

# **WEST BENGAL RENEWABLE ENERGY DEVELOPMENT AGENCY**

## **TenderDocument**

**For**

Design & engineering, manufacture / procurement, testing, supply, installation and commissioning ETC based Solar Water Heating Systems each of collector capacity 300 and 500LPD of cumulative collector capacity 31100 LPD including five (05) years guarantee and comprehensive maintenance on turnkey basis at different Govt. Homes and Hostels in West Bengal

**NIT No: WBGEDCL/WBREDA/NIT - 11/16-17**

**Dated : 01/03/2017**



**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.

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## **Section I - NOTICE INVITING TENDER**

### **West Bengal Renewable Energy Development Agency**

(An organization of Deptt. of Power and NES Govt. 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- 11/16-17**

**Dated: 01/03/2017**

WBREDA invites e-tender for “Design & engineering, manufacture / procurement, testing, supply, installation and commissioning of ETC based Solar Water Heating Systems with collector capacity 300 LPD and 500 LPD of cumulative collector capacity 31100 LPD including five (05) years guarantee and comprehensive maintenance on turnkey basis at different Govt. Homes and Hostels in West Bengal.”. Detailed NIT may be seen & downloaded from WBREDA website ([www.wbreda.org](http://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 **12.00 AM** on **03 /03 /2017**

Sd/-

Chief Engineer  
WBREDA

## **West Bengal Renewable Energy Development Agency**

(An organization of Deptt. of Power and NES Govt. of W.B)

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 ETC based Solar Water Heating Systems each of collector capacity 300 LPD and 500 LPD of cumulative collector capacity 31100 LPD including five (05) years guarantee and comprehensive maintenance on turnkey basis at different Govt. Homes and Hostels in West Bengal..”. Detailed NIT may be seen & downloaded from WBREDA website ([www.wbreda.org](http://www.wbreda.org)).

**NIT No: WBGEDCL /WBREDA /NIT- 11 /16-17 DTD: 01-03-17**

**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 :**

**2.0** “Design & engineering, manufacture / procurement, testing, supply, installation and commissioning of ETC based Solar Water Heating Systems each of collector capacity 300 LPD and 500 LPD of cumulative collector capacity 31100 LPD including five (05) years guarantee and comprehensive maintenance on turnkey basis at different Govt. Homes and Hostels in West Bengal..”. Detailed NIT may be seen & downloaded from WBREDA website ([www.wbreda.org](http://www.wbreda.org)).

**3.0 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 Solar Collector, Storage Tank, Collector & Tank mounting structure, Inlet & Out let Pipe and other accessories conforming to the Technical Specification as required for successful Installations Commissioning ETC based Solar Water Heating System each of collector capacity 300 LPD and 500 LPD of cumulative collector capacity 31100 LPD on turnkey basis at different Govt. Homes and Hostels in West Bengal

#### **B) Erection And Other Services :-**

**The scope includes the following but not limited to:**

Design & engineering , installation, testing and commissioning of ETC based Solar Water Heating Systems each of collector capacity 300 LPD and 500 LPD of cumulative collector capacity 31100 LPD including five (05) years guarantee and comprehensive maintenance on turnkey basis at different Govt. Homes and Hostels in West Bengal

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

**5.0 Locations of Installation :** Govt. Homes & Hostel in 19 ( nineteen ) Districts of West Bengal (Mentioned under Section X)

**6.0 Quoted Quantity :** Each bidder must be quoted for 16000 LPD Solar Water Heating System

**7.0 Distribution of Work**

**WBREDA will distribute the total work (31,100 LPD SWHS) in the following manner:**

i) **Cumulative 16000 LPD (Approximate)** SWHS will be awarded to L1 bidder at per lowest acceptable price schedule

ii) Balance work will be awarded to L2 and L3 Bidders if they agree to accept the lowest acceptable price schedule without compromising the quality of work and without altering the original terms and conditions of the tender following manner :

**L2: Cumulative : 8100 LPD (Approximate)** Solar Water Heating System

**L3: Cumulative : 7000 LPD (Approximate)** Solar Water Heating System

iii) If L2 or/and L3 bidders(s) do not agree to accept the lowest acceptable price schedule then other Techno-commercially qualified bidder(s) will be considered according to their ranking, subject to acceptance of the lowest acceptable price.

iv) If only one of the Techno-commercially bidder is agreed to match with the lowest acceptable price schedule, in such case **the balance work would be distributed as follows.**

a) **L1 : Cumulative 20000 LPD (Approximate)** Solar Water Heating System subject to compliance with the minimum **“Qualifying Requirement for Bidder”** for 20000 LPD Solar Water Heating System.

b) **L1 Price matching technically qualified bidder: Cumulative 11100 LPD (Approximate)** Solar Water Heating System

i) If any of the Techno-commercially qualified bidder do not agree match with the lowest acceptable price schedule, in such case the total work will be awarded to L1 Bidder subject to compliance with the minimum **“Qualifying Requirement for Bidder”** for 31100 LPD Solar Water Heating System.

