

WEST BENGAL RENEWABLE ENERGY DEVELOPMENT AGENCY

TenderDocument

For

Design & engineering, manufacture / procurement, testing, supply, installation and commissioning of roof top grid connected solar PV power plants each of array capacity ranging from 10 kWp to 30 kWp of cumulative array capacity 90 kWp including five (05) years guarantee and comprehensive maintenance on turnkey basis at Baruipur Sub- Divisional Court and Burdwan District Court of West Bengal

NIT No: WBGEDCL/WBREDA/NIT -05 /16-17

Dated : 24/08/2016



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

These documents are meant for the exclusive purpose of bidding against this NIT and shall not be transferred, reproduced or otherwise used for purposes other than that for which they

are specifically issued.

Content

| Sl No | Section | Section Heading |
|--------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01. | Section –I | Notice Inviting Tender |
| 02. | Section-II | Instruction to Bidders |
| 03. | Section-III | Bid Data Sheet (Bid Data Sheet has the bid specific data for the Equipment/ Materials / Works to be procured shall amend and/or supplement the clauses in the Instructions To Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in the ITB) |
| 04. | Section -IV | General Condition of Contract |
| 05. | Section -V | Special Condition of Contract (Special Conditions of Contract (SCC) shall supplement/amend the General Conditions of Contract (GCC), Section-III. Wherever there is a conflict, the provisions in SCC shall prevail over those in the GCC.) |
| 06. | Section- VI | Technical Specification |
| 07. | Section –VIII | Forms |
| 08. | Section –VIII | Annexures |
| 09. | Section IX | Mode of Transaction |

Section I - NOTICE INVITING TENDER

West Bengal Renewable Energy Development Agency
(An organization of Department of Power and NES Government of West Bengal)
BIKALPA SHAKTI BHAVAN, Plot – J1/10, Block – EP & GP,
Sector – V, Salt Lake City, Kolkata – 700 091

ABRIDGED NOTICE INVITING e-TENDER

NIT No: WBGEDCL/WBREDA/NIT- 05 /16-17

dated: 24-08-16

WBREDA invites e-tender for “Design & engineering, manufacture / procurement, testing, supply, installation and commissioning of roof top grid connected solar PV power plants each of array capacity ranging from 10 kWp a 30 kWp of cumulative array capacity **90 kWp** including five (05) years guarantee and comprehensive maintenance on turnkey basis at Baruipur Sub- Divisional Court and Burdwan District Court of West Bengal”. Detailed NIT may be seen & downloaded from WBREDA website (www.wbreda.org).

Interested bidders may obtain bidding documents by registering themselves to the e-tendering portal (<https://wbtenders.gov.in>) and thereby downloading the bidding documents from **10.00 AM on 30-08-16** and the offer shall be submitted online up to **4.00 PM on 20-09-16**

Sd/-

Chief Engineer
WBREDA

West Bengal Renewable Energy Development Agency
(An organization of Department of Power and NES Government of West Bengal)
BIKALPA SHAKTI BHAVAN, Plot – J1/10, Block – EP & GP,
Sector – V, Salt Lake City, Kolkata – 700 091
(Domestic competitive bidding)

DETAILED NOTICE INVITING TENDER

For

Design & engineering, manufacture / procurement, testing, supply, installation and commissioning of roof top grid connected solar PV power plants each of array capacity ranging from 10 kWp to 30 kWp of cumulative array capacity 90 kWp including five (05) years guarantee and comprehensive maintenance on turnkey basis at Baruipur Sub- Divisional Court and Burdwan District Court of West Bengal

NIT No: WBGEDCL /WBREDA /NIeT-05 /16-17 DTD: 24-08-16

1.0 West Bengal Renewable Energy Development Agency herein referred to as **WBREDA** invites e-tender (Submission of Bid through **online**) through Domestic Competitive Bidding (DCB) from eligible bidders for following work:-

Name of the Work :

“Design & engineering, manufacture / procurement, testing, supply, installation and commissioning of roof top grid connected solar PV power plants each of array capacity ranging from 10 kWp a 30 kWp of cumulative array capacity 90 kWp including five (05) years guar Baruipur Sub- Divisional Court and Burdwan District Court of West Bengal”

2.0 SCOPE OF WORK : The work covered under this Tender shall be included but not limited to the following:-

A) SUPPLY:

The scope includes the following but not limited to:

Manufacture / Procurement, Supply and delivery of all the materials like PV Module, Module Mounting Structure, Grid Connected Inverters, Array Junction Boxes, Inverter LT Panel, Grid Interfacing LT Panel , Web based monitoring systems Weather Monitoring Systems, Cables, System protection and other accessories conforming to the Technical Specification as required for successful Installations commissioning Rooftop Grid Connected Solar PV Power Plants each of array capacity ranging from 10 kWp to 30 kWp of cumulative array capacity 90 kWp on turnkey basis at Baruipur Sub- Divisional Court and Burdwan District Court of West Bengal

