

**TENDER FORM FOR****Supply & Installation of 5kW Solar Power System in the Schools of Jaisalmer, Rajasthan**

REF.: BISLD /JS /SOLAR FOR SCHOLAR/2026-27/-

Date: 22.04.2026

To  
The Chief Programme Executive

BAIF INSTITUTE FOR SUSTAINABLE LIVELIHOODS AND DEVELOPMENT  
BAIF Bhawan, G-Block, Sector-14, Hiran Magri, Udaipur  
Rajasthan

**Sub: Invitation for Rate for Supply & Installation of 5kW Solar Power System in 12 Schools of Jaisalmer, Rajasthan.**

Dear Sir,

With reference to your advertisement in the ..... dated....., our Firm/Company wants to quote the rate for the above mentioned item as per the terms & conditions mentioned below and in the following schools:

1. Govt. Girls Sr. Sec. School, Ramgarh
2. Govt. Primary School Kamiyo Ki Dhani Hansul
3. Govt. Sec. Upadhyay Sanskrit School Ramgarh
4. Govt. Sr. Sec. School Bhojraj Ki Dhani Ramgarh
5. Govt. Sr. Sec. School Netsi
6. Govt. Sr. Sec. School Raghwa
7. Govt. Sr. Sec. School Ramgarh
8. Govt. Sr. Sec. School Seuwa
9. Govt. Upper Primary School Hema
10. Govt. Upper Primary School Nawal Singh Ki Dhani, Shahid Guman Singh
11. Govt. Sr. Sec. School Joga, Shahid Raman Lal Meghwal
12. Govt. Sr. Sec. School Ramgarh

1. Name of the Party:

2. Address:

3. Telephone No.

4. PAN No.

5. GST/Sales Tax Reg. No.

6. Earnest Money of 5% of tender value must be submitted by Demand Draft /Cheque in favour of "BAIF INSTITUTE FOR SUSTAINABLE LIVELIHOODS AND DEVELOPMENT, Rajasthan." payable in Udaipur.

Draft / Cheque No.

Dated

## Terms &amp; Conditions:

**PART A: TECHNICAL BID**  
**Quotation / Tender Value**

I am ready to undertake the following items of work (please provide the rates on the letterhead of the Organisation/firm).

Part No.	Description of Equipment /Component	Make	Specifications	Unit	Qty. per School	Total Basic Amount	GST Rate	GST Amt.	Total Price
Topcon 590W	Solar Modules	Luminous	Topcon 590Wp/620 Wp Solar Panel	No.	1				
Solarverter Pro 5kVA/48V	Solarverter Pro	Luminous	Solarverter Pro 5kVA/48V	No.	1				
LPTT12200H	Battery	Luminous	Battery - 12V, 200Ah Battery Bank	No.	1				
	Solar Module Mounting Structure	Hot Dip Galv	Hot Dip GI Module Mounting Structure Assembly to mount 9 in No. of 590/620Wp	Set	1				
					1				
	WIFI Router		Secureye Wifi Router - \$G Sim-based Router	No.	1				
	Battery stand with rubber mat (Optional)	Reputed	The elevation height of the battery rack should be 4 inches above the floor and should be made of close MS structure 120 microns. L - Angle geometry Profile L - Angle thickness - 5 mm L- Angle LxB - 35 x 35mm Hexagonal Nut - M8x20mm Hexagonal bolt - M8x6mm Strips - 25 x 4 mm Enclosure door with Lock and Key (Wood supports are not to be used) In the battery rack, each joint should be assembled with GI nut and bolt assembly (welding of any sort should be avoided).	No.	1				
S3-WIFI-ST	Wifi dongle of luminous	Luminous	Luminous WIFI dongle	No.	1				
	Sim card	Reputed	SIM Card with 24 months data	No.	1				
					1				
	MC4 Connectors	Reputed	MC4 Connectors (Male-Female Pair) suitable for 4 Sq.mm Cable	No.	1				
	Hdpe pipe and Accesaries	Reputed	Pipe, Band elbow, Socket etc (Select Pipe as per No. of strings)	Mts	1				
	PVC flexible pipe	Reputed	PVC Flexible Pipe	Mts	1				
	PV junction box ( 3 in 1 Out)								
	Enclosure	Reputed	Enclosure - IP67 Protection	No.	1				
	DC Fuse with Base	Mersen/Reputed	20A ,1000VDC fuse	No.	1				

