

West Bengal Renewable Energy Development Agency
(An Organization of Department of Non-Conventional & Renewable Energy Sources Govt. of West Bengal)
BIKALPA SHAKTI BHAVAN, Plot – J1/10, Block – EP & GP,
Sector – V, Salt Lake City, Kolkata – 700 091

(Domestic competitive bidding)

NOTICE INVITING TENDER

For

Design & Engineering, Manufacture / Procurement, Testing, Supply, Installation and Commissioning of ten (10) numbers Stand Alone Solar PV Power Plants each of array capacity 10 kWp including three (3) years Comprehensive Maintenance on turnkey basis at a) Rampurhat CMOH Office b) Murarai Rural Hospital c) Paikar Rural Hospital d) Lohapur Block Primary Health Centre e) Nalhati Rural Hospital under Rampurhat Health District of District Birbhum, West Bengal

NIeT No: WBREDA /NIeT-03 /19-20DTD:29-11-19

1.1 Introduction

West Bengal Renewable Energy Development Agency herein after referred to as **WBREDA** invites e-tender (Submission of Bid through **online**) through Domestic Competitive Bidding (DCB) from eligible bidders for setting up of ten (10) numbers Stand Alone Solar PV Power Plants each of array capacity 10 kWp including three (3) years Comprehensive Maintenance on turnkey basis at **a) Rampurhat CMOH Office b) Murarai Rural Hospital c) Paikar Rural Hospital d) Lohapur Block Primary Health Centre e) Nalhati Rural Hospital** under Rampurhat Health District of District Birbhum, West Bengal

1.2 Title of the Work

Design & Engineering, Manufacture / Procurement, Testing, Supply, Installation and Commissioning of ten (10) numbers Stand Alone Solar PV Power Plants each of array capacity 10 kWp including three (3) years Comprehensive Maintenance on turnkey basis at a) Rampurhat CMOH Office b) Murarai Rural Hospital c) Paikar Rural Hospital d) Lohapur Block Primary Health Centre e) Nalhati Rural Hospital under Rampurhat Health District of District Birbhum, West Bengal

1.3 Brief Scope of the Work

The work is to be executed on turkey basis. WBREDA will not supply any material departmentally. The scope of work will include but not limited to the followings:

- (a) Site visit and Detail Technical survey at the proposed location for installation of Power Plants
- (b) Submission of technical site survey report.
- (c) Design of the system
- (d) Obtaining technical approval from WBREDA
- (e) Project Monitoring during implementation of the Project and during maintenance period.

- (f) Procurement and transportation of materials at site in properly packed condition of all equipment, materials and miscellaneous item required to complete the project
- (g) Receiving, unloading, pilfer proof and safe storage at site
- (h) Final check-up of equipment, installation, testing and commissioning of power plant and putting the system into successful functional operation.
- (i) Providing of training material to the end users during onsite training
- (j) Documentation
- (k) Handing over of power plant
- (l) Providing of routine and break down maintenance of solar PV power plants during comprehensive maintenance period.
- (m) Fulfilment of warranty obligation as may arise
- (n) The contractor shall warrant that all equipments, hardware and accessories are new, unused, most recent or current models and incorporate all recent improvements in design and in accordance with the contract documents and free from defects in material and workmanship. The contractor shall also warrant for defect free operation of the materials supplied and workmanship towards erection for a period of **thirty six (36) calendar months** commencing immediately from the date of commissioning of the Power Plant

The Complete work shall be done as per direction of Engineer-in-Charge.

In addition to facilitate the installation work following work may have to take up by the contractor as per site condition.

The activities, however, deemed to be included in the scope of work.

- i. Tit bit repairing work mainly plastering, white washing, painting, mending good damages and other related miscellaneous work etc.
- ii. Removing of rubbishes and staking the serviceable materials at suitable within a lead of around 75m and lift around of 15 m from the installation site place as directed.
- iii. Cleaning of site identified for installation of different components of the power plants as may be required

Detailed are available at the online e-tendering portal <https://wbtenders.gov.in>

1.4 Locations of Installation

Sl. No.	Location	No. of 10 kWp System
1	Rampurhat CMOH Office	02 Nos
2	Murarai Rural Hospital	03Nos.
3	Paikar Rural Hospital	01 No.
4	Lohapur Block Primary Health Centre	02 Nos
5	Nalhati Rural Hospital	02Nos
	Total	10 Nos

1.5 Validity of offer

The bids submitted by the bidder shall remain valid for a minimum period of **180 days** from the date of the opening of Technical Bid (online). However, it may have to be extended in case of exigencies with due intimation to successful bidder(s).

1.6 Total capacity of project

10 (ten) numbers 10 kWp Stand alone Solar PV Power Plant.

1.7 Estimated Cost

Estimated total project cost is **Rs. 1,32,62,712.00 (Rupees one crore thirty two lac sixty two thousand seven hundred twelve only)excluding GST**

1.8 Cost of Tender Document (Tender Fee)

Cost of Tender document is **Rs 5000.00 (Five Thousand only)**.The cost of tender document is non-refundable. The tender fee shall be remitted through online <https://wbtenders.gov.in>.

