIC/ SSI for this work specifically.</p>
<p>Important Note: Prospective Bidders are requested to remain updated for any notices/amendments/clarifications etc. to the RfS document through the website.</p> <p>No separate notifications will be issued for such notices/amendments/clarification etc. in the print media or individually. All the information related to this RFS shall be updated on the TNREDCL Website only. The Bid Bond /EMD amount paid by the successful Tenderer will be converted as Security deposit and will be released after completion of the works allotted. The un- successful bidders, the EMD/ Bid Bond will be returned on allotment of the works.</p>	

1. PROJECT BACKGROUND:

TNREDCL is inviting RFQ for supply, installation and commissioning of solar grid connected inverter at Admin building, English and Foreign Languages University, Osmania University Campus, Hyderabad

TNREDCL empanelled suppliers of RC 11-500KWp category are eligible to participate in this tender. Interested suppliers shall submit their lowest offer supporting technical & commercial documents as per the instructions given below and the terms & conditions as per the technical specification provided herein.

The response to this RFQ shall be submitted in hard copy or electronically on or before 3 0th March 2017 3:00 pm at the TNREDCL Reg office , Nampally Hyderabad

Instruction to Bidders

- a. Rates quoted should be firm and fixed.
- b. Clause by Clause compliance to the terms and conditions as per the conditions of contract and technical requirements shall be submitted
- c. Rates shall be valid up to six months from the date of submission of response.
- d. Deviation in terms and conditions, Specification of material, Inspection clause etc. will not be accepted
- e. The materials are urgently required. Timely delivery of materials against purchase order is of paramount importance. Therefore, offer with ex-stock delivery will be preferred.
- f. Certificate to the effect that the systems to be supplied are indigenous / imported must be furnished.
- g. Submission of test certificate as specified under IEC/TUV/UL or as MNRE standards.
- h. Declarations of the suppliers to the effect that all the balance of system (BOS) are as per standards of MNRE.
- i. Proof in support of having authorized representative / service center in Telangana should be enclosed.

**TELANGANA NEW AND RENEWABLE ENERGY
DEVELOPMENT CORPORATION LTD. (TNREDCL)**

5-8-207/2, Nampally, HYDERABAD-500001

RFQ No:.....

Date:.....

TNREDCL (hereinafter called “Nodal Agency ”, invites bids from the eligible bidders to participate in the Request for Quotations (RFQ) of Bidders for Design, manufacture, supply, erection, testing and commissioning including warranty, operation & maintenance of Solar Grid Connected Inverter at English and Foreign Languages University, Osmania University Campus, Hyderabad

For implementation of above mentioned work, Bidders should submit their bid proposal/application along with all supporting documents complete in all aspects on or before **30.03.2017 by 3 pm** in the office of “[TNREDCL, Hyderabad]” in prescribed format.

Bidder shall submit bid proposal along with non-refundable **processing** fee, complete in all respect as per the Bid Information sheet. Techno-Commercial bids will be opened on **30.03.2017 at 3.30 pm** in presence of authorized representatives of bidders/applicants who wish to be present. Bid proposals received without or lesser than the prescribed processing fee and **Bid Bond** will not be considered. In the event of any date indicated above is a declared Holiday, the next working day shall become operative for the respective purpose mentioned herein.

Bid documents which include Eligibility criteria, “Technical Specifications”, various conditions of contract, formats, etc. can be downloaded from website” **tnredcl.telangana.gov.in**. Any amendment (s)/corrigendum/clarifications with respect to this Bid shall be uploaded on **tnredcl.telangana.gov.in** Website only. The Bidder should regularly follow up for any Amendment/Corrigendum/Clarification on the above website.

2. SCOPE OF WORKS:

The scope of works for the solar installation is as follows

- a) Design, procurement, supply, delivery, installation and commissioning of a solar grid connected inverters and monitoring equipment according to the requirements specified in this document.
- b) Maintenance of the installed system for a period of five years.
- c) **ELIGIBILITY CRITERIA**

TNREDCL empanelled suppliers in the category of 11-50KWp and above and MNRE channel partners with experience in installation of at least 50KWp system

2.1 GENERAL

- i. The Bidder should be either a body incorporated in India under the Companies Act, 1956 or 2013 including any amendment thereto and engaged in the business of Solar Power.
- ii. The bidder should be empanelled with TNREDCL for the year 2015-16 as system integrator / manufacturer OR shall be MNRE registered channel partner for implementation of **GRID CONNECTED SOLAR PV SYSTEMS ONLY**

A copy of certificate of incorporation shall be furnished along with the bid in support of above.

