

**INVITATION FOR QUOTATIONS OF 3 SOLAR IRRIGATION SYSTEMS INSTALLATION**

O.No.: -

Date: 23/05/2022

You are invited to submit your most competitive quotation for the following products:

**Brief Description of the product:-**

Sr. No.	Materials	Specifications	Qty	Delivery period	Place of delivery
1	Solar Submersible AC Pump & Motor	5.0 HP (AC), Deliver water -4.6 LPS for 42.55 M Head Make: Shakti, Warranty- 5 Years, MODEL NO- SOLAR 19 SSP 4800 / SOLAR 18 SSP 4800	1	Within 7 days	Location: - Kelipani Village: Kandha Ta. Vansda Dist.Navsari Gujarat
2	Solar Pump Controller	5 HP, Make: Shakti, Warranty- 5 Years			
3	Solar PV Modules	Wp -335Wp x 16 Nos =5360 Wp, Type- Poly, Make- Anchor Panasonic, Warranty- 25 Years			
4	Module mounting structure	Type- Fixed type, Hot Dip Galvanized Structure with minimum 80-micron, air Velocity- 150 KM/H, Height 5 ft, All Nut & Bolts- SS, Qty- 1 Set			
5	Inter Connecting Cables	Type- DC, Size- 4 sq. mm, Copper, Make: Anchor-Panasonic / Polycab, Qty- As per system design			
6	DCDB	Enclosure- Transparent, 280*190*130, IP 65, SPD-Type-2,1000V, DC MCB- 16A,2P, 400V, Fuse Holder & Fuse- 15A, Qty- 2 Set, Make- Anchor- Panasonic ( <b>CITEL, Siemens, Hager /Elemax</b> )			
7	Lightning Arrester with its Earthing	LA type- Spice type LA, earthing type-Copper plate, thickness- 3 mm, size 2' x 2', HDG Pole Mounted 5 M Heights, Make- power track, Qty- 1 Set			
8	Separate Earthing for Controller and DCDB	Earthing type-Copper plate, thickness- 3 mm, size 2' x 2', Make- Power track, Qty- 2 Set			
9	Submersible Cable	Copper, 4 Sq.mm, 3 Core, Length- 50 M, ISI Mark, Make- Anchor -Panasonic			
10	HDPE Suction Pipe	Up to Well bed level Top, Size- 75 mm, PN 6, PE 63 Grade, Make- ISI Length- 50 M			
11	AMC	Comprehensive maintenance service for 2 years			
12	Plot Fencing	12.0*8.0 Sq Mt GI chain link fencing of size 50 x 50 x 3 mm thickness ISI mark with vertical 4" cement concrete pole (Pole height- 7 Fts & distance between pole- 2 M) and RCC concrete beam for support of vertical pole (Size- W-8" & H-12")			
13. Electrical fitting materials and accessories & System Testing, Installation: As per basis on site req.					
14. Insurance Policy					
i. Burglary & Housebreaking Policy ii. Machinery Breakdown Insurance Policy iii. Standard Fire and Special Perils Policy					

Sr. No.	Materials	Specifications	Qty	Delivery period	Place of delivery
1	Solar Submersible AC Pump & Motor	5.0 HP (AC), Deliver water –6.5 LPS for 29.48 M Head Make: Shakti, Warranty- 5 Years MODEL NO-SOLAR 23.5 SSP 4800	1	Within 7 days	Location: - Bari Faliya Village: Kandha Ta. Vansda Dist.Navsari Gujarat
2	Solar Pump Controller	5 HP, Make: Shakti, Warranty- 5 Years			
3	Solar PV Modules	Wp –335Wp x 16 Nos =5360 Wp, Type- Poly, Make- Anchor- Panasonic, Warranty- 25 Years			
4	Module mounting structure	Type- Fixed type, Hot Dip Galvanized Structure with minimum 80-micron, air Velocity- 150 KM/H, Height 5 ft, All Nut & Bolts- SS, Qty- 1 Set			
5	Inter Connecting Cables	Type- DC, Size- 4 sq. mm, Copper, Make: Anchor- Panasonic / Polycab, Qty- As per system design			
6	DCDB	Enclosure- Transparent, 280*190*130, IP 65, SPD- Type-2,1000V, DC MCB- 16A,2P, 400V, Fuse Holder & Fuse- 15A, Qty- 2 Set, Make- Anchor- Panasonic ( <b>CITEL, Siemens, Hager / Elemax</b> )			
7	Lightning Arrester with its Earthing	LA type- Spice type LA, earthing type-Copper plate, thickness- 3 mm, size 2' x 2', HDG Pole Mounted 5 M Heights, Make- power track, Qty- 1 Set			
8	Separate Earthing for Controller and DCDB	Earthing type-Copper plate, thickness- 3 mm, size 2' x 2', Make- Power track, Qty- 2 Set			
9	Submersible Cable	Copper, 4 Sq.mm, 3 Core, Length- 50 M, ISI Mark, Make- Anchor -Panasonic			
10	HDPE Suction Pipe	Up to Well bed level Top, Size- 75 mm, PN 6, PE 63 Grade, Make- ISI Length- 50 M			
11	AMC	Comprehensive maintenance service for 2 years			
12	Plot Fencing	12.0*8.0 Sq Mt GI chain link fencing of size 50 x 50 x 3 mm thickness ISI mark with vertical 4" cement concrete pole (Pole height- 7 Fts & distance between pole- 2 M) and RCC concrete beam for support of vertical pole (Size- W-8" & H-12")			
13. Electrical fitting materials and accessories & System Testing, Installation: As per basis on site req.					
14. Insurance Policy					
<ul style="list-style-type: none"> <li>i. Burglary &amp; Housebreaking Policy</li> <li>i. Machinery Breakdown Insurance Policy</li> <li>ii. Standard Fire and Special Perils Policy</li> </ul>					

