

NEW & RENEWABLE ENERGY DEVELOPMENT CORPN. Of A.P. LTD.,
(A State Government Company)
Regd. Office: 5-8-207/2/, Pishah Complex, Nampally, Hyderabad – 500 001,
India
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E-mail: info@nredcap.in , Website: www.nredcap.in

NREDCAP/GM(ESW)/NM/TW/42-125/2017

DATED: 15.07.2017

TENDER NOTICE

Tenders are invited for Design, Supply, Installation, Testing & Commissioning with 5 years period maintenance operation of 50 KWp (5 x 10 KWp) grid connected solar systems and 10 KWp (5 x 2 KWp) off grid solar rooftop systems under **CAPEX Route** in 5 Ashram/Residential schools of Tribal Welfare Department in Visakhapatnam District of Andhra Pradesh, under Net Metering Policy of State Government. The registered SPV suppliers/manufactures/system integrators are empanelled with NREDCAP are in the category of 6 – 100 KWp in the year 2016-18, who are having validity up to 31.03.2018 and registered suppliers who are having validity up to 31.03.2018 are eligible to participate. The interested firms may visit the web-site: www.nredcap.in for details. The last date for submission of tenders is **26.07.2017 before 3.00 PM.**

V. C. & MANAGING DIRECTOR
NREDCAP, HYDERABAD

SHORT TENDER

FOR

DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE OF 50 KWp (5 x 10 KWp) GRID CONNECTED AND 10 KWp (5 x 2KWp) OFF GRID SOLAR ROOFTOP SYSTEMS WITH NET METERING FACILITY ON ROOF TOP OF FIVE TRIBAL WELFARE ASHRAM AND RESIDENTIAL SCHOOLS IN VISAKHAPATNAM DISTRICT OF ANDHRA PRADESH STATE

UNDER

MNRE, GOI AND NET METERING POLICY OF GOVT. OF ANDHRA PRADESH

TENDER NOTICE NO:

NREDCAP/GM(ESW)/NM/TW/42-125/2017, DATED 15.07.2017

CLOSING DATE: 26.07.2017 BY 3.00 PM

**NEW & RENEWABLE ENERGY DEVELOPMENT CORPORATION OF A.P LTD.
(NREDCAP)**

5-8-207/2, PISGAH COMPLEX, NAMPALLY, HYDERABAD – 500 001

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SHORT TENDER FOR DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE OF 50 KWp (5 x 10 KWp) GRID CONNECTED AND 10 KWp (5 x 2 KWp) OFF GRID SOLAR ROOFTOP SYSTEMS WITH NET METERING FACILITY ON ROOF TOP OF FIVE TRIBAL WELFARE ASHRAM AND RESIDENTIAL SCHOOLS IN VISAKHAPATNAM DISTRICT OF ANDHRA PRADESH STATE UNDER MNRE, GOI AND NET METERING POLICY OF GOVT. OF ANDHRA PRADESH.

Sealed quotations are invited from the experienced Solar PV System Integrators for Design, Supply, Installation, Testing & commissioning with 5 years Comprehensive Maintenance (CMC) of 50 KWp (5 x 10 KWP) Grid connected Solar System and 10 KWp (5 X 2 KWp) off grid connected solar systems on roof top of 5 ashram and residential schools of Tribal Welfare Department of Andhra Pradesh. The list of schools is furnished at **Annexure – IV**.

SCOPE OF WORK

1. Design, supply, installation, testing & commissioning of 5X10 KWp grid connected solar rooftop systems with net metering facility and 5X2 KWp off grid solar rooftop systems.
2. Five years Comprehensive Maintenance (CMC). The system integrator shall undertake the site visit once in every quarter apart from attending to the service calls by the user agency.
3. Arranging enhancement of contracted load wherever required as per the norms.
4. Arranging the bi-directional meter through DISCOM and arranging net metering facility along with mandatory protection equipments as per the guidelines of DISCOMs.
5. Arranging warranties/guarantees for various components of the solar pv system as per the guidelines of MNRE, Govt. of India.

ELIGIBILITY

The bidder shall fulfill all the following conditions:

1. Shall be one of the SPV supplier/manufacturers/system integrators registered with NREDCAP or empanelled suppliers in the category of 6 – 100 KWp for the year 2016-18, having validity up to 31.03.2018.
2. The system integrator shall have the experience of supply, installation, testing and commissioning and maintenance /after sale services in the field of grid/off grid

connected solar rooftop PV systems. The system integrator shall have experience of installation of at least 100 KWp solar grid connected systems and 25 KWp off grid solar rooftop systems in the State of Andhra Pradesh in the last three years period. The relevant experience certificate shall be submitted along with tender.

