

# West Bengal Green Energy Development Corporation Ltd

(A Govt. of West Bengal Company)

CIN: U40108WB2007SGC121189

: Registered & Corporate Office:

Bikalpa Shakti Bhavan, Plot-J-1/10 EP, GP Block,  
Salt Lake Electronics Complex, Sector-V, Kolkata – 700 091

Ph: 033-2357-6361 :: Website: www.wbgedcl.in :: E-mail: wbgedcl@rediffmail.com / wbgedcl2007@gmail.com

## Quotation

Quotation No. WBGEDCL/Q-13/ 24-25/284/229(BIPV)/

Dated, 16.01.2025

Sealed Quotations are hereby invited by the West Bengal Green Energy Development Corporation Limited(WBGEDCL) for from established, reliable, reputed, bonafide and resourceful eligible Vendor who are capable to supply the following items in the 30 kWp BIPV Project at Bikalpa Shakti Bhavan, EP & GP Block, Sector-V, Salt lake, Kolkata – 700 091. The contractor has to visit the site and inspect before preparing quotation. The supply of materials to be done at site but not limited to the following :

| Sl. No. | Items  |
|---------|--|
| 1.      | Kiosk  |
| 2.      | Fire Extinguisher                                  |
| 3.      | Project information Signage                        |
| 4.      | PV Array Cleaning Arrangement                      |
| 5.      | MC-4 / Tyco connector                              |
| 6.      | DC Cable   |
| 7.      | ACP & MMS (small quantity) & Glass                 |
| 8.      | Module fixing Sealant, paint and other tit bit BOS |

### Terms & Conditions:

1. Estimated cost: Rs. 98,451/-
2. Last Date & Time of submission of Quotation: 24.01.2025 up to 2.30 p.m.
3. Date & Time of opening of quotations: 24.01.2025 at 3.00 p.m.
4. Completion Time : Within 10 days from the placement of order.
5. Validity of the offer shall be 90 days from the date of opening of the financial bid. However, it may be extended in case of exigencies with consent from the successful bidder(s).
6. Variation: The supply volume may increase or decrease up to 10% of the tendered quantity based on the site condition.
7. On award of contract the contractor has to abide by all the statutory laws enforced from time to time.
8. Overall Controlling Officer and Site Controlling Officer: The Chief Engineer, WBGEDCL shall be the Controlling Officer of the Work.
9. Paying Authority: Chief-Finance & Accounts, WBGEDCL shall be the Paying Authority
10. Taxes , Duties, Levies : The quoted rate inclusive of GST. Nothing extra will be payable on this account.
11. Payment Terms: 100% payment shall be made after supply of all the materials and submission of invoices in duplicate with signed challan.
12. WBGEDCL is not bound to accept the lowest tender. WBGEDCL reserves the right to accept or reject any quotation 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 .

sd/-

(A. K. Das)  
Chief Engineer

Memo No.WBGEDCL/284/229(BIPV)/369(iii)

Dated, 16.01.2025

Copy for information to:

1. Chief-Finance & Accounts.
2. Notice Board
3. Website

  
Chief Engineer



## Technical Specification

1. Supply of Kiosk: The Array Junction Box, Solar String Inverter, Inverter LT Panel shall be installed in suitable locations in Metallic Kiosks. The kiosks must be of a suitable design, painted for avoiding rust, covered with a door and locking arrangement with good air circulation. The Kiosks must have security arrangement against theft, manhandling etc. Minimum clearance of the lower edge of the equipment from floor should be 0.5m.

|                      |  |
|----------------------|--|
| Enclosure            | Metallic   |
| Degree of Protection | IP-21 for indoor type or IP 65 for outdoor type. |
| Type of Fixing       | Ground/Wall mounted as applicable                |

The contractor shall submit details of Material and Design of the Kiosk with their Detailed Design Report for according approval.

Necessary civil work as required to construct/fixing the Kiosk(s) shall be done by the contractor. If any civil construction is required for installing the whole arrangement, as and where required, it will be within the cost of contract value.

2. Fire Extinguisher [5 kg ABC type dry power portable IS13849/IS 15683 (with latest amendments)].
3. **Project information Signage:** The Signage will be made up of MS Sheet (20 SWG) of minimum size 4'x 3' in a suitable frame. The Signage provide with detail of the project as approved by WBGEDCL. The font size on the signage has to be big enough so that everyone can read it easily. The Signage will be fixed up two (02) prominent place of the project area.

### Schematic Diagram:

Schematic Diagram of Installation must be provided on a display board of minimum size 3'x 2' made up of metallic base with a suitable frame. The schematic diagram must be fixed up at any prominent place of installation.

### Safety Signage:

Safety Signage must be provided indicating the level and type of voltage and symbols as per IE Rule at different position as may be required. In the safety signage Voltage level and type of voltage must be mentioned.

