



Telangana State Renewable Energy Development Corporation Ltd

Tender Notice. No. TSREDCO/SE/SPV/2kWp_MRO Office/2021

Request for Quotations

For

SUPPLY, INSTALLATION OF 6NO's OF SOLAR PV MODULES OF CAPACITY 320WP EACH WITH NECESSARY SIMILAR STRUCTURE AND WIRING TO THE EXISTING 8KWp SOLAR POWER PLANT WITH INVERTER CAPACITY OF 10KWp AT MRO OFFICE RAMAGUNDAM, KARIMNAGAR DISTRICT.

Tender Notice No:- TSREDCO/SE/SPV/2kWp_MRO Office/2021,Dated.28.06.2021

CLOSING DATE : 03.07.2021 At 2.00 PM



**TELANGANA STATE RENEWABLE ENERGY DEVELOPMENT CORPORATION LTD
(TSREDCO)**

**Corporate Office: D. No. 6-2-910, Visvesvaraya Bhavan,
The Institution of Engineers Building, Khairatabad, Hyderabad - 500 004.
Telangana State, India**

PHONE: 040-23201502, 23201503, FAX : 040-23201504

E-mail : info@tsredco.telangana.gov.in, se@tsredco.telangana.gov.in

Web site: <https://tsredco.telangana.gov.in>



Telangana State Renewable Energy Development Corporation Ltd

Tender Notice. No. TSREDCO/SE/SPV/2kWp_MRO Office/2021

SECTION - I

TSREDCO has called Request for Quotations from the registered vendor for **supply, installation of 6no's of solar PV modules of capacity 320wp each with necessary similar structure and wiring to the existing 8kwp solar power plant with inverter capacity of 10kwp at MRO office Ramagundam, Karimnagar District.**

Time schedule of Request for Quotations related events:

Bid calling date	28.06.2021
Bid Document fee (Non refundable)	Rs.1,180/- (Rupees One Thousand One Hundred and Eighty Only inclusive of GST (By way of DD from any Scheduled Bank in favour of TS REDCO, payable at Hyderabad)
Bid Documents submission Start date	28.06.2021
Last date for submission of Hard copies of documents	03.07.2021 till 02.00 PM at D. No. 6-2-910, Visvesvaraya Bhavan, The Institution of Engineers Building, Khairatabad, Hyderabad, 500 004. Telangana
Pre-qualification & Technical Bid opening date/time	03.07.2021 at 03:00 PM.
Price Bid opening date/time	03.07.2021 at 04:00 PM
Contact person	General Manager, TSREDCO, Hyderabad
Reference No	TSREDCO/SE/SPV/2kWp-MRO Office/2021
RFQ to be addressed to	Vice Chairman & Managing Director Telangana State Renewable Energy Development Corporation Ltd (TSREDCO), D. No. 6-2-910, Visvesvaraya Bhavan, 2nd floor, The Institution of Engineers Building, Khairatabad, Hyderabad - 500 004. Telangana State, India Ph: 040 - 23201502, 23201503. / Fax: 040 - 23201504 Email: se@tsredco.telangana.gov.in

VC & MD
TSREDCO



Telangana State Renewable Energy Development Corporation Ltd

Tender Notice. No. TSREDCO/SE/SPV/2kWp_MRO Office/2021

CLARIFICATIONS:

- i. Queries if any, can be made through e-mail only on se@tsredco.telangana.gov.in on or before 02.07.2021. Queries received via any mode other than e-mail id mentioned above will not be entertained. The queries should only be sent in following format on the official letter head of the company.