3. The bidder should have annual turnover of Rupees 2.00 Crore in any one of the last 3 financial years preceding the Bid Deadline subjected to the condition that the Bidder should at least have completed one financial year.

GENERAL CONDITIONS

1. All the components of solar PV systems shall be as per MNRE specifications.
2. Necessary MNRE Test certificates/IEC approval copies are to be enclosed along with the quote.
3. The financial bid shall be submitted separately for supply and installation & commissioning.
4. The structures for installation of SPV modules shall be Hot Dipped Galvanized to withstand wind speed up to 150 KMPH. All the fasteners shall be of stainless steel only.
5. The 2 KWp off grid system shall consist of 2 KVA - 48 V inverter with 48 V 300 AH low maintenance batteries of BIS standards.
6. The Off Grid system shall be designed and connected in such a way to meet the emergency loads of the school building.
7. The guidelines of DISCOMs for arranging net metering facility shall be followed. Wherever required the contracted load shall be enhanced as per the Net metering guidelines. Necessary documentary support will be extended by the school authorities.
8. The total SPV roof top systems along with net metering facility and also Solar Off Grid systems shall be completed in all respects in all schools within 30 days from the date of issue of work order.
9. Tenderer shall submit the performance guarantee and warranty certificates for a period of 5 years for invertors and batteries and 25 years for solar PV modules as per MNRE guidelines.
10. The tenderer shall enclose demand draft for Rs.1,00,000 by way of demand draft drawn in favour of NREDCAP towards EMD. There will not be any exemption for

payment of EMD. The EMD of unsuccessful tenderers will be refunded after finalization of system integrator. The EMD of successful tenderer will be released only after execution of the project and after completion of one month successful operation of the system.

11. The bidder will be selected based on technical eligibility as per the tender conditions and total quoted price for on grid and off grid systems along with installation, commissioning and five years maintenance including taxes.
12. The quoted rates shall be valid up to 30.09.2017.

PAYMENT CONDITIONS

Payment will be released as detailed below:

1. 70% of purchase order value will be released on installation, testing and commissioning of total system including net metering facility and handing over of the systems to Authorized representatives of Ashram/Residential schools concerned. The payment will be released after receipt of funds from Tribal Welfare Department.
2. 20% will be paid after 30 days of successful performance and on receipt of funds towards eligible CFA from MNRE, New Delhi and on receipt of funds from Tribal Welfare Department.
3. Balance 10% of the contract value shall be released at the end of 5 years from the date of commissioning of the system on successful completion on CMC period duly certified by Authorized official of Tribal Welfare Department or against submission of Bank Guarantee valid for a period of 5 years from the date of commissioning of systems.
4. The invoices shall be raised in three copies duly certified by the officials of NREDCAP.

No price escalation due to any reason (including any change in the applicable taxes, duties, etc.) shall be considered by NREDCAP during the validity/extended validity of the contract period.

SUBMISSION OF OFFER

1. The quote shall be submitted in a sealed cover duly enclosing all certificates and supporting documents and shall reach NREDCAP, Hyderabad, duly super scribing on the cover as **'Offer for 50 KWp/10 KWp on grid/off grid solar rooftop systems at Ashram/Residential schools of Tribal Welfare Department in Visakhapatnam,'** to reach on or before **26.07.2017 before 3 PM**. The technical details as per Annexure – I and financial bid as per Annexure – II & III shall be submitted.
2. The tender shall accompany Tender Fee of Rs.15,000 plus GST @18% (Total amount of Rs.17,700) by way of Demand Draft drawn in favour of NREDCAP, payable at Hyderabad.
3. The sealed quotation will be opened on at 3.30 PM in the presence of Tender Committee constituted for the purpose and representatives of tenderers who wish to present.
4. The financial quotation shall be submitted in the prescribed format enclosed.
5. All the pages of this tender document shall also be signed by the authorized representative of the tenderer and enclosed with the quotation.

TECHNICAL BID

GENERAL PARTICULARS OF TENDERER

SL.	PARTICULARS	TO BE FUNISHED BY THE TENDERER
1	Name of Tenderer/Firm	
2	Postal Address	
3	E-mail address for communication	
4	Telephone/ Fax No.	
5	Name, designation, address, contact number and Email of the representative of the tenderer	
6	Nature of the firm (Individual/ Partnership/Consortium/ Pvt. Ltd /Public Ltd. Co. /Public Sector, etc.) Attach attested copy of Registration & Partnership deed/ MoA	
7	Amount and particulars of the Earnest Money Deposited.	
8	Annual Turnover and profits for last three years i.e 2014 -2017 (Attach balance sheets and certificate from CA in this regard)	
9	Name and address of the Indian/foreign collaboration if any.	
10	PAN NO (Copy of certificate to be enclosed)	
11	GST Registration no.	
12	Has the Tenderer/firm ever been debarred by any institution for undertaking any work?	