	Terminal	Reputed	10 Sq mm terminal	No.	1				
	Stopper	Reputed	Stopper terminal	No.	1				
BJ2050DC	DC MCB	Schneider/ L&K	2P 50A DC MCB	No.	1				
A9L40271	DC SPD	Schneider/ L&K/Reput ed	type-2,40kA Surge protection device	No.	1				
	<b>Combiner Box (Inside Battery Box)</b>								
BF206300 / A9N61537	DC MCB / Isolator	Schneider/ L&K	DC MCB/Isolator - 50A ,2P	No.	1				
A9N2P25D	AC MCB	Schneider/ L&K	AC MCB -25A 2P	No.	1				
A9N2P32D	AC MCB	Schneider/ L&K	AC MCB -32A 2P	No.	1				
	<b>AC Distribution Box</b>			No.					
A9HSND08	Enclosure	Schneider / L&K	Acti9 Enclosure - 8 Modules - Junction box		1				
A9N2P40D	AC MCB	Schneider / L&K	40A 2 P MCB	No.	1				
AUSP121PN50/A 9L08500	AC SPD	Schneider / L&K	Type 2 Surge protection device, 2P	No.	1				
	Earth link	Reputed	Earth Link	No.	1				
	Terminal	Reputed	10 Sq mm terminal	No.	1				
AUC00204000	Changeover	Schneider / L&K	MCB Type Changeover - 32A	No.	1				
	<b>Cabling</b>								
	Panel to AJB	Polycab/ KEI/ Finolex	UV cable - 4Sqmm - 1 core copper	Mts	1				
	AJB to inverter	Polycab/ KEI/ Finolex	UV cable - 10Sqmm - 1 core copper	Mts	1				
	Inv to battery	Polycab/ KEI/ Finolex	16 sq mm Copper cable	Mts	1				
	PCU to AC DB, AC DB to Switch Board	Polycab/ KEI/ Finolex	6 Sq.mm, 2 Core, Unarmoured Flexible Multistrand copper Cable	Mts	1				
	<b>Connector and Lugs</b>								
	Lugs & Connector	Reputed	Terminal, Pin type, for 10 Sqmm cable	No.	1				
	Lugs	Reputed	M8 ring lugs suitable for 16 Sq mm cable (for battery wiring)	No.	1				
	Load Plug	Reputed	3-Pin Plug to connect load	No.	1				
	Lugs & Connector	Reputed	Terminal, Pin type, for 2.5 Sqmm cable	No.	1				
	<b>Lightening Protection</b>				1				
	Lightening Arrester	Reputed	Spikes types	No.	1				
	Elevation Pipe for LA	Reputed	3-meter Height- Anodized pipe	No.	1				
	Earthing Rod	Reputed	1000mm Earthing Rod	No.	1				
	Earthing Pit Cover	Reputed	Chemical earthing powder- 50kg	No.	1				
	Chemical Earthing Powder	Reputed		No.	1				
	Earth strip	Reputed	Earthing strip -25x5 mm	Mts	1				
	1.5sqmm Copper Green Wire	Polycab	1.5 Sq.mm,1 core, Copper Conductors - Green wire (Internal Wiring)	Mts	1				
	6sqmm Copper Green Wire	Polycab	6 Sq.mm,1 core, Bare Solid Copper wire	Mts	1				
	Civil Work	Reputed	Civil Work	No.	1				