S.No.	Page No. (Tender Ref.)	Clause (Tender Ref.)	Description (Tender Ref.)	Query

VC & MD
TSREDCO



Telangana State Renewable Energy Development Corporation Ltd

Tender Notice. No. TSREDCO/SE/SPV/2kWp_MRO Office/2021

SECTION-II

STATEMENT OF IMPORTANT LIMITS/VALUES RELATED TO BID

Item	Description
Bid Document fee (Non refundable)	Rs.1,180/- (Rupees One Thousand One Hundred and Eighty only) inclusive of GST.(By way of DD from any Scheduled Bank in favour of TS REDCO, payable at Hyderabad)
Name of the Work	Supply, installation of 6no's of solar PV modules of capacity 320wp each with necessary similar structure and wiring to the existing 8kwp solar power plant with inverter capacity of 10kwp at MRO office Ramagundam, Karimnagar District.
Minimum Eligibility Criteria	1. Registered Vendor WITH TSREDCO FOR THE FY 2020-21. 2. The firms are having the solar GCRT system experience of single location i.e. minimum 10KWp on Solar PV grid connected rooftop at Single location in Telangana State. Proof to be submitted
EMD	Bid Security for Rs. 10000/- (Ten Thousand Rupees only) by way of Demand Draft in Favour of TSREDCO OR Bank Guarantee on any Nationalized Bank in favour of TSREDCO valid for one year period shall be submitted along with Technical Bid. Firms claiming Exemptions for Bid Security shall submit letter from NSIC/ SSI for this work specifically.
Bid Validity Period & offer for acceptance	120 days from the date of opening of commercial bid
Performance security value	The performance security is to be paid at the time of work award and amount will be 10% on work value. The amount is in form of Demand Draft drawn in favour of TSREDCO, payable at Hyderabad OR Bank Guarantee on any Nationalized Bank in favour of TSREDCO at the time of LOA. The bank guarantee should be valid for a period of sixty six months (5.5Years). No interest shall be paid by TSREDCO on the amount of Performance Guarantee deposit. The amount / BG to be refund after 66months warranty period.
Security validity period	Performance security shall be released after completion of 60 months from date of commissioning of plant

Note:

1. The Tender document can be downloaded from <http://www.tsredco.telangana.gov.in> and the cost of tender document should be enclosed by way of Demand Draft of Rs.1,000/- Plus 18% GST making total of Rs.1,180/- in favour of TSREDCO, payable at Hyderabad and this D.D. is to be inserted in the technical bid of the tender document.



Telangana State Renewable Energy Development Corporation Ltd

Tender Notice. No. TSREDCO/SE/SPV/2kWp_MRO Office/2021

2. All relevant required documents along with evidences are to be inserted in technical bid, and only quoted rates (as per Format enclosed) is to be inserted in the financial bid.
3. All the terms and conditions of RC tender ref. No. TSREDCO/SE/SPV/Govt./RC_1-1000kWp/CAPEX/ 2019, Dated. 20.07.2019 applicable for this bid.

Important Note:

Bidder shall submit bid proposal along with Bid Document fee and EMD, complete in all respect as per the Bid Information Sheet. Technical bids will be opened in presence of authorized representatives of bidders who wish to be present.

TSREDCO have right to reject the bidding process at any stage or right to cancel the tender without mentioning any reason. 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.

Any amendment(s)/corrigendum/clarifications with respect to this Bid will be through e-mail from se@tsredco.telangana.gov.in only. The Bidder should regularly follow up for any Amendment/Corrigendum/Clarification from the above email ID. No separate notifications will be issued for such notices/ amendments/ clarification etc., in the print media or individually.

1. Bids not accompanying the Bidding Document Cost and EMD, or those accompanied by these instruments of inadequate value, shall not be entertained and in such cases, the bids shall not be opened.



Telangana State Renewable Energy Development Corporation Ltd

Tender Notice. No. TSREDCO/SE/SPV/2kWp_MRO Office/2021

SECTION-III

1. SCOPE OF WORK

The scope of work for the bidder include the following

- a) Supply, installation of 6no's of solar PV modules of capacity 320wp each with necessary similar structure and wiring to the existing 8kwp solar power plant with inverter capacity of 10kwp at MRO office Ramagundam, Karimnagar District. As per MNRE / TSREDCO standards/ specifications.
- b) Supply of required connectors, cables and other required accessories etc.
- c) Civil work wherever required.