13	Any other information attached by the Tenderer (Details of Annexure / page no. where its enclosed)	
14	Does Tenderer have any relative Working in NREDCAP? If yes state the Name and designation.	

Authorised Signature:

Name:

Designation:

Name & Address of the Company

DECLARATION

(on Rs.100/- non-judicial stamp paper)

I / WE have gone through carefully all the Tender conditions and solemnly declare that I / we will abide by any penal action such as disqualification or black listing or determination of contract or any other action deemed fit, taken by, the Department against us, if it is found that the statements, documents, certificates produced by us are false / fabricated.

I / WE hereby declare that, I / we have not been blacklisted / debarred / Suspended / demoted in any Government Department in any State due to any reasons.

Authorised Signature:

Name:

Designation:

Name & Address of the Company

FINANCIAL BID – SUPPLY PART

I.GRID CONNECTED SOLR ROOFTOP SYSTEMS

Sl. No.	Description/Capacity	No. of schools	Rate (in Rs)	Amount (in Rs.)	
				in figures	in words
1	Design & supply with five years warranty of 50 KWp (5 x 10 KWp) grid connected solar PV rooftop system on roof top of five Ashram/Residential school buildings in Visakhapatnam district	5			
	GST				
	TOTAL				

II. OFF GRID CONNECTED SOLR ROOFTOP SYSTEMS

Sl. No.	Description/Capacity	No. of schools	Rate (in Rs)	Amount (in Rs.)	
				in figures	in words
1	Design & supply with five years warranty of 10 KWp (5 x 2 KWp) off grid connected solar PV rooftop system on roof top of five Ashram/Residential school buildings in Visakhapatnam district The 2 KWp off grid system shall consist of 2 KVA - 48 V inverter with 48 V 300 AH low maintenance batteries of BIS standards.	5			

	GST				
	TOTAL				

Authorised Signature:

Name:

Designation:

Name & Address of the Company

Annexure – III

**FINANCIAL BID – INSTALLATION, COMMISSIONING
FIVE YEAR MAINTENANCE**

&

I.GRID CONNECTED SOLR ROOFTOP SYSTEMS

Sl. No.	Description/Capacity	No. of schools	Rate (in Rs)	Amount (Rs.)	
				in figures	in words
1	Installation, commissioning and five year maintenance of 50 KWp (5 x 10 KWp) grid connected solar pv rooftop system on rooftop of five Ashram/Residential school buildings in Visakhapatnam district	5			
	GST				
	TOTAL				

II. OFF GRID CONNECTED SOLR ROOFTOP SYSTEMS

Sl. No.	Description/Capacity	No. of schools	Rate (in Rs)	Amount (Rs.)	
				in figures	in words
1	Installation, commissioning and five year maintenance of 10				

	KWp (5 x 2 KWp) off grid connected solar pv rooftop system on roof top of five Ashram/Residential school buildings in Visakhapatnam district	5			
	GST				
	TOTAL				

Authorised Signature:

Name:

Designation:

Name & Address of the Company

CHECKLIST TO ACOMPANY THE TENDER

S.No	Description	Whether enclosed or not
1	Copy of Contractors valid Registration/empanelment letter with NREDCAP.	Yes /No
2	Tender Fee of Rs.15,000 plus GST @18% (Total amount Rs.17,700)	Yes /No
3	Demand draft towards requisite Earnest Money Deposit (Rs 1,00,000)	Yes /No
4	Test Certificates of various components	Yes/No
5	Any other documents/certificate as specified in tender conditions	Yes /No
6	Experience Certificate (work orders of NREDCAP)	Yes /No
	Financial bid in the prescribed format	Yes/No

Authorised Signature:

Name:

Designation:

Name & Address of the Company

Annexure – IV

**LIST OF ASHRAM SCHOOLS IN VISAKHAPATNAM DISTRICT PROPOSED FOR
INSTALLATION OF GRID/OFF GRID SOLAR PV SYSTEMS**

Sl. No.	Location	Present total connected load (in KWp)	No. of service connections	Capacity proposed on grid solar roof top systems	Capacity proposed off grid solar roof top systems
1	GTW Ashram School (Boys), Kokkirapalli	4.08	3	10	2
2	GTW Ashram School (Girls), Bandhaveedhi	1.00	1	10	2

3	GTW Ashram School (Girls), Gandhinagaram, G Madugula	2.00	2	10	2
4	GTW Ashram School (Girls), Kothuru, G Madugula	11.22	6	10	2
5	GTW Ashram School (Girls), Kothuru, G Madugula	1.16	1	10	2