**Each set of Safety Signage contain minimum 06 (six) nos. safety signage:**

| Location                         | Quantity  |
|----------------------------------|---|
| PV Array Field                   | Minimum 2 nos. (made up of ACP base)            |
| On PV Array JB                   | 01 no. (Sticker/ printed on IIP)                |
| Near Inverters                   | 01 No (made up of ACP base)                     |
| On Inverter Interfacing LT Panel | 01 no. (Sticker/ printed on IIP)                |
| On Grid interfacing Panel        | 01 no. (Sticker/ printed on IIP)                |
| On Export /Import Meter          | 01 no. (Sticker/ printed on IIP) [ Solar Meter] |

**Equipment marking is to be done.**

4. **PV Array Cleaning Arrangement: Auto cleaning system to be designed and submitted to WBGEDCL for approval.** Necessary equipment and water supply lines are to be designed & provided with a suitable number of outlets in the array field to facilitate automatic easy cleaning of the PV-Modules. Equipment to be supplied but not limited to the following:
  1. One Aluminium Ladder (3 Mtr min) for ease of execution work and maintenance work.
  2. One number Pump (as required as per design).
  3. Sprinkler system as required, so that every SPV Module automatically gets washed & cleaned with water.
  4. Appropriate Wiper (2 nos).

5. MC-4 / Tyco connector- IP 67 having IEC 62852 certification.

6. DC Cable as may be required (approx. 300 Mtrs).

|   |
|---|
| Tinned annealed stranded flexible copper according to IEC 60228 class 5 |
|---|

|   |
|---|
| PV-1F / 2 PFG 1169/08.2007 / VDE Standard E PV 01:2008-02 / EN 50618/Equivalent |
|---|

7. ACP & MMS (small quantity) and glass as may be required.

8. Module fixing Sealant, paint, and other tit bit BOS as may be required for completion of the project.



**Bid Form**  
(To be submitted by bidders on official letter head of the company)

Ref. No:

Date:

To,  
The Chief Engineer,  
WBGEDCL  
Bikalpa Sakti Bhaban,  
Plot :J1/10, Block : EP-GP ,  
Sector -V , Saltlake ,  
Kolkata -700091

**Subject : Quotation for Supply of materials as mentioned in Quotation No.**  
..... Dated, .....

Sir,

I, the undersigned, being the authorized signatory of .....( Name of the Bidder), having read and examined in detail the quotation including terms and conditions as said forth in your quotation .

1. I/We confirm having submitted the eligible criteria as required by you in your quotation along with this proposal. In case you require any further information or clarification in this regard, I/we agree to furnish the same in time.
2. A blank photocopy copy of the quotation duly signed is also submitted as a proof of our acceptance of all specifications as well as terms and conditions.

3. Our contact details related to this tender are as follows:

| Information                | Local office |
|----------------------------|--------------|
| Name of the Contact Person |              |
| Designation                |              |
| Telephone No               |              |
| Mobile No                  |              |
| Email Address              |              |

4. I/We confirm that our bid in response to the quotation is consistent with all the requirements of submission as stated in the quotation document and subsequent communications from WBGEDCL.
5. I/We have neither made any statement nor provided any information in this Bid, which to the best of our knowledge is materially inaccurate or misleading. Further, all the confirmations, declarations and representations made in our Bid are true and accurate.
6. I/We declare that the submitted our offer is without any deviations and are strictly in conformity with the documents issued by WBGEDCL.
7. I/We declare that content of the Tender Document including NIT and subsequent corrigendum, addendum, if any, are acceptable to us and we have not taken any deviation in this regard. This is to expressly certify that our offer contains **no deviation** either in direct or indirect form.
8. I/We also declare that in case any deviations are noticed which might have crept inadvertently, that such deviations without reservation of any kind are automatically deemed to have been withdrawn by us.
9. If you accept my/our offer, I/we agree to complete the entire work in accordance with work completion time given in the quotation. I/We fully understand that the work completion time stipulated in is the essence of the contract, if awarded.

10. I/We also declare that, I/we have never been blacklisted and / or there were no debarring actions against us as on date due to any reason what-so-ever, by any Government or Government Agencies. In the event of any such information pertaining to the aforesaid matter found at any point of time either during the course of the contract or at the bidding stage, our bid/contract will be liable for truncation / cancellation / termination without any notice at the sole discretion of WBGEDCL.

**Company Seal :**

**Name :**

**Signature**

**Designation:**

**Enclosure of the quotation:**

1. PAN
  2. GST Registration Certificate
  3. Trade Licence
-

(To be submitted by bidders on official letter head of the Bidder)

Price Schedule (BOQ)

Quotation Inviting Authority : CHIEF ENGINEER, WBGEDCL

Nature of Work: Supply the items in the 30 kWp BIPV Project at Bikalpa Shakti Bhavan.

Quotation No.

Bidder  
Name :

| Sl.<br>No. | Description of work                                | Rate per<br>unit<br>including<br>GST<br>(in. Rs.) | Total Amount<br>including GST<br>(in. Rs.) |
|------------|--|---|--|
| 1          | Kiosk  |   |  |
| 2          | Fire Extinguisher                                  |   |  |
| 3          | Project information Signage                        |   |  |
| 4          | PV Array Cleaning Arrangement                      |   |  |
| 5          | MC-4 / Tyco connector                              |   |  |
| 6          | DC Cable   |   |  |
| 7          | ACP & MMS (small quantity) & Glass                 |   |  |
| 8          | Module fixing Sealant, paint and other tit bit BOS |   |  |

Rupees .....

Sign & Seal of the Bidder