1.1. Scope of the successful Bidder shall also include:

- a) Site Survey, Measurement of solar isolation and other relevant parameters required for re-design of the system.
- b) Required procurement and expediting of all supplies and Delivery of equipment and material to job site.
- c) Pre-commissioning & Commissioning of all supplied Equipments and Test running of Grid Connect Solar Power Plant.
- d) Any other items not specifically mentioned in the specification but which are required for erection, testing and commissioning and satisfactory operation of the solar power plant are deemed to be included in the scope of the specification unless specifically excluded on turnkey basis.
- e) Supply of all commissioning spares and Supply of special tools and tackles Project management including project administration, project coordination, scheduling, progress reporting to employer and adhering to safety practices during erection, commissioning and subsequent operation and maintenance of the system including fire prevention.

2. ELIGIBILITY CRITERIA:

1. Registered Vendor WITH TSREDCO FOR THE FY 2020-21.
2. The firms are having the solar GCRT system experience of single location i.e. minimum 10KWp on Solar PV grid connected rooftop at Single location in Telangana State. Proof to be submitted

3. AMENDMENTS IN TENDER DOCUMENT

The amendments will be notified will be through e-mail from se@tsredco.telangana.gov.in at least 2 days before the proposed date of submission of the tender. TSREDCO will bear no responsibility or liability arising out of non receipt of the information in time or otherwise. If any amendment is required to be notified within 2 days of the proposed date of submission of the tender, the last date of submission shall be extended for a suitable period of time.

In case amendments is notified after submission of the tender (prior to the opening of financial bids), all the tenders received by TSREDCO shall be returned in sealed condition to



Telangana State Renewable Energy Development Corporation Ltd

Tender Notice. No. TSREDCO/SE/SPV/2kWp_MRO Office/2021

the concerned tenderers through registered post or courier, for getting their offer revised according to the amended terms and conditions.

All the notices related to this tender which are required to be publicized shall be through e-mail from se@tsredco.telangana.gov.in only.

4. METHOD OF SUBMISSION OF RFQ BY THE BIDDER

A. DOCUMENTS TO BE SUBMITTED OFFLINE (IN ORIGINAL): The bidder has to submit the documents in original as Response to Tender bid to the address mentioned in Bid Information Sheet before the due date and time of bid submission.

Bidding Envelope: Super scribed as “Bidding Envelope containing i) Covering Envelope, ii) Pass Phrase Envelope -1 & iii) Pass Phrase Envelope -2” at the top of the Envelope and “Name & Address of the Bidder” on the left hand side bottom must contain the following

I. Covering Envelope: Super scribed as “Covering Envelope Containing Cost of Tender bid Document, Processing Fee, Bank Guarantee towards EMD, Covering Letter” and must contain the following

- DD/ Pay order towards Cost of Tender bid Document as mentioned in Bid Information Sheet.
- Processing Fee in the form DD/ Pay Order as mentioned in the Bid Information Sheet.
- Bank Guarantee towards EMD as mentioned in the Bid Information Sheet (as per Format). One EMD may be submitted for the cumulative capacity quoted by the Bidder.
- Covering Letter as per Format
- GSTN along with respective registered address of the Bidder on the letterhead of the Bidder (signed by the Authorized signatory)

II. Pass-Phrase Envelope-1: Containing Pass Phrase for Technical Bid duly signed by the authorized signatory in sealed envelope.

III. Pass-Phrase Envelope-2: Containing Pass Phrase for Financial Bid duly signed by the authorized signatory in sealed envelope.

The bidding envelope shall contain the following sticker

Request for quotation for Selection of Solar Power Developers for Supply, installation of 6no's of solar PV modules of capacity 320wp each with necessary similar structure and wiring to the existing 8kwp solar power plant with inverter capacity of 10kwp at MRO office Ramagundam, Karimnagar District. As per MNRE / TSREDCO standards/ specifications.