1.9 Bid Security (Earnest Money Deposit (EMD))

The Bid Security / EMD is Rs.2,65,255.00 (Rupees two lac sixty five thousand two hundred fifty five only). Necessary Earnest Money (EMD) shall be remitted through online <https://wbtenders.gov.in>.

1.10 Other Details of Tender fees and Bid Security

For e-filling, intending bidder may download the tender documents from the website <http://wbtenders.gov.in> directly with the help of Digital Signature Certificate. Necessary cost of tender documents (tender fees) and Bid Security (EMD) shall have to be remitted through online <https://wbtenders.gov.in>.If the offer is submitted without or inadequate Earnest Money (Bid Security), the bid will not be opened. Incomplete offer will be liable for rejection.

1.11 Additional Performance Security (APS)

(a) If **L1 bidder** has quoted bid rate 80% or less of the estimated cost put to the tender then additional Performance Security @10% of the tendered amount have to be submitted by the bidder in the form of Bank Guarantee from any scheduled bank within 7 working days from the date of issuance of Letter of Acceptance by the bidder.

If the bidder fails to submit the Additional Performance Security within schedule time, his EMD will be forfeited.

The Additional Performance Security shall remain valid up to Defect Liability Period of **thirty six (36) calendar months**, with an additional claim period of ninety (90) days, failing which his bid security may be forfeited.

(b) The format of Additional Performance Security is as per **Annexure 6 under Section VII**

1.12 Schedule of Dates for e-Tendering

SL. NO.	PARTICULARS	DATE & TIME
1.	Documents download start date (Online)	05.12.19from 10.00 AM
2.	Last date of uploading Pre-bid Query	14.12.19upto 5.00 PM
3.	Pre- bid Meeting	16.12.19at 3.00 PM
4.	Bid proposal submission start date (Online)	19.12.19from 04.00 PM
5.	Bid proposal Submission end date (Online)	30.12.19up to 4.00 PM.
6.	Bid opening date for Techno - Commercial proposal (Online)	03-01-20 at 1:00 PM
7.	Date of Opening of financial bid	will be intimated later on

1.13 Place of Pre-bid meeting

West Bengal Renewable Energy Development Agency (WBREDA)
Bikalpa Shakti Bhavan, J1/10, EP&GP Block,
Sector – V, Salt Lake Electronics Complex,
Kolkata – 700 091

1.14 Completion time of the work:

Six (06) months from the date of issuance of LoA (Letter of Award)

1.15 Qualifying Requirement for Bidders

The Bidder must have to meet the following minimum qualification for the work as follows:

1.15.1 General Qualification

- a) Bidder must meet the eligibility criteria independently.
- b) Bidder shall be a Company / Firm/ Company / Limited Liability Partnership / Bidder shall have legal statute as per relevant applicable law of India
- c) Bidder must have registered office in West Bengal
- d) Joint Venture and Consortium for this work will not be considered as a bidder.
- e) Bidder must be ISO 9001 certified.
- f) A Bidder shall not have a conflict of interest. Any Bidders found to be having a conflict of interest shall be disqualified. The bidder may be considered to have conflict of interest with one or more parties in this bidding process, if:
 - i. They have a controlling partner in common,
 - ii. They receive or have received any direct or indirect subsidy from any of them; or
 - iii. They have the same legal representative for purpose of this bid; or
 - iv. They have a relationship with each other, directly or through common third parties, that puts them in position to have access to information about or influence on the bid of another Bidder, or influence the decisions of the WBREDA regarding this bidding process; or

- v. A bidder submits more than one bid in the bidding process, either individually [including bid submitted as agent /authorized representative on behalf of one or more manufacturer(s) or through Licensee – Licensor route, wherever permitted as per the provision of Qualification requirement for Bidders]
 - vi. This results in disqualification of all such bids. However, this does not limit the participation of a Bidder as a sub-contractor in another Bid, or of a firm as a sub-contractor in more than one bid ; or
 - vii. A Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specification of the materials and services/works that are subject of the bid.
- g) The Bidders must have valid GST Registration, PF Registration, Profession Tax Registration and other statutory registration for execution of this project as per laws of the land.
 - h) Bidders must have Audit report , Audited Balance Sheet and Statement of Profit and Loss Account of Last three (3) consecutive financial year ending on 31st March 2019

1.15.2 **Minimum Financial Capability**

The Bidder, who intends to participate in the Bid, must have to meet the following criteria:

- a) The bidder should have a Minimum Average Annual Turnover (MAAT) **Rs. 40.00lac** during last 03 (three) consecutive financial year **ending on 31st March 2019**
- b) Bidder shall have the Liquid Asset¹ (L.A) and /or evidence of access to or availability of credit facility from bank of equivalent amount not less than **Rs. 30lac**.
- c) Net Worth² for the **last Financial year ending on 31st March 2019** should be positive.
- d) The bidder shall have Income Tax Return (ITR) Acknowledgement for Assessment Year 2019-20
- e) For the purpose of this particular bid , bidder shall meet the following minimum commercial criteria in past 7 (seven) years ending last day of month previous to the one in which NIEt are invited
 - i. Experience in **single** completed work of project execution in Solar PV Power Plant anywhere in India under order of any Government Department / Government Own Company/ Government organization/ Government Institution/ Parastatal costing not less than the amount equal to 80% of the estimated project cost.

