

## BAIF Development Research Foundation

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### TENDER FOR QUOTATIONS FOR SOLAR LIFT IRRIGATION SCHEME

O. No. O.NO.BAIF/NASHIK/257024

Date: 29.01.2024

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

Brief Description of the Product	Qty (No.)	Place of Delivery	Expected Month for Delivery of Material & Installation
<u>Solar-Lift Irrigation Scheme</u> As per Details (Annexures 1-4)	1	Village: Wasali Tal. Igatpuri Dist. Nashik	Feb. 2024

Detailed Description of the Product: - SOLAR LIFT IRRIGATION SCHEME  
As above

**1. Quoted Price:**

- The contract shall be valid up to 28.02.2024 for the above described products.
- The bidder shall quote for goods / services in the attached format only.
- All duties, taxes, F.O.R. and other levies payable by the bidder shall be included in the goods / services and shall stand final.
- The rates quoted for each good/service shall be fixed for the duration of the contract and shall not be subject to adjustment.
- Corrections if any, shall be made by crossing out, initialing, dating and rewriting.
- The prices shall be quoted in Indian Rupees only
- The work quantity may vary.
- Estimate is subject to change in future Orders
- Bidder has to mention location (s) of work where service can be provided.

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

**3. Validity of Quotation:**

The quotation shall remain valid up to 28.02.2024

**4. Evaluation of Quotation:**

Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which are properly signed and conform to the terms and conditions and specifications in the following manner.

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

**5. 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 expiry of the validity period of the quotation will notify the bidder whose quotation has been accepted for award of contract. The terms of the accepted offer shall be incorporated in the Purchase Order or Work Order.
- c. Notwithstanding the above, the purchaser reserves the right to accept or reject any quotation and to cancel the bidding process and reject all quotations any time prior to the award of the contract.

6. Payment shall be made after 15 days of delivery of goods

7. Normal commercial guarantee / warranty shall be applicable to the supplied goods and its installation.

**8. Cost of Procurement Processing:**

The bidder shall pay a "Tender Fee" of Rs. 590/- (including GST) only through "SB Collect" system. Detailed process is enclosed as Annexure. Transaction No. and date are to be mentioned while submitting the bid/quotation.

**9. Earnest Money Deposit:**

EMD for this tender will be 2% of the total cost of the PO. BAIF Nashik will compare all the bids and the Purchase Committee will award a contract to L1. L1 will be informed of the selection for supply of goods/services by E-mail. L1 has to transfer the EMD amount within two working days and inform about the Transaction No. and date by return E-mail. After confirmation of EMD amount being deposited in BAIF Bank Account, BAIF will issue the Purchase Order/Work Order. In case of failure to pay EMD, BAIF Purchase Committee reserves the right to decide further course of action. The same will be refunded (interest free) after obtaining the work completion report of the total scope of work or guarantee/warranty period, for at least one monsoon season period whichever is applicable. The earnest money shall be liable to be forfeited, if the successful bidder, after submitting the tender rescinds from or modifies the offer after acceptance of the tender.

After acceptance of Work Order/Purchase Order and payment of EMD, if work is not completed or material is not supplied within the validity period of the Work Order/Purchase

### 10. Submission of Quotations:

- We look forward to receiving your quotation.

U. B. Dyasa

### Encl.: Format of Quotation

### FORMAT OF QUOTATION

Sr. No.	Description of Goods	Specifications	Qty.	Unit	Quoted Unit Price	Total Amount
		<b>Total</b>				
		<b>Taxes @ .....% (if any)</b>				
		<b>Grand Total</b>				

1. Tax Registration No. -
2. Transport -
3. HSN Code-
4. Validity of Quotation -
5. Warranty/Guarantee -
6. Expiry date of the material (wherever applicable) -
7. MSME Registration - Yes/No