2.1.2 TECHNICAL ELIGIBILITY CRITERIA:

The Bidder should have installed & commissioned at least one Grid connected Solar PV Power Project having a capacity of not less than 50 **KWp** (a single project) which should have been commissioned at least six months prior to Techno-Commercial Bid Opening date. The list of project commissioned at least 6 months prior to Techno-Commercial Bid Opening date, indicating whether the project is grid connected, along with a copy of the Commissioning certificate and Work order / Contract / Agreement/ from the Client/Owner shall be submitted in support of Clause 3.3.2 above.

2.1.3 FINANCIAL ELIGIBILITY CRITERIA:

- (a) The Bidder should have an Annual Turnover as indicated below.
 - i. The Annual turnover of Rupees 1.0 **Crore** in any one of the last 3 financial years preceding the Bid Deadline subject to the condition that the Bidder should at least have completed one financial year.

Bidders shall furnish documentary evidence, duly certified by Authorized Signatory and the Statutory Auditor / Practicing Chartered Accountant of the Bidding Company in support of their financial capability.

2.1.4 AMENDMENTS TO RFQ

- At any time prior to the deadline for submission of Bids, the TNREDCL may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the RFQ document by issuing clarification(s) and/or amendment(s).
- The clarification(s) / amendment(s) (if any) may be notified on TNREDCL website tnredcl@telangana.gov.in least Two (2) days before the proposed date of submission of the Bid. If any amendment is required to be notified within Two (2) days of the proposed date of submission of the Bid, the Bid Deadline may be extended for a suitable period of time.

- TNREDCL will not bear any responsibility or liability arising out of non-receipt of the information regarding Amendments in time or otherwise. Bidders must check the website for any such amendment before submitting their Bid.
- All the notices related to this Bid which are required to be publicized shall be uploaded on website tnredcl@telangana.gov.in

2.2 BIDDING PROCESS

2.2.1 BID FORMATS

2.2.1 The Bid in response to this RFQ shall be submitted by the Bidders in the following manner

The Bid shall comprise of

(A). ENVELOP- I (COVERING LETTER, BID PROCESSING FEE, BID BONDS, TECHNO-COMMERCIAL DOCUMENTS)

- i. Covering Letter indicating the profile of the company and Capacity quoted as per the prescribed Format-1.
- ii. Copy of PAN and TAN certificates of Bidding company.
- iii. Bid processing fee @ Rs.10,000/- plus VAT by way of DD drawn in favour of TNREDCL payable at Hyderabad .

2.3. PROJECT COST

2.3.1 The Project cost shall include all the costs related to above Scope of Work. Bidder shall quote for the entire facilities on a “single responsibility” basis such that the total Bid Price covers all the obligations mentioned in the Bidding Documents in respect of Design, Supply, Erection, Testing and Commissioning including Warranty, Operation & Maintenance for a period of 5 years of Solar Grid Connected Inverter and goods and services including spares required if any during O&M period. The Bidder has to take all permits, approvals and licenses, Insurance etc., provide training and such other items and services required to complete the scope of work mentioned above.

2.3.2 The project cost quoted is on lump sum turnkey basis and the bidder is responsible for the total Scope of Work described at above.

2.3.3 The project cost shall remain firm and fixed and shall be binding on the Successful Bidder till completion of work for payment of subsidy amount irrespective of his actual cost of execution of the project. No escalation will be granted on any reason whatsoever. The bidder shall not be entitled to claim any additional charges, even though it may be necessary to extend the completion period for any reasons whatsoever.

2.3.4 The project cost shall be inclusive of all duties and taxes, insurance etc .The prices quoted by the firm shall be complete in all respect and no price variation /adjustment shall be payable

2.3.5 The operation & maintenance of invertors / Power Conditioning Unit (PCU), spares, consumables & other parts for a period of 5 years

2.3.6 TNREDCL SERVICE CHARGES @ 3% plus Service Tax as applicable of the actual project completion cost shall be deducted at the time of release of payment

2.3.7 INSURANCE

The Bidder shall be responsible and take an Insurance Policy for transit-cum-storage-cum-erection for all the materials to cover all risks and liabilities for supply of materials on site basis, storage of materials at site, erection, testing and commissioning. The bidder shall also take appropriate insurance during O&M period.

2.3.7.1 The Bidder shall also take insurance for Third Party Liability covering loss of human life, engineers and workmen and also covering the risks of damage to the third party/material/equipment/properties during execution of the Contract. Before commencement of the work, the Bidder will ensure that all its employees and representatives are covered by suitable insurance against any damage, loss, injury or death arising out of the execution of the work or in carrying out the Contract. Liquidation, Death, Bankruptcy etc., shall be the responsibility of bidder.