<i>Cumulative Capacity of the project applied for</i>	<i>—————kWp</i>
<i>No. of Project Bid for</i>	
<i>Tender Reference No.</i>	<i>TSREDCO/SE/SPV/2kWp_MRO Office/ 2021, Dated.28.06.2021</i>
<i>Submitted by</i>	<i>(Enter Full name and address of the Bidder)</i>
<i>Authorized Signatory</i>	<i>(Signature of the Authorized Signatory) (Name of the Authorized Signatory) (Stamp of the Bidder)</i>



Telangana State Renewable Energy Development Corporation Ltd

Tender Notice. No. TSREDCO/SE/SPV/2kWp_MRO Office/2021

<i>Bid Submitted to</i>	VC & Managing Director TELANGANA STATE RENEWABLE ENERGY DEVELOPMENT CORPORATION LTD (TSREDCO) Corporate Office: D. No. 6-2-910, Visvesvaraya Bhavan, The Institution of Engineers Building, Khairatabad, Hyderabad - 500 004. Telangana State, India PHONE: 040-23201502 / 03, FAX : 040-23201504 E-mail : info@tsredco.telangana.gov.in , se@tsredco.telangana.gov.in
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5. PROJECT COST

5.1 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 **TSREDCO/SE/SPV/2kWp_MRO Office/2021, Dated. 28.06.2021**. 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.

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

5.3 The project cost shall remain firm and fixed and shall be binding on the Successful Bidder till completion of work for payment. 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.

5.4 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.

6. PAYMENT TERMS:

Payment will be settled as per the below:

- a) **70%** of purchase order value will be settled on installation and commissioning of systems and handing over of the systems to beneficiary dept. officials after joint inspection of TSREDCO, beneficiary dept. officials and supplier.
- b) Contractor shall submit the performance and Warranty Certificates of SPV modules as per MNRE guidelines.
- c) **30% will be paid after 3 months of Successful performance and satisfactory of the inspecting officer**, after joint inspection of TSREDCO, beneficiary dept. officials and supplier.
- d) The Contractor shall raise an Tax invoice in an acceptable form and in accordance with the rates quoted in Price Bid.
- e) Income Tax TDS, GST TDS, etc., will be deducted by the TSREDCO from all payment made to the Contractor. This will be as per the Rules and Regulations in force and in accordance with the Income Tax Act, GST Act prevailing from time to time.
- f) **TSREDCO ADMINISTRATIVE CHARGES @ 5% plus 18% GST** as applicable on the total work order value shall be deducted at the time of release of first payment.
- g) Payments will be settled only on receipt of funds from the beneficiary organization.
- h) In case the due date for filing the GST return for the period to which the invoice issued relates to is completed, then a proof for filing invoice in the GST Return and proof of payment of GST shall be submitted for release of payment. In other cases, an indemnity Bond cum undertaking in favour of TSREDCO for filing of GST Return and



Telangana State Renewable Energy Development Corporation Ltd

Tender Notice. No. TSREDCO/SE/SPV/2kWp_MRO Office/2021

payment of GST to the Government (in the format provided by TSREDCO) should be submitted for release of payment. Copy enclosed

7. TECHNICAL SPECIFICATIONS:

a) Solar PV Modules:-

The PV Modules are to be supplied and those should be as per MNRE specifications. They should fulfill the BIS and MNRE specifications. Non DCR modules can be used.

b) Structure:

Similar structure which were used for earlier 8 kWp system and necessary cables to be supply and wiring to be done. All the Civil works are to be completed as per MNRE specifications.



Telangana State Renewable Energy Development Corporation Ltd

Tender Notice. No. TSREDCO/SE/SPV/2kWp_MRO Office/2021

SECTION-IV

FINANCIAL BID

(On the official Letterhead of the firm)

(To be submitted in a separate envelope)

Supply, installation of 6no's of solar PV modules of capacity 320wp each with necessary similar structure and wiring to the existing 8kwp solar power plant with inverter capacity of 10kwp at MRO office Ramagundam, Karimnagar District.

S.no	Particulars of the works	Qty	Rate per unit (Wp) (Rupees in Figures)	Rate per unit (Wp) (Rupees in Words)	Remarks
01	Supply, installation of 6no's of solar PV modules of capacity 320wp each with necessary similar structure and wiring to the existing 8kwp solar power plant with inverter capacity of 10kwp at MRO office Ramagundam, Karimnagar District.	LS			
	Total				

Certified that:

1. The bidder shall be quoted rate in INR / Wp only up to two decimal places up to two decimal places, incl. 5years CMC period. inclusive of periodical cleaning and other requirements.
2. Above rates are in accordance with specifications & various terms & conditions mentioned in the tender document.
3. The rates are inclusive of all taxes and duties of Govt. of Telangana as well Govt. of India prevailing from time to time.
4. In the event of any discrepancy between the values entered in figures and in words, shall be considered whichever is less.