Signature with Stamp of Firm  
Name of Authorized signatory

1. No Cash / Cheque will be accepted
2. Vendor / Bidder who wish to participate in the Tender process of BAIF Nashik has to pay the Tender Fee only through the following online process before the Tender opening meeting at BAIF Nashik
3. Purchase Dept. will inform the concerned Vendor about the selection as "L1" and then the concerned Vendor has to make an online payment of EMD and inform the Transaction No. to the Purchase Dept. Nashik.
4. Purchase Dept. will confirm receipt of amount in BAIF SBI Nashik Bank A/c from Nashik A/c Dept.
5. Purchase Dept. will issue a PO / WO to L1 Vendor.
6. Accounts Dept. will issue a receipt to all the vendors against receipt of Tender Fee and EMD
7. Vendor / Bidder **may or may not have** bank a/c with State Bank of India. In this case, online payments will be acceptable (this facility applies to both SBI Non-Account holder as well as SBI Account holder).
8. Please visit [www.onlinesbi.com](http://www.onlinesbi.com)
9. Click on SB Collect → SBI
10. Tick mark ✓ box and click on proceed, to accept the terms
11. Select "All India" at State of Corporate and then select "Charitable Institution" at Type of Corporate
12. Select "BAIF" at Charitable Institution
13. You will see "BAIF" name as a logo **BAIF** with Nashik office Address. Select payment category as "Tender Fee" or "EMD".
14. A one-page form will open and the concerned vendor has to fill in the required details such as Name of Firm, Proprietor, Mobile No., E-mail Address, Amount and Name of item/service quoted, etc.
15. Confirm the details as above
16. Vendor / bidder has the following options to make online payment of Tender Fee / EMD
  - a. SBI Net Banking
  - b. Other Bank Net Banking
  - c. Debit Card
  - d. Credit Card
  - e. Pre-paid Card
  - f. BHIM UPI
  - g. NEFT / RTGS
17. After making the payment, the vendor/bidder will receive an online receipt, E-mail from SBI as well as Transaction No. as confirmation of payment
18. Vendor / Bidder has to inform the "Transaction No." and "Amount" to the Purchase Dept. Nashik immediately through E-mail and also at the time of submitting the quotation in case of Tender Fee and before receiving PO / WO in case of EMD.

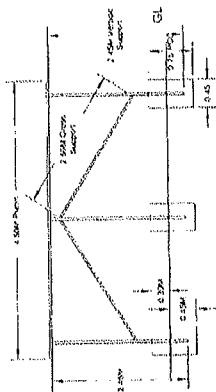
<b>Name of Scheme: Lift irrigation Scheme</b>					
<b>Name of Village: Wasali, Tal. Igatpuri, Dist. Nashik.</b>					
<b>Annexure – I</b>					
<b>Estimate for Rising Main</b>					
<b>Sr. No.</b>	<b>Particulars</b>	<b>Quantity.</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount Rs.</b>
1	Excavation for foundation / pipe trenches in earth, soils of all types, sand, gravel, soft murum and hard murum including removing the excavated material up to a distance of 50 meters and lifts as below, stacking and spreading as directed, normal dewatering, preparing the bed for foundation and excluding backfilling, etc. complete. Rising Main line pump to outlet+ distribution	716.85	Cum		
2	<b>Distribution Line</b> -Excavation for foundation / pipe trenches in earth, soils of all types, sand, gravel, soft murum and hard murum including removing the excavated material up to a distance of 50 meters and lifts as below, stacking and spreading as directed, normal dewatering, preparing the bed for foundation and excluding backfilling, etc. complete. <b>Rising Main line pump to outlet+ distribution</b>	202.50	Cum		
3	Providing and supplying in standard lengths Polyethylene Pipes, confirming to IS 4984 /14151 / 12786 / 13488 with necessary jointing material like mechanical connector i.e. thread/insert joint/quick release coupler joint/compression fitting joint or flanged joint excluding coupler/specials, including transportation and freight charges, inspection charges, loading / unloading charges, conveyance to the departmental stores and stacking the same in closed shade duly protecting from sun rays and rain, excluding GST levied by GOI & GOM in all respect etc. complete.90 mm 8 kg				
	IX H. D. P. E. pipes PE-80, 110mm, 10kg. / Sq. cm - Make Jain	300.00	Rmt		
	IX H. D. P. E. pipes PE-63, 110mm, 8kg. / Sq. cm - Make Jain	450.00	Rmt		
	H.D.P.E pipes PE-63, 110mm, 6Kg / sq.cm - Make Jain	1020.00	Rmt		
	IX H. D. P. E. pipes PE-100 75 mm, 6kg. / Sq. cm - Make Jain	500.00	Rmt		
4	Lowering, Laying and Jointing H. D. P. E pipes in proper position including all specials by compression fitting/electrofusion and butt fusion jointing procedure as per relevant IS Code complete with all materials for jointing procedure like Electrofusion machine, Electric heater/butt fusion welding machine with hydraulic jack, top loading clamp etc. and all labours as directed by engineer in charge as per IS-7634 Part II for all classes.				
	IX H. D. P. E. pipes PE-80, 110mm, 10kg. / Sq. cm - Make Jain	300.00	Rmt		
	IX H. D. P. E. pipes PE-63, 110mm, 8kg. / Sq. cm - Make Jain	450.00	Rmt		
	H.D.P.E pipes PE-63, 110mm, 6Kg / sq.cm - Make Jain	1020.00	Rmt		
	IX H. D. P. E. pipes PE-100 75 mm, 6kg. / Sq. cm - Make Jain	500.00	Rmt		

