

INVITATION OF TENDER BIDS FOR 6 kWp ROOFTOP GRID INTERACTIVE SOLAR POWER PLANT AT ICAR RESEARCH COMPLEX FOR NEH REGION, MANIPUR CENTRE

All channel partners of MANIREDA vide empanelment order No.62/03-I/2018/RT(Pvt.)/MANIREDA dated 11/01/2019 are invited for submission of the competitive bids for supply, design, installation and commissioning of grid connected rooftop solar PV power plants as per the details mentioned below:

Tender No.	7/SPP/RT(ICAR)/MANIREDA/2019-20
Particulars of work	Supply, erection, testing and commissioning including warranty, operation & maintenance for 5 years of grid interactive rooftop solar PV power plant of 6 kWp capacity
SITE / PROJECT Location	ICAR RESEARCH COMPLEX FOR NEH REGION, MANIPUR CENTRE, Lamphelpat, Imphal – 795004
Cost of bid document (Non-refundable)	Rs.500/- (Rupees Five Hundred only in the form of DD favouring Director, MANIREDA) Bid submitted without cost of bid will be rejected
Validity of the offer	Three months from the date of empanelment
Last date & time of submission of bids document	28-06-2019 upto 1.00 PM (bid received after the due date/time will not be entertained)
Date & time of opening Financial bid	28-06-2019 upto 2.00 PM
Place of submission of bid documents and address for communication.	The Director, Manipur Renewable Energy Development Agency (MANIREDA) 2 nd Floor, South Block, Secured Office Complex, A.T.Line, Near Imphal Hotel, Imphal – 795001, Manipur. E-mail: manireda99@yahoo.com
How to submit	Bids are to be sent in a sealed envelope superscribing the Reference No. & Name of the work clearly on the envelope for Financial Bid

The bids will be opened in the presence of the bidders or their authorized representatives who choose to attend as per the terms and conditions mentioned below. No bid will be accepted after the due date and time. Even if accepted, it will be returned unopened.

During opening or evaluation, MANIREDA may at its discretion, seek the required clarification from the bidders. However, no change in prices or substance of the bid shall be sought, offered or permitted. If the bid is not substantially responsive, it will be rejected by MANIREDA and may not subsequently be made responsive by the Bidder by correction of the non-conformity. Unsigned communication / bids will not be accepted and will be rejected summarily.

All bidders can visit the site as per the convenience or on the day of opening of the tender.

1. Eligibility criteria :

1.1 The Bidder should be from amongst the Channel Partners empanelled by MANIREDA for GCRTS at different residential / institutional / social sectors in Manipur.

1.2 No price and purchase preference will be available on these projects.

2. Scope of the Work :

Work for installation of rooftop grid connected SPV power plants shall involve:

- (i) Obtaining No Objection Certificate from concerned DISCOM for grid connectivity.
- (ii) Supply, installation, commissioning and maintenance for 5 Years of roof top grid connected SPV Power Plant as per schedule given. Maintenance of Solar Photovoltaic Power Plant would include wear and tear, overhauling, machine breakdown, insurance, and replacement of defective modules, invertors, spares, consumables & other parts for a period of 5 years. Replacement of parts free of cost shall be against manufacturing defect only.
- (iii) "After sales service centre" for maintenance and performance warrantee contract for a period of 5(five) years is of prime importance and details of the Centre to be enclosed at the price bid itself. All terms and conditions laid down in the Agreement signed between the channel partners and MANIREDA for 3rd Phase shall be strictly adhered to giving emphasis on Performance and warrantee contract of 5(five) years.
- (iv) The quoted price should not be above the MNRE's benchmark cost.
- (v) MANIREDA will empanel only those firms who wish to provide their services on the lowest quoted prices which are received under this offer.
- (vi) The registered applicants under this scheme shall be free to install their projects from any firm subjected to the condition that project shall have to be installed/ commissioned as per the MNRE and MANIREDA guidelines.
- (vii) The empanelled firms will supply, erect, test and commission the Solar Power Plant and shall make all necessary arrangement for evacuation and injection of power/surplus power to the MSPDCL grid at the interconnection point.
- (viii) Grid Tied Inverters should be from brands like Fronius / ABB/ DELTA/ etc.
- (ix) Likewise, Solar Meters are also recommended to use like Genus / Secure / L&T etc.
- (x) Any minor fault shall be rectified by the Contractor within 3 days and major fault within 20 days and action taken report should be submitted to MANIREDA as soon as the fault is rectified.