2.3.8 WARRANTIES AND GUARANTEES

The Bidder shall warrant that the goods supplied under this contract are new, unused, and as per **MNRE specifications** of the most recent or latest technology and incorporate all recent improvements in design and materials. The bidder shall provide system warrantee covering the rectification of any and all defects in the design of equipment, materials and workmanship including spare parts for a period of 5 years from the date of commissioning. The successful bidder has to transfer all the Guarantees /Warrantees of the different components to the Owner of the project. The responsibility of operation of Warrantee and Guarantee clauses and Claims/ Settlement of issues arising out of said clauses shall be joint responsibility of the Successful bidder and the owner of the project and TNREDCL will not be responsible in any way for any claims whatsoever on account of the above.

2.3.9 TYPE AND QUALITY OF MATERIALS AND WORKMANSHIP

The Design, engineering, manufacture, supply, installation, testing and performance of the equipment shall be in accordance with latest appropriate IEC/Indian Standards as detailed in the Section- III (Technical specifications) of the bid document. Where appropriate Indian Standards and Codes are not available, other suitable standards and codes as approved by the MNRE shall be used.

The specifications of the components should meet the technical specifications mentioned in Section

Any supplies which have not been specifically mentioned in this Contract but which are necessary for the design, engineering, manufacture, supply & performance or completeness of the project shall be provided by the Bidder without any extra cost and within the time schedule for efficient and smooth operation and maintenance of the SPV plant.

OPERATION & MAINTENANCE (O&M)

The bidder shall be responsible for Operation and Maintenance of the Roof top Solar PV system of capacity installed for a period of 5 years, during which TNREDCL will monitor the project for effective performance in line with conditions specified elsewhere in the bid document. During this period, the bidder shall be responsible for supply of all spare parts as required from time to time for scheduled and preventive maintenance, major overhauling of the plant, inverters, PCU’s etc and maintaining log sheets for operation detail, deployment of staff for continuous operations and qualified engineer for supervision of O&M work, complaint logging & its attending.

PROJECT INSPECTION.

The progress of the project above will be monitored by TNREDCL and will be inspected for quality at any time during commissioning or after the completion of the project either by officer(s) from TNREDCL, EFLU or any authorized agency/ experts.

TNREDCL reserves the right to do sample inspection checks for the projects commissioned by the Bidder.

Bidder requiring any clarification on bid documents may contact in writing or by Fax /E Mail.

Sl. No	Designation	Contact Number	Email id
1.	General Manager	040 23201502/03	infotnredcl@gmail.com / se@tnredcl.telangana.gov.in
2.	Project Director (SE)	040 23201502/03	infotnredcl@gmail.com / se@tnredcl.telangana.gov.in

SAFETY MEASURES:

The bidder shall take entire responsibility for electrical safety of the installation(s) including connectivity with the grid and follow all the safety rules & regulations applicable as per Electricity Act, 2003 and CEA guidelines etc.

SCOPE OF THE WORKS

Slno	Particulars	Total Capacity
1	<p><u>EFL University:50KWp</u></p> <ol style="list-style-type: none"> 1. Supply, Installation & Commissioning of 50KWp (20KWp - 2Nos & 10KWp -1No) string invertors of reputed make in place of existing 50KWp off grid inverter of Emersion make. 2. Removal & shifting of existing 50KWp off grid inverter of Emersion make 3. Cabling work for Inter connection of the Invertors with necessary additional cabling (the existing cabling where ever possible will be utilized) 4. Provision of Lighting arrestor & Earthling protections <p>Any other miscel works as per site requirements for commissioning of plant</p>	50 KW

FORMAT-B

Bidder Offer Reference No_____

PRICE BID

(To be submitted in a separate envelope)

S.no	Particulars of the works	Total Capacity	Total amount quoted (Rupees in Figures and Words)	Remarks
01	<p><u>EFL University:50KWp</u></p> <p>1. Supply, Installation & Commissioning of 50KWp (20KWp -2Nos & 10KWp -1No) string invertors of reputed make in place of existing 50KWp off grid inverter of Emersion make.</p> <p>2. Removal & shifting of existing 50KWp off grid inverter of Emersion make</p> <p>3. Cabling work for Inter connection of the Invertors with necessary additional cabling (the existing cabling where ever possible will be utilized)</p> <p>4. Provision of Lighting arrestor & Earthling protections</p> <p>Any other miscl works as per site requirements for commissioning of plant</p>	50 Kwp		

1. Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total Amount that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total amount shall be corrected. If there is a discrepancy between words and figures, the amount written in words will prevail.

Date: Signature:.....

Place: Name of the Firm/ Tenderer