Sr. No.	Materials	Specifications	Qty	Delivery period	Place of delivery
1	Solar Submersible AC Pump & Motor	20.00 HP (AC), Deliver water -16.28 LPS for 55.60 M Head Make: Shakti, Warranty- 5 Years MODEL NO- SOLAR 81 SSP 18000	1	Within 7 days	Location: - Nichala Faliya Village: Nirpan Ta. Vansda Dist.Navsari Gujarat
2	Solar Pump Controller	20 HP, Make: Shakti, Warranty- 5 Years			
3	Solar PV Modules	Wp -335Wp x 66 Nos =22,110 Wp, Type- Poly, Make-Anchor Panasonic, Warranty- 25 Years			
4	Module mounting structure	Type- Fixed type, Hot Dip Galvanized Structure with minimum 80-micron, air Velocity- 150 KM/H, Height 5 ft, All Nut & Bolts- SS, Qty- 1 Set			
5	Inter Connecting Cables	Type- DC, Size- 6 sq. mm, Copper, Make: Anchor- Panasonic / Polycab Qty- As per system design			
6	DCDB	Enclosure- Transparent, 280*190*130, IP 65, SPD- Type-2,1000V, DC MCB- 32A,2P, 400V, Fuse Holder & Fuse- 32A, Qty- 2 Set, Make- Anchor- Panasonic ( <b>CITEL, Siemens, Hager / Elemax</b> )			
7	Lightning Arrester with its Earthing	LA type- Spice type LA, earthing type-Copper plate, thickness- 3 mm, size 2' x 2', HDG Pole Mounted 5 M Heights, Make- power track, Qty- 1 Set			
8	Separate Earthing for Controller and DCDB	Earthing type-Copper plate, thickness- 3 mm, size 2' x 2', Make- Power track, Qty- 2 Set			
9	Submersible Cable	Copper, 10 Sq.mm, 3 Core, Length- 150 M, ISI Mark, Make- Anchor -Panasonic			
10	Output Chock	Make- Shakti, Qty- 1 Set			
11	DC Junction Box	As Per MNRE Standards			
12	HDPE Suction Pipe	Up to Well bed level Top, Size- 110 mm, PN 8, PE 63 Grade, Make- ISI Length- 150 M			
13	AMC	Comprehensive maintenance service for 2 years			
14	Plot Fencing	27*25 Sq Mt GI chain link fencing of size 50 x 50 x 3 mm thickness ISI mark with vertical 4" cement concrete pole (Pole height- 7 Fts & distance between pole- 2 M) and RCC concrete beam for support of vertical pole (Size- W-8" & H-12")			
15. Electrical fitting materials and accessories & System Testing, Installation: As per basis on site req.					
16. Insurance Policy					
i. Burglary & Housebreaking Policy ii. Machinery Breakdown Insurance Policy iii. Standard Fire and Special Perils Policy					

**Description of the Product: - 3 Solar Lift Irrigation Scheme** As above mentioned

**1. Quoted Price:**

- a. The Quotation shall be for valid up 31<sup>st</sup> May 2022 for the above-described products.
- b. The bidder shall quote for goods / services in the format of quotation attached;
- c. All duties, taxes, F.O.R. and other levies payable by the bidder shall be included in the goods / services and shall stand final.
- d. The rates quoted for each goods / service shall be fixed for the duration of the quotation validity and shall not be subject to adjustment.
- e. Corrections if any shall be made by crossing out, initialing, dating and rewriting.
- f. The prices shall be quoted in Indian Rupees only

**2. Each bidder must submit only one quotation. Bidder shall not contact other bidders in matters relating to this Quotation**

**3. Validity of quotations:**

The quotation shall remain valid for up to 31<sup>st</sup> May 2022 after the deadline fixed for submission of quotations.

**Evaluation of quotations:**

Purchaser will evaluate and compare the quotations determined to be substantially responsive

i.e., which are properly signed, and conform to the terms & conditions and specifications in the following manner.

- a. The evaluation will be done excluding the GST.
- b. The evaluation would be done for all the goods / services put together. The items for which no rates have been quoted would be treated as zero and the total amount would be computed accordingly. We will award the contract to the responsive bidder whose total cost for all the items put together is the lowest.
- c. Compare terms & conditions and specifications

**4. Award of contract:**

- a. Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest price as per Para 4(b) above.
- b. Purchaser prior to the expiration of the quotation validity period will notify the bidder whose quotation is accepted of the award of contract. The terms of the accepted offer shall be incorporated in the Purchase Order or Work Order.
- c. Notwithstanding the above, purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of the contract.

5. Payment shall be made immediately within 7 days after delivery of goods/services.

6. Normal commercial guarantee / warranty shall be applicable to the supplied goods/ services.

**7. Submission of quotations:**

Please send your quotation by email on [procurement.sg@baif.org.in](mailto:procurement.sg@baif.org.in) .Please mention quotation for “3 **SOLAR IRRIGATION SCHEME**” in the subject of mail.

(Quotation should be scan and duly stamped on letterhead of firm.)

- **Last date of Submission is 31/05/2022** Latest by 5:30 p.m.
- Address: **BAIF Institute for Sustainable Livelihoods and Development, "DHRUVA-Vrindavan Campus", Lachhkadi, PO Gangpur, Tal. Vandsa, Dist. Navsari - 396580, Gujarat**

We look forward to receiving your quotations.

Yours Sincerely,

*V. B. Dyasa*

**V. B. Dyasa**

**Regional**

**Director BISLD,**

**West Region**

**Encl.:** Format of Quotation