Sr. No.	Particulars	Quantity.	Unit	Rate	Amount Rs.
5	Providing and supplying ISI mark CI D/F reflux valves (non-return valves) of following Dia including railway freight, inspection charges, unloading from railway wagon, loading into truck, transportation up to departmental stores, unloading, stacking excluding GST levied by GOI & GOM in all respect etc. complete. Reflux valves as per I.S.5312 Part I (1984) 80 MM				
	100 MM	3.00	No.		
6	Lowering, laying and jointing in position following C.I.D/F Reflex valves, Butterfly valves and Sluice valves including cost of all labour jointing material, including nut bolts and giving satisfactory hydraulic testing etc. complete (Rate for all class of valves) 80 MM.				
	100 MM	3.00	No.		
7	Providing and supplying Air Valves as per IS- 14845-2000 and MJP's standard specifications of approved make and quality of following diameters including railway freight, inspection charges, unloading from railway wagons, loading into truck, transportation up to departmental stores, unloading and stacking excluding GST levied by GOI & GOM in all respect etc. complete. Air Valve Single Ball Flanged / Screwed Type - PN -1, 25 mm.	9.00	No.		
8	Lowering, laying and fixing in proper alignment and position all types of C.I. air valves as directed by Engineer-in-charge including cost of conveyance from stores to site of work, cost of all material and giving satisfactory hydraulic testing, etc. complete (for all class of valves). 25 mm	9.00	No.		
9	Refilling the trenches with available excavated stuff with soft material first over pipeline and then hard material in 15 cm layers with all leads and lifts including consolidation, surcharging, etc. complete. (20 % earth sliding is considered) Rising Main line pump to outlet	716.85	Cum		
10	<b>Distribution Line</b> -Refilling the trenches with available excavated stuff with soft material first over pipeline and then hard material in 15 cm layers with all leads and lifts including consolidation, surcharging, etc. complete. (20 % earth sliding is considered) Distribution Line	202.50	Cum		
11	Brass Drain Wall	1.00	No.		
12	Digital Water meter	1.00	No.		
13	Water Delivery points	8.00	No.		
	<b>Total</b>				
	<b>GST 18%</b>				
	<b>GRAND TOTAL</b>				