Authorized Signature:

Name:

Designation:



Telangana State Renewable Energy Development Corporation Ltd

Tender Notice. No. TSREDCO/SE/SPV/2kWp_MRO Office/2021

SECTION - V

SAMPLE FORMS & FORMATS FOR BID SUBMISSION

Format-I

Covering Letter

(The covering letter should be on the Letter Head of the Bidding Company)

BIDDERS UNDERTAKING COVERING LETTER

(Letter shall be submitted on Bidder(s) Letter Head)

Ref No:

Date:

To

The V.C & Managing Director

Telangana State Renewable Energy Development Corporation Limited (TSREDCO)

Corporate Office: D.No. 6-2-910, Visvesvaraya Bhavan,

The Institution of Engineers Building, Khairatabad, Hyderabad - 500 004.

Telangana State, India

Dear Sir,

Sub: Supply, installation of 6no's of solar PV modules of capacity 320wp each with necessary similar structure and wiring to the existing 8kwp solar power plant with inverter capacity of 10kwp at MRO office Ramagundam, Karimnagar District - reg.

Tender Reference: TSREDCO/SE/SPV/2kWp_MRO Office/2021, Dt:28.06.2021

Dear Sir,

We the undersigned....[insert name of the 'Bidder'] having read, examined and understood in detail the BID Document for Supply, installation of 6no's of solar PV modules of capacity 320wp each with necessary similar structure and wiring to the existing 8kwp solar power plant with inverter capacity of 10kwp at MRO office Ramagundam, Karimnagar District hereby submit our Bid comprising of Price Bid and Techno Commercial Bid. We confirm that neither we nor any of our Parent Company / Affiliate/Ultimate Parent Company has submitted Bid other than this Bid directly or indirectly in response to the aforesaid BID.

1. We give our unconditional acceptance to the BID, dated.....and BID Documents attached thereto, issued by TSREDCO, as amended. This shall also be construed as a token of our acceptance to the BID Documents including all its amendments and clarifications sent through Email from **se@tsredco.telangana.gov.in**.

We shall ensure that we execute such BID Documents as per the provisions of the BID and all provisions of such BID Documents shall be binding on us.

2. We have enclosed a Bid Bond of Rs.....(Insert Amount), in the form of bank guarantee no.....(Insert number of the bank guarantee) dated.....[Insert date of bank guarantee] as per Formatfrom.....(Insert name of bank providing Bid Bond) and valid up to

3. We have enclosed DD of Rs.....{Insert Amount as per Bid, in the form of DD no.....(Insert number of the DD) dated.....[Insert date of DD] from(Insert name of bank providing DD). Further, We have enclosed DD of Rs. /- (Rs. _____only) inclusive of GST, in the form of DD no.....(Insert number of the DD) dated.....[Insert date of DD] from(Insert name of bank providing DD).



Telangana State Renewable Energy Development Corporation Ltd

Tender Notice. No. TSREDCO/SE/SPV/2kWp_MRO Office/2021

We have submitted our Price Bid strictly as per this BID, without any deviations, conditions and without mentioning any assumptions or notes for the Price Bid in the said format(s).

4. We hereby unconditionally and irrevocably agree and accept that the decision made by TSREDCO in respect of any matter regarding or arising out of the BID shall be binding on us. We hereby expressly waive any and all claims in respect of Bid process.

We confirm that there are no litigations or disputes against us, which materially affect our ability to fulfil our obligations with regard to execution of projects of capacity offered by us.

5. We confirm that we have studied the provisions of the relevant Indian laws and regulations as required to enable us to submit this Bid and execute the BID Documents, in the event of our selection as Successful Bidder. We further undertake and agree that all such factors as mentioned in BID have been fully examined and considered while submitting the Bid.