**8.0 Estimated Cost of the Project:**

a) Rs.68,42,000.00 (Sixty eight lac forty two thousand only) for 31100 LPD Solar Water Heating System

b) Rs. 35,20,000.00 ( Rupees thirty five lac twenty thousand ) only for 16000 LPD Solar Water Heating System

**9.0 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 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. The cost of tender document is non refundable in any case.

**10.0 Bid Security (Earnest Money Deposit (EMD) ) :**

**The Bid Security / EMD is Rs 70,400.00 (Rupees seventy thousand four hundred 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**

## 11.0 Schedule of Dates for e-Tendering:

SL. NO.	PARTICULARS	DATE & TIME
1.	Documents download start date (Online)	<b>04-03-17 from 3.00 PM</b>
2.	Last date of uploading Pre-bid Query	<b>10-03-17 up to 4.00 PM</b>
3.	Pre- bid Meeting	<b>13-03-17 at 3.00 PM</b>
4.	Bid proposal submission start date (Online)	<b>15-03-17 from 10.00 AM</b>
5.	Bid proposal Submission end date (Online)	<b>25-03-17 up to 4.00 PM.</b>
6.	Last Date of submission of original copies of Tender Fees Earnest Money Deposit (offline submission)	<b>Within 27/3/2017 &amp; 28-03-2017 up to 4:00PM at WBREDA, Bikalapa Shakti Bhaban”, J1/10, EP/GP Block , Sector V , Saltlake , Kolkata 700091</b>
7.	Bid opening date for Technical proposal (Online)	<b>29-03-17 at 3:00 PM</b>
8.	Date of Opening of financial bid	Intimated later

**12.0** In the event of e-filing, 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-filing. 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.

**13.0 All bids must be supported by bid security (EMD) for an amount Rs 70,400.00 (Rupees seventy thousand four hundred 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 date of NIT with a further claim period of thirty (30) 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, Salt lake, Kolkata on or before the scheduled date & time as specified above

### 14.0 Qualifying Requirement For Bidders:

The Bidder must have to meet the following minimum qualification for Solar Water Heating System cumulative collector capacity 16000 LPD as follows:

#### 14.1 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 for the financial year 2013-14, 2014-15, 2015-16
  - ii) **Other than Companies:** Audited Balance Sheet and trading and Profit and Loss Account for the financial year 2013-14, 2014-15, 2015-16

- b) Acknowledgement of Income Tax Return for the Assessment Years 2014-15,2015-16, 2016-17
- c) If the bidder set up in less than 3 years period in such cases the bidder shall submit the requirements at **Sl. no: 13.1 ii) a)i) or 13.1ii)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

#### **14.2 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: 13.2 ii) a) or for available years as Sl no 13.2ii)c)** of this NIT shall at least **Rs.11,00,000 (Rupees eleven lac) only.**
- ii. Net worth shall be positive as per the financial statement of the three financial years as referred in **Sl no: 13.1 ii) a) or as per applicability for 13.1 ii) c)** (If the bidder set up in less than 3 years period) **of this NIT**
- iii. Bidder shall have the liquid asset (L.A) and /or evidence of access to or availability of credit facility of equivalent amount not less than **Rs. 7.0 Lacs**

[**“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

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

#### **14.3 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 Design, Supply, Installation & Commissioning of Solar Water Heating system at any Institution /organization /SNA /PSU/ Government Organization having cumulative capacity of not less than **5000 LPD each of minimum capacity 100 LPD** which should have been commissioned as on the date of issuance of NIT.
- b) **Bidder must have Test Certificate of Solar Water Heating System from any Government of India accredited Test Lab within last five years.**

#### **15.0 Completion time :**

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

- 16.0 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).
- 17.0** 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.
- 18.0** 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.
- 19.0** 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](mailto:cewbredagedcl@gmail.com)

- 20.0** Any evidence of unfair Trade Practices including over charging, price fixing, cartel etc. as defined in various statutes, will automatically disqualify the bidders.
- 21.0** 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.
- 22.0** 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.
- 23.0** Consortium or Joint Venture for this work will not be considered.
- 24.0** 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.

**25.0 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](http://www.wbreda.org)  
Contact No. +913323575038 / +913323575037  
Fax No. : +913323576668  
Mobile No: +919433468551  
Email id : [cewbredagedcl@gmail.com](mailto:cewbredagedcl@gmail.com)

Sd/-  
Chief Engineer  
WBREDA