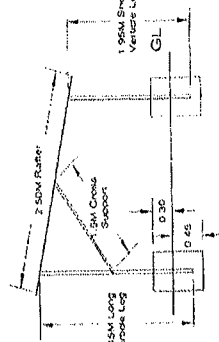
<b>Name of Scheme: Lift irrigation Scheme</b>						
<b>Name of Village: Wasali, Tal. Igatpuri, Dist. Nashik.</b>						
<b>Estimate of Solar Pump</b>				<b>Annexure - II</b>		
<b>Sr. No.</b>	<b>Particulars</b>	<b>Specifications</b>	<b>Unit</b>	<b>Qty. (Set)</b>	<b>Unit Rate</b>	<b>Total Amount (Rs.)</b>
1	Solar Panels	335 Wp, 38 No., Total-12730 Wp. Type- Poly, with 25-Year Warranty, Make - Panasonic	Wp	12730		
2	Solar Sub. DC Pump	Solar Sub. DC Pump & Motor- 12.5 HP, 459 LPM for 74 M Head, With 5 Year Warranty. Proposed Model: SOLAR 23 DCSSP 11250 DC Submersible Pump 12.5 HP LPS 7.56, Head: 74 m	No.	1		
3	Solar Pump Controller	12.5 HP, 1 No., With Warranty -5 Year, Make-Shakti				
4	Module Mounting Structure	Should be angle section fixed and tilt type made of galvanized iron (GI) with 80-micron thickness, wind velocity capacity of 150 KMPH, having silver colour vertical legs are 75*40*4mm channel section. All rafter angles should be 50*50*5mm angle, and purlins should be 40*40*50mm. All cross supports are 40*40*5mm angle section fully prefabricated and assembled with GI fasteners and should be hot dip galvanized, m in height of the panel from GL must be 1.5 meters with the vertical leg supported the PV module rechannel, the thickness of vertical support and rafter = 3.5mm thick, purlin thickness= 3mm, depth of column in ground= 1.5ft, Length and width of the column in ground=0.45*0.45m. The number of vertical legs supported by the PV module should be 24. All nut & bolt (for single mounting unit, six vertical legs of 75*40*4mm, four purlins of 40*40*5mm, and three rafters of 50*50*5mm) 38 solar panels require 4 mounting units (Details Given in Model Mounting Sheet).	No.	12730		
5	Inner Connecting Cable-	DC, 6 Sq.m, make a polycab	m	20		
6	DCDB	Enclosure box - dimensions 280mm *190mm*130mm = 1 No., 3 Pole SPD 1000V, 63 A DC MCB, 16A Fuse & Fuse Holder = 2 No. each, Make of protection devices = Phoenix/Citel/CHNT/EATON	No.	1		

Sr. No.	Particulars	Specifications	Unit	Qty (Set)	Unit Rate	Total Amount (Rs.)
7	Lighting Arrestor Set	As per MNRE norms	No.	1		
8	Earthing for LA, Controller and DCDB	As per MNRE norms	No.	2		
9	Sub. Cable	Copper, 6 sq.mm, 1 core, 90 m, polycab	M	90		
10	High Density Pipe	HDPE PE32 PN4 DN32	M	40		
11	Electrical Fitting material & accessories	Make - Anchor	No.	1		
12	Transportation	All material to site	No.	1		
13	System Testing	System Testing, Commissioning of system, 5 years' service, Installation, Integration (2 times in year for five year)	No.	10		
14	Warranty and AMC for PV module and pump set	PV module should be 10 years product warranty and 25 years power output warranty for pump set and controller warranty should be 2 years.	No.	1		
14	Danger Board	0.30x0.20 m GI sheet 2 mm thickness with properly indicating & Highlighted "Danger "- word & Sign of Danger) with fitting.	No.	1		
16	concrete curing of module mounting column	Model mounting concrete curing daily twice for ten days@0.5 person day.	Days	5		
	<b>Total Amount (Rs.)</b>					
	<b>GST (Item 1&amp; 2) 12%</b>					
	<b>GST (Item 4To 16) 18%</b>					
	<b>Total Cost</b>					

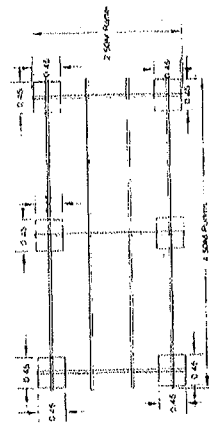




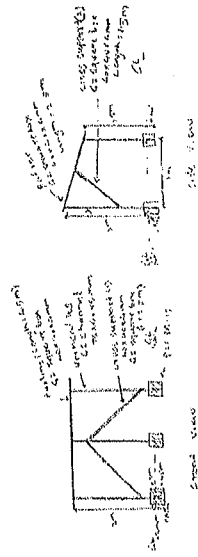
Front View



Side View



Top View



تاریخ: ۱۴۰۲/۰۵/۰۵



*Cryptogramma japonica*, var. *spectabilis*