6. It is confirmed that our Bid is consistent with all the requirements of submission as stated in the BID and subsequent communications from TSREDCO. The information submitted in our Bid is complete, strictly as per the requirements stipulated in the BID and is correct to the best of our knowledge and understanding. We would be solely responsible for any errors or omissions in our Bid. We confirm that all the terms and conditions of our Bid are valid for acceptance for a period of month from the Bid deadline. We confirm that we have not taken any deviation so as to be deemed non-responsive.

7. We are enclosing herewith the Envelope-I (Covering letter, Processing fee and Bid Bonds, Techno-Commercial documents) and Envelope II (Price Bid) containing duly signed formats, each one duly sealed separately, in one original as desired by you in the BID for your consideration.

8. We also agree that you reserve the right in absolute sense to reject all or any of the products/ service specified in the bid response without assigning any reason whatsoever.

9. It is hereby confirmed that I/We are entitled to act on behalf of our company/ organization and empowered to sign this document as well as such other documents, which may be required in this connection.

10. We agree to use only indigenous PV modules in this project.

11. We also declare that our Company/Organisation is not blacklisted by any of the State or Central Government and organisations of the State or Central Government.

12. We undertake to use the BOS components other than PV Modules and Solar grid tie Inverters as per the standards stipulated.

Dated the _____ day of _____, 20....

Thanking you,

We remain,

Yours faithfully,

Signature of the authorised person:

Name of the authorised person:

Designation:

Name and Address of Bidder

Stamp of bidder



Telangana State Renewable Energy Development Corporation Ltd

Tender Notice. No. TSREDCO/SE/SPV/2kWp_MRO Office/2021

Format-II

CERTIFICATE AS TO AUTHORISED SIGNATORIES

I, certify that I am (Name) (Designation), and that (Name)..... who signed the above Bid has been duly authorized to sign the same on behalf of our Organization.

Date:

Signature:

Seal:



Telangana State Renewable Energy Development Corporation Ltd

Tender Notice. No. TSREDCO/SE/SPV/2kWp_MRO Office/2021

Format-III

FORMAT FOR BANK GUARANTEE FOR - EARNEST MONEY DEPOSIT

This deed of Guarantee made on..... day of Month & Year by Name & Address of the bank (hereinafter called the „GUARANTOR“) on the one part, on behalf of M/s Name & address of the Firm (hereinafter called the “Firm“)) in favour of VC& Managing Director, TSREDCO, Hyderabad on the following terms and conditions.

Whereas the FIRM is submitting its tender for (Name of the work) and this guarantee is being made for the purpose of submission of Earnest money deposit with the tender document.

Know all people by these presents that the GUARANTOR, hereby undertake to indemnify and keep TSREDCO indemnified up to the extent of Rs.....during the validity of this bank guarantee and authorize TSREDCO to recover the same directly from the GUARANTOR. This bank guarantee herein contained shall remain in full force and effect till the expiry of its validity or till any extended period (if extended by the bank on receiving instructions from FIRM.). The liability under the guarantee shall be binding on the GUARANTOR or its successors.

Whereas the GUARANTOR further agrees that their liability under this guarantee shall not be affected by any reason of any change in the offer or its terms and conditions between the FIRM and TSREDCO with or without the consent or knowledge of the GUARANTOR.

Whereas the GUARANTOR further agrees to pay guaranteed amount hereby under or part thereof, on receipt of first written demand whenever placed by TSREDCO during the currency period of this guarantee. The GUARANTOR shall pay TSREDCO immediately without any question, demure, reservation or correspondence.

Whereas the GUARANTOR hereby agrees not to revoke this guarantee bond during its currency period except with the previous consent of TSREDCO in writing.

Notwithstanding anything contained herein

1. Our liability under this bank guarantee shall not exceed Rs.
2. This Bank guarantee shall be valid up to
3. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only against the written claim or demand on or before Sealed with the common seal of the bank on thisday of Month and Year

Witness :

- 1.
- 2.

(Signature and seal of Bank)