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Central Soil Salinity Research Institute
(A Unit of Indian Council of Agril. Research)
Zarifa Farm, Kachhwa Road,
Karnal-132001 (Haryana), India
An ISO 9001:2015 Certified Institute
GST NO: 06AAAAI1830P1ZN



**LIMITED TENDER FOR INSTALLATION OF SOLAR POWERED DRIP
IRRIGATION SYSTEM**

Regd. Post

No.P-3 (40)/DIS/2021-22/3022

Dated: 20.10.2021

22

M/s

Sub: Invitation of Quotation for supply of following items.

Item	Delivery Place	Quantity	EMD	Due date and Time for Submission of Tender
Installation of Solar powered drip irrigation system at CSSRI, Karnal Specifications as per Annexure-I	CSSRI, Karnal	For 01 acre	NIL	11.11.2021 @2:30 hrs

Dears Sirs,

You are hereby invited to submit the sealed quotation for the supply of above item as per specifications enclosed on the following Terms & Conditions. The quotation must reach at this office on or before **11.11.2021 upto 2.30 P.M.** in the name of **Director, Central Soil Salinity Research Institute, Zarifa Farm, Kachhwa Road, Karnal-132001 (Haryana)**. The quotations will be opened on **11.11.2021 at 3.00 P.M.**

TERMS & CONDITIONS:

1. The quotation must be sealed. The quotation reference No./nature or work and due date should invariably be super scribed on the envelope cover.
2. The quotation must be accompanied with EMD, if any as mentioned in above table in the form of Demand Draft in favour of 'ICAR-UNIT-CSSRI', Karnal payable at Karnal. The quotations without EMD shall not be entertained.

3. **The delivery shall be F.O.R. CSSRI, Karnal.**
4. Rates must be inclusive of all taxes and no C&D form will be provided. In case it is not possible to quote lumpsum rate then all the components of the cost must be quoted in the quotation only. Request for reimbursement of any other charges/additional charges other than those included in the bid shall not be entertained after opening of bids.
5. Brochures/Leaflet of the products is required to be enclosed with the quotation.
6. **Warranty/Guarantee period** of the item must be indicated in clear terms. The warranty/guarantee shall be counted from the date of satisfactory installation/receipt of the material.
7. **Authorization certificate of manufacturer must be attached.**
8. The quotation may also be downloaded from the Institute website www.cssri.res.in
9. The successful quotee has to supply the material within 3-4 weeks from the date of issue of supply order.
10. The payment will be made on the bill basis after receipt of the material.
11. Director CSSRI, Karnal has the right to cancel the quotations without assigning any reason.
12. Photostate copy of the latest income tax clearance certificate and a copy of GST/PAN/TIN may be provided.
13. It is compulsory to mention the full bank details i.e. Bank Account No./Bank name/IFSC code of the firm for smooth transaction of payment.
14. The quotation will be opened on date as prescribed above in the presence of the representatives of the firms. Those who are willing to attend the bid opening process must have authorization letter of the firm for attending bid opening meeting.
15. All other terms & conditions as mentioned in GCC and Purchase Manual issued by Ministry of Finance vide letter dated 31.8.2006 shall apply.


20/10/2021
Asstt. Admn. Officer

Copy to:

1. Dr. Gajender, Chairman, Tender opening committee
2. Sh. S.K. Dahiya, OIC (Security)
3. Dr. Kailash Prajat, OIC (Farm) for information
4. ✓ Sh. Khushwant, Technician (Computer) with request to upload the document on the Institute website.

Annexure-I

Technical specifications of Solar powered Drip irrigation system (Suitable for sub-surface lying):

Sr.No	Item Description	Unit cost (Apprx. Quantity) required
A	PVC Pipes	
1	PVC PIPE 075MM X 04 Kg/cm ² (ISI mark)	Per metre (Appr. 50 mtr)
2	PVC PIPE 063MM X 04 Kg/cm ² (ISI mark)	Per metre (Appr. 140 Mtr)
B	Filter and Fertigation Equipment	
1	Hydrocyclon Filter 25m ³ /hr	Per Unit
2	Screen/Disc filter 25m ³ /hr	Per Unit
3	Venturay Assembly Complete 1"	Per Unit
4	Sand Filter 25 m ³ /hr	Per Unit
C	Inline Drip	
1	Tube OD 16 mm	Per metre (Appr. 200 mtr)
2	Drip Line 16mm with capacity of 1.6 to 2.0 LPH, 30cm emitter spacing (Pressure compensating as per SSD requirement)	Per metre (Appr. 7000 mtr)
D	Valves & Accessories	As per requirement
E	Freight, Installation, head unit fitting, Drip fitting, plate form for filters etc.	As per requirement
F	Trenching of Pipe & Dripline in sub-surface	As per requirement

*The approximate length may increase or decrease as per area and lateral spacing.

(ii) Specifications of Solar Powered Pumping system

- (1) Solar panel, capacity of 335 W, ISI mark: 9 Nos.
- (2) 3.3 KVA solar controller (DC-DC 3phase converter) with box and stand: One
- (3) Mono-block DC pump set, Capacity 3 HP, 2800 rpm, discharge rate of >200 liters/minute: One
- (4) DCDB, 32 AMP with 6 mm wire: One
- (5) GI pipe, 40 mm: 5 meter and 100mm: 10feet
- (6) Heavy duty mounting frame (Approx. size: 10 feet x 12 feet), approx. weight 150 kg: one
- (7) Required Accessories: as per requirement

Additional information to be sought from the bidder:

1. Bidder should attach the compliance sheet against each item as yes or no.
2. Item wise detailed information/brochures (make, specifications etc.) for each of requisite item should be attached with the bid.