3. Payment Terms :

Empanelled firms will have to receive orders from the purchaser on the rates not higher than the approved rate by MANIREDA and will get payments as under:-

- 3.1 70% amount of the work value shall be paid by the purchaser after receiving complete set of materials of the Power Plant and verification by MANIREDA.
- 3.2 15% amount of the work value shall be paid by the purchaser after completion of installation and commissioning of Solar PV Power Plant at site subject to submission of project completion report and successfully passing the performance ratio test.
- 3.3 15% of the total contract value shall be treated as performance security and shall be paid against satisfactory performance of the Solar PV Power Plant during warrantee, operation and maintenance period which includes maintaining a minimum annual

performance ratio of 75%. This amount shall be paid by the purchaser in 5 equal annual instalments, starting from completion of one year from the date of Commissioning at site. The bidder shall have to submit annual performance & functionality report to Purchaser and MANIREDA for the release of annual payments.

3.4 Tax clearance certificates of the firm should be produced as and when insisted by MANIREDA.

4. MANIREDA's Right to accept any bid and to reject any or all bids

The MANIREDA reserves the right to accept or reject any bid, and to cancel the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders.

5. SIGNING OF CONTRACT :

The successful Bidder(s) will sign a Memorandum of Agreement on the terms of contract with MANIREDA within fifteen (15) days from the date of issue of empanelment letter.

6. PROJECT IMPLEMENTATION TIME FRAME :

- i) Project is to be implemented within three months from the date of receipt of the work order.
- ii) Penalty @ 1% of the total contract value per week shall be levied if the Contractor fails to complete the work within the stipulated time mentioned and shall be deducted from the Security Deposit.

7. SYSTEM SPECIFICATION :

As specified for GCRTS in residential / institutional/ social sectors 3rd Phase. Specification can be had from the website www.manireda.com. All requirements are compulsory to be fulfilled by the tenderer and MANIREDA may also ask for any additional information as may be deemed necessary in public interest.

8. LIQUIDATED DAMAGES FOR DELAY IN COMPLETION :

If the firm fails in the due performance of the contract to deliver and commission any part of the equipment or complete the work within the scheduled date for any reason other than due to Force Majeure conditions or any extension thereof granted to him by MANIREDA, he shall be liable to pay to MANIREDA as pre-agreed liquidated damages but not by way of penalty on account of delayed successful commissioning, a sum equal to 0.25% of the total contract value per week of such delay, or part thereof, subject to maximum of 5% of the total Contract value.

The liquidated damages for delayed completion shall be recovered from the supplier's Bill/Bank Guarantee deposited as security deposit

Financial Bid

(The Format should be on the Letter Head of the firm)

Date : _____

From : _____(Insert name and address of firm)

Tel.#: Fax#: E-mail address#

To,

Director,

Manipur Renewable Energy Development Agency (MANIREDA)

2nd Floor, South Block, Secured Office Complex, A.T.Line,

Near Imphal Hotel, Imphal – 795001

Name of Work: Empanelment of the experienced firms for “Supply, erection, testing and commissioning including warranty, operation & maintenance for 5 years of grid interactive rooftop solar PV power plant of capacity 6 kWp at ICAR.

We give our unconditional financial rates in response of this Tender Document issued by MANIREDA:

Sl. No.	Particulars	Total Cost
1	Design, supply, installation and commissioning including interaction to grid and 5 years of Maintenance and Performance Warrantee Contract(MPWC) for 6 kWp GCRTS on the rooftops of the buildings at ICAR	
	A) 70% of above cost is categorised as System Cost	
	B) 15% of above cost is categorised as Installation cost	
	C) 15% of above cost is categorised as 5(five) years maintenance cost	
2	GST as per Ministry of Finance Notification No.25/2018-Integrated Tax (Rate) dated 31st Dec., 2018	
	i) 5% on 1(A) above	
	ii) 18% on 1(B) above	
	iii) 18% on 1(C) above	
3	Work Order value	
4	State Government Charges :	
	i) Labour Cess @1% on Installation	
	ii) Labour Cess @1% on MPWC	
	iii) 3% contingency on Installation	
	iv) 11.75% Agency charges on Installation	
	v) 3% contingency on MPWC	
	vi) 11.75% Agency charges on MPWC	
5	Total cost of the Project	

Signature

Name

Designation with Seal