B) ERECTION AND OTHER SEVICES:-

The scope includes the following but not limited to:

- i) Design & Engineering, Testing, Installation and Commissioning of Rooftop Grid Connected Solar PV Power Plants each of array capacity

ranging from 10 kWp to 30 kWp for cumulative array capacity 90 kWp including five (5) years guarantee and comprehensive maintenance on turnkey basis at Baruipur Sub- Divisional Court and Burdwan District Court of West Bengal

3.0 Detailed Specification, scope of supply and terms and conditions of supply are given in the bidding documents, which are available at the online e-tendering portal <https://wbtenders.gov.in>

4.0 Name of the Beneficiary organization and address

| Sl no | Name of the Beneficiary/ Site | Address |
|-------|-------------------------------|---------------------------------|
| 01 | Baruipur Sub-Division Court | Baruipur , South 24 Parganas |
| 02 | Burdwan District Court | PO: Burdwan, District : Burdwan |

5.0 Locations of Installation :

At the roof top of the different building of Bruipur Sub- Divisional Court and Burdwan District Court complex as follows:

| Sl No | Name of the Court | Nominal PV Array Capacity |
|----------|------------------------------------|---------------------------|
| A | Baruipur Sub-Division Court | |
| A.1 | Building-1 (Civil Court) | 15 kWp |
| A.2 | Building-2 (Criminal ACJM) | 10 kWp |
| A.3 | Bulding-3 (Criminal (ADJM) | 10 kWp |
| | Total -A | 35 kWp |
| B | Burdwan District Court | |
| B.1 | Building -1 (Civil Court) | 25 kWp |
| B.2 | Building - 2 (Criminal Court) | 30 kWp |
| | Total-B | 55 kWp |
| | Grand Total A+B | 90 kWp |

6.0 Estimated Cost of the Project: Rs. 72.00,000.00 (Rupees seventy two lac) only

7.0 Cost of Tender Document (Tender Fee):

Cost of Tender document is **Rs 5000.00 (Five Thousand)**. The cost of tender document is non-refundable. The tender fee may be remitted through Bank Draft / Banker's cheque issued from any scheduled commercial bank of India in favour of the "WBREDA", payable at Kolkata

8.0 Bid Security (Earnest Money Deposit (EMD)) :

The Bid Security / EMD is Rs 1,44,000.00 (Rupees one lac forty four thousand) only. Necessary Earnest Money (EMD) may be remitted through Bank Draft / Banker's cheque issued from any scheduled commercial bank India in favour of the "WBREDA", payable at Kolkata or **Bank Guarantee from any scheduled commercial bank in India**

9.0 Schedule of Dates for e-Tendering:

| SL. NO. | PARTICULARS | DATE & TIME |
|---------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Documents download start date (Online) | 30-08-16 From 10.00 PM |
| 2. | Last date of uploading Pre-bid Query | 06-09-16 upto 4.00 PM |
| 3. | Pre- bid Meeting | 07-09-16 at 3.00 PM |
| 4. | Bid proposal submission start date (Online) | 10-09-16 From 10.00 AM |
| 5. | Bid proposal Submission end date (Online) | 20-09-16 up to 4.00 PM. |
| 6. | Last Date of submission of original copies of Tender Fees Earnest Money Deposit (offline submission) | Within 22-09-16 up to 4:00PM At WBREDA, Bikalapa Shakti Bhaban”, J1/10, EP/GP Block , Sector V , Saltlake , Kolkata 700091 |
| 7. | Bid opening date for Technical proposal (Online) | 23-09-16 at 3:00 PM |
| 8. | Date of Opening of financial bid | Intimated later |

10.0 In the event of e-filling, intending bidder shall 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) amounting to **Rs. 5,000/- (Rupees five thousand) only** shall have to be remitted through Bank Draft / Banker's cheque issued from any scheduled commercial bank in India in favour of the “**WBREDA**”, payable at Kolkata and a scanned copy of the same to be uploaded. Necessary Earnest Money (EMD) shall have to be remitted through Bank Draft / Banker's cheque issued from any scheduled commercial bank in India in favour of the “**WBREDA**”, payable at Kolkata or Bank Guarantee from any scheduled commercial bank of India and also to be documented through e-filling. The original Bank Draft / Banker's cheque against tender fees and the original Bank Draft / Banker's cheque / Bank Guarantee against Earnest Money Deposit (EMD) (As statutory documents) must be submitted physically (Offline) to the Chief Engineer , WBREDA , Salt lake , Kolkata on or before the scheduled date & time as specified in the NIT.

