

BIDHAN CHANDRA KRISI VISWAVIDYALAYA
COLLEGE OF AGRICULTURE, BCKV, BURDWAN SADAR

Dr. (Prof.) Gora Chand Hazra
Associate Dean



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Memo No- COA/BWN/ 195 / 2025-26

Dated: 02.03.2026

Tender for repairing of two solar pumps at COA, Burdwan.

Two existing solar pumps installed in the farm of College of Agriculture, Burdwan long ago. For repairing and making functional those pumps the following items should supplied and installed for making functional. Name of the items and quantity required is mentioned below.

The reputed organizations are requested to submit the quotation for installing and making functional of the two said pumps on or before 16th March, 2026. Name of the materials and quantity is listed below.

Sl.No.	Material	Specifications	Quantity	Unit
1.	Solar Module	Solar Module: Supply of ISI marked Solar Modules as per following specification: 1. Cell: poly crystalline silicon SPV cells 2. Solar Module: polycrystalline cell. 3. Standards: ISI marked as per IS 14286 and having certification of IEC 61853{1}, 61730(1&2), 61710 4. Modules must qualify to IS 170210 (Part 1) 5. Min. Efficiency: 17%. 6. Fill factor: More than 75% . 7. Module wattage mismatch in the SPV array: within $\pm 3\%$ 8. Wattage output warranty: Should not be less than 90% at the end of 10 years and 80% at the end of 25 years. 9. The power output of Individual PV modules used in the PV array, under STC: minimum 300 Wp. Necessary test certificates also to be supplied.	1	Nos

2.	Solar Pump Controller	<p>Power conditioning unit with enclosure: Supply of Solar Power conditioning Unit consisting of following components and features:</p> <ol style="list-style-type: none"> 1) Variable frequency Drive with inbuilt MPPT, voltage range suitable for operating pump-motor set of 5HP 2) Power input: AC/DC source of hybrid for 5 HP and above 3) Incomer: DC MCB 2 pole 16 amp upto 5 HP, 4) Incomer: AC MCB 4 pole 16 ampfor 5.0 HP, as per IS/IEC 60947-2 5) Type II DC SPD of 40 KA 6) Type II AC SPD of 40 KA for AC/DC or Hybrid input. 7) Dual input (solar/Grid) 25 amp changeover switch for 5HP 8) Should have built-in EMC filters. 9) IP 65 glands for cable in and out. 10)Min. IP 54 enclosure. Make:- ABB/ Delta 	2	Nos
3.	Transportation	Material Transport from Manufacturer Office to Agriculture College .	1	Nos
4.	Man Power Mobilization	Manpower for 2 Nos Solar VFD and associated connection works.	2	Nos

The sealed quotation must reach to the office of the Associate Dean, college of Agriculture, Burdwan Sadar (Administrative building), Agriculture Farm Gate No-1, Kalna Road, Burdwan, 713101 on or before 16.03.2026 at 5.00 pm sharp.

Gora Chand Harna
Associate Dean
Memo No: CA/ BWN/195/2025-26

Dated: 02/03/2026

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Gora Chand Hazra
Associate Dean 2/3/26