	Electrical Work	Reputed	Electrical Work	No.	1				
	Transportn.	Reputed	Transportation	Set	1				
	Vendor Margin	Reputed	Management, Installation and Commissioning Charges and Services	No.	1				

1. Solar system components must have the following Standards
2. Latest updated GST Certificate (Enclosed document No. ....)
3. Latest updated Income Tax Return Certificate (Enclose Document No. ....)
4. The value of Solar Installation work experience you have gained in the last 3 years (in Rupees) The value of Solar Installation work experience you have gained in the last 3 years (in Rupees)
5. The installation shall be executed in two phases — **7 Solar power system in Q2 (April–June 2026) and 5 Solar power system in Q3 (July–September 2026).**
6. Solar system components must conform to MNRE/BIS standards.
7. Solar panels — 25 years or Manufacturer Policy performance warranty; Inverter & Battery— As per Manufacturer Policy.
8. Installation must comply with CEA Regulations 2010.
9. The authority reserves the right to terminate the contract of any agency in case of any change in the Organisational procedures/unsatisfactory services.

**Eligibility Criteria:**

1. Security against Tender by demand draft/ cheque of Rs. 5% of Quoted amount should be attached with Technical BID in favour of **BAIF INSTITUTE FOR SUSTAINABLE LIVELIHOODS AND DEVELOPMENT, Rajasthan.** payable in Udaipur.
2. In case of any shortfall in the above documents, BIDS will be treated as disallowed and earnest money will be returned without interest.
3. The BISLD RAJASTHAN Management reserves the right to reject the tender / part of the tender without giving any reason.

**Our Organisation/Firm agrees to the above terms & condition for the Technical BID.**

Thanks & Regards

(SEAL)-----

(Authorised Signatory)

## PART B: FINANCIAL BID

1. Separate sealed envelope should contain the Financial BID.
2. The tender must indicate the offered price clearly (Rs. /Lumpsum/Components) in words and in figures on the letterhead of the Organisation/firm. The Rate to be quoted for 2026-27 (Enclosed Document No. ....). There will not be any revision in the Price during the validity period of the tender.
3. The rate (offer price) should be quoted as per the specifications mentioned. Price should be quoted without tax and with tax separately.
4. As the Safety Wall (Supply & Installation of Solar Power System At 12 schools of Jaisalmer, Rajasthan, the Rate of tender (FOR work) should also be mentioned separately.
5. The rate contract will be valid up to 31<sup>th</sup> March 2027. No escalation in price will be entertained during the validity of the tender.
6. If the firm fails to complete the work within the stipulated time mentioned in the work order, BISLD will be free to get the work done by an alternative source in the open market and the difference in amount will be deducted from the amount payable to the firm as security money.
7. If there is delay in completion of the work and it is not completed within the stipulated time, the tender will be terminated and the entire security money will have to be forfeited.
8. The bid should be submitted by 29<sup>th</sup> April 2026 and by 4:00 pm.
9. In case of any queries, please contact Dr. Dinesh Prasad, Project Coordinator over 9412026022
10. In case of any shortfall of the above documents, the BID will be disqualified and the earnest money will be returned without interest.
11. BISLD RAJASTHAN Management reserves the right to reject any tender or part of the tender without showing any reason.
12. You are requested to provide your offer on or before 29<sup>th</sup> April 2026 in the name of BAIF Institute for Sustainable Livelihoods and Development -Rajasthan only at the above address or mail it to [tender.bisldrajasthan@baif.org.in](mailto:tender.bisldrajasthan@baif.org.in) in a password protected file.

All disputes are subject to Udaipur jurisdiction only.

Our Organisation / Firm agrees with the above terms & conditions for financial BID.

Thanking You  
With regards

(SEAL)

(Authorised Signatory)

**Name & Designation:**  
**Shri Surendra Verdia, Chief Programme Executive**