Or

¹“**Liquid Asset**” shall mean cash & bank balance and fixed deposits in the name of the bidder as certified by a Chartered Accountant on the date not more than one month before the issuance of the tender.”

²“**Net worth**” means the aggregate value of the paid-up share capital and all reserves created out of the profits and securities premium account, after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off, as per the audited balance sheet, but does not include reserves created out of revaluation of assets, write-back of depreciation and amalgamation.

ii. Experience in two (02) completed work of project execution in Solar PV Power Plant anywhere in India under order of any Government Department / Government Own Company/ Government organization/ Government Institution/ Parastatal costing not less than the amount equal to individually 50% of the estimated project cost.

Or

iii. Experience in three (03) completed work of project execution in Solar PV Power Plant anywhere in India under order of any Government Department / Government Own Company/ Government organization/ Government Institution/ Parastatal costing not less than the amount equal to individually 40% of the estimated project cost.

1.15.3 Minimum Technical Capability

a) The Bidder shall have experience in Supply, Installation & Commissioning Stand Alone Solar PV Power plants / Hybrid type Solar PV Power Plant with battery bank having cumulative capacity of not less than **30 kWp** anywhere in India with satisfactory maintenance support for minimum **one (01) year** of the same under order of any Government Department / Government Own Company/ Government organization/ Government Institution/ Parastatal during preceding 07 (seven) years ending last day of month previous to the one in which NIEt are invited. The minimum capacity of each power plant shall be 5 kWp

b) Bidder must have well setup establishment of after sales service anywhere in West Bengal for minimum three (03) years ending last day of month previous to the one in which NIEt are invited. The establishment of the service set up must have Trade license and Professional Tax registration.

1.16 Other Information

1.16.1 WBREDA reserves the right to accept or reject any bid partly or fully or cancel the bidding without assigning any reason thereof and in such case no bidder/ intending bidder shall have any claim arising out of such action.

1.16.2 If the offer is submitted without or inadequate Bid Security (Earnest Money),the bid shall be considered as rejected. Incomplete offer will be liable for rejection.

1.16.3 A prospective bidder requiring any clarification on bidding documents may notify the WBREDA by uploading the same in the e-tendering portal, which shall be available to all the participant bidders, as per Standard Format enclosed with this document **Form-4 and Form-5** not later than the date and time specified in NIEt. The soft copy of the same must be sent in spread sheet at the mail address: **cewbredagedcl@wb.gov.in**. WBREDA will issue clarification(s) as they may think fit after pre-bid meeting prior to the deadline/ extended deadline for submission of bids prescribed by the WBREDA. Written copies of the WBREDA's response (including an explanation of the query but without identifying its source) will be uploaded in the e-tendering portal in the corrigendum folder which shall be available to all the participant bidders. Any queries sent by the bidders after the date and time notified in NIEt or any extended date, if any, shall not be entertained.

- 1.16.4** Any evidence of unfair Trade Practices including over charging ,price fixing, cartel etc .as defined in various statutes, will automatically disqualify the bidders.
- 1.16.5** If the dates of any offline activity (Pre-bid meeting, Last Date of submission of original Tender Fees, Earnest Money Deposit in original at the office etc) and opening of Technical Bid and Financial Bid fall on holidays or on days of strike or natural calamity, the dates get deferred to next working days at same hours without any further notice.
- 1.16.6** The Tender Inviting Authority reserves the right to modify, amend or supplement the Tender Document. Any corrigendum, notification concerned to this tender will be published in the e-tender portal <https://wbtenders.gov.in> and it will be part & parcel of the tender. The bidders are therefore advised to follow thee-tender portal <https://wbtenders.gov.in> for such corrigendum, notification etc.
- 1.16.7** **Joint Venture and Consortium for this work will not be considered as a bidder.**
- 1.16.8** Other information as well as terms and conditions, which are not covered in the NIeT, have been incorporated in **Instructions to Bidders (Section II)**, General Condition of Contract **(Section III)****Special Conditions of Contract (Section IV)**,**Technical specification (Section-V)** of this e-tender.

1.17 Help desk communication

You may contact with NIC help-desk for any assistance between 10:30 am to 5:30 pm in any working days (Monday to Friday). The contact details are as follows:

1. Sri. Bhaskar Rao : 9051172998
2. Md. Habbibulla Rahaman : 9874961136

1.18 Address for communication

The Chief Engineer
West Bengal Renewable Energy Development Agency
Bikalpa Shakti Bhavan, J1/10, EP&GP Block, Sector –V,
Salt Lake Electronics Complex, Kolkata – 700 091
Website : www.wbreda.org
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