11.0 All bids must be supported by bid security (EMD) for an amount Rs 1,44,000.00 (Rupees one lac forty four thousand) only in the form of Demand Draft /Banker's cheque drawn in favour of “WBREDA” from any scheduled commercial bank in India, payable at Kolkata, or a Bank Guarantee from any scheduled commercial bank favouring WBREDA which shall remain valid for a period of one hundred eighty (180) days from the next day of techno-commercial bid opening date with a further claim period of ninety (90) days. Bid shall be rejected by the **WBREDA** if the bidder fails to submit original Bank Draft / Banker's cheque as tender fees & original Bank Draft / Banker's cheque/Bank Guarantee as Earnest Money Deposit (EMD) physically to the Chief Engineer, WBREDA, Saltlake, Kolkata on or before the scheduled date & time as specified above

12.0 Qualifying Requirement For Bidders:

The Bidder must have to meet the following minimum qualification for rooftop grid connected PV Power Plant of cumulative PV array capacity **90kWp** as follows:

12.1 General :

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

- i) The Bidder shall be a Sole Proprietorship / Firm or Company incorporated in India under the Companies Act, 1956 or 2013 or Indian Partnership Act 1932 or LLP Act 2008

- ii) Bidders shall have to submit:
 - a) i) **For the Companies** : Audited Balance Sheet and Statement of Profit and Loss Account of Last three (3) consecutive financial years for which the audited accounts are available (period prior to financial year 2012-13 shall not be considered).
 - ii) **Other than Companies:** Tax Audit Report containing details for Last three (3) consecutive financial years (Period prior to financial year 2012-13 shall not be considered)
- b) Acknowledgement of Income Tax Return for the last three Assessment Years (period prior to Assessment year 2013-14 shall not be considered).
- c) If the bidder set up in less than 3 years period in such cases the bidder shall submit the requirements at **Sl no: 12.1 ii) a)i) or 12.1ii)a)ii)** as the case may be as specified for the balance period from the inception (it may be either be one year or two years)
- iii) The bidder **must have** valid CST/VAT/TIN, Service Tax, PF Registration

12.2 Financial Capability:

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

- i. Minimum Average Annual Turnover (MAAT) of the Bidder for last 3 (three) financial years as per **Sl no: 12.1 ii) a) or for available years as Sl no 12.1ii)c)** of this NIT shall at least **Rs. 25,00,000 (Rupees twenty five lac) only**.
- ii. Net worth as per the financial statement of the last financial year as referred in **Sl no: 12.1 ii) a) of this NIT** shall be positive.

12.3 Technical Capability

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

- a) The Bidder shall have experience in Supply, Installation & Commissioning of ground mounted and/or rooftop Solar PV Power plants at any Institution /organization /SNA /PSU/ Government Organization having cumulative capacity of not less than **60 kWp** which should have been commissioned as on the date of issuance of NIT. The minimum capacity of each Power plant must be **5 kWp**
- b) Bidder must be the Channel partner of MNRE Government of India under “**Grid Connected Rooftop and Small Solar Power Plants Programme**”.

13.0 Completion time :

Time for Completion of the total Works shall be **120 (one hundred twenty) days** from the date of LOA.

14.0 Validity of offer: Validity of the **offer 180 days from** the date of opening of the bid. However, it may be extended in case of exigencies with consent from the successful bidder(s).

- 15.0** WBREDA is not bound to accept the lowest tender. 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.
- 16.0** 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.
- 17.0** 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 10** and **Form 11** not later than the date and time specified in NIT. The soft copy of the same must be sent in Excel format at the mail address : **cewbredagedcl@gmail.com**
- 18.0** Any evidence of unfair Trade Practices including over charging, price fixing, cartel etc. as defined in various statutes, will automatically disqualify the bidders.
- 19.0** If the dates of any offline activity (Pre-bid meeting, Last Date of submission of original copies of 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.
- 20.0** 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 the e-tender portal **<https://wbtenders.gov.in>** for such corrigendum, notification etc.
- 21.0** **Technical Specification :** All the Technical Specifications are as per the Technical Specification of this NIT (**Section VI**)
- 22.0** Consortium or Joint Venture for this work will not be considered.
- 23.0** Other information as well as terms and conditions, which do not covered in the NIT, have been incorporated in **Instructions to Bidders (Section II), Bid Data Sheet (Section-III)** General Condition of Contract (**Section IV**) **Special Conditions of Contract (Section V), Technical specification (Section-VI)**, of this tender.
- 24.0** **Address For Communication**

The Chief Engineer
West Bengal Renewable Energy Development Agency
Bikalpa Shakti Bhavan, J1/10, EP&GP Block,
Sector – V, Salt Lake, Kolkata – 700 091
Website : www.wbreda.org
Contact No. +913323575038 / +913323575037
Fax No. : +913323576668
Mobile No: +919433468551
Email id : cewbredagedcl@gmail.com

Sd/-
Chief Engineer
WBREDA