

**Notice Inviting Tender Ref No. NSV/24-25/3634 15.03.2024**

Sealed Quotation / Tender are invited by the President / Secretary of Nav Sansad Vihar CGHS Ltd from the specialized firms for the below noted work, which should reach the Society Office on or before 27/03/2024 at 03.30 PM and shall be opened on the same day at 04.00 PM, with nill tender cost.

**Schedule of work****Subject : Supply, Installation, Testing & Commissioning of 25.3 KWP Roof top Solar Power Plant at NSV.**

Sl. No.	Item Description	Unit	Qty.	Rate	Amount
	<b>Expansion Joint Treatment</b>				
1	Supplying, installation, testing and commissioning of 25.3Kwp on-grid solar roof top system comprising of mono Crystalline Tier-I PV Module with 33kw inverter complete with all , prefabricated HDGL elevated supporting structure with minimum height of 8ftor more with all accessories, connectors including making earthing connection with the existing system, minor civil work ,plastering and white washing , making holes, complete grouting of structure, DB connections complete etc as required as per specifications of equipments as under:				
	a) Solar PV Modules : 530 WP to 570 WP mono Crystalline Tier-I PV Modules.				
	b) Solar Panel Mounting Structure : Galvanized Steel structure up to 8.5 ft clearance as per the roof design, made of C-Channel, 75x40x 2mm thick- 1 lot				
	c) Wires & Cables : DC Solar Cable made of Tinned Copper, UV/whether resistant of equivalent capacity 4 Sqmm single core Earthing Cable: Min 6sqmm single core copper for both AC/DC side 01 Lot.				
	d) Electrical Accessories : Electrical Accessories include: Copper Thimbles Lightening Arrestor Connectors & Dis-Connectors Cables Ties / Wire Clips/ Conduits Other accessories as required of desired strength and capacity 01 lot				
	e) Hardware Accessories : Hardware Accessories include: Nuts & bolts (SS) Fasteners GI wires Clamps/fixtures Other accessories as required of desired strength and capacity 01 Lot	<b>Job</b>	<b>1 Job</b>		
	<b>TOTAL</b>				

	<b>GST / IGST @18%</b>			
	<b>Grand Total</b>			

<b>Terms &amp; Conditions</b>
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1. The work should be carried out in neat and clean manner without disturbing any other system.
2. No freight charges will be paid by the owner.
3. Payment terms: - Advance- 25%, at the time of delivery of materials-35%, Completion of installation- 25%, Testing and handing over the system – 15%.
4. The work should be completed within 45 working days from the date of issue of work order.
5. The contractor will give warranty of 18 months for the satisfactory operation of solar plant.
6. The contractor will give manufacturer warranty of 10 years on product workman ship/ or against any manufacturing defect. 10 years warranty for 90% output and 25 years warranty for 80% output.  
Subsidy claimed on this account shall be passed on to the society. The contractor will facilitate in getting the subsidy claim approved from Ministry of renewable energy e.g. GoI. All formalities what so ever shall be completed by the contractor before completion of work .
7. No T&P will be issued by the society.
8. All the materials shall be supplied in good condition and any damaged material supplied at the site should not be used.
9. All the catalogues, guarantee cards and completion plan should be submitted with final invoice.
10. The contractor will submit the layout plan of the solar plant complete with single line diagram indicating all the connection, inter-connections to the owner before execution. The system should be executed only after approval of the drawings.
11. The contractor will use the existing earth connection after ascertaining the residual voltage between earth and neutral and Electrical Inspector safety approval shall be arranged by the contractor.
12. The contractor will use only specified makes as per quotation.
  - (a) PV modules Havells /Adani /Navitas / Premier / Tata
  - (b) Wire (Polycab / Finolex / Havells / KEI).
  - (c) C channel (Essar/Jindal).
  - (d) Nut Bolt (Galvanized and good quality)
  - (e) Inverter 33kw Luminous/Sungrow/Havells/ABB/ Growatt
13. The contractor will ensure guaranteed generation produced by the system and if the recorded generation is less than guaranteed generation the firm will compensate for the lost generation @ Rs 8/unit.
14. The contract is for complete solar system, nothing on any account shall be paid extra, and all miscellaneous items are deemed to have been included in the offer nothing extra on any account shall be paid. The contractor will also include the length of the cable from inverter to panel and solar modules to inverter.
15. The Contractor will provide the mount structure details. In case elevated structure is not required in the scheme than contractor will specifically after rebate for the same in their bid.