



पादप कार्यिकी संभाग
DIVISION OF PLANT PHYSIOLOGY
भा.कृ.अ.प.-भारतीय कृषि अनुसंधान संस्थान
ICAR-Indian Agricultural Research Institute
नई दिल्ली-110012 (भारत)
NEW DELHI - 110 012 (INDIA)



File No: 50-23/WWETS/20-21/NAHEP(71-01)

Date: 19/02/2021

To

As per List Attached

Dear Sirs,

**Sub : INVITATION FOR QUOTATIONS FOR SUPPLY OF
Waste Water Effluent Treatment System**

1. You are invited to submit your most competitive quotation for the following goods:-

Brief Description of the Goods	Specifications *	Quantity	Delivery Period	Place of Delivery	Installation Requirement if any
Waste Water Effluent Treatment System	Annexure - A	01	90 days after issue of Purchase/Supply Order	Division of Plant Physiology, IARI, Pusa Campus, New Delhi - 110012	As per terms and conditions.

* Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only.

2. Government of India has received a financing from the World Bank towards the cost of the _____ Project and intends to apply part of the proceeds of this financing to eligible payments under the contract for which this invitation for quotations is issued.

3. **Bid Price**

- The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.

- c) Sales tax in connection with the sale shall be shown separately.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) The Prices shall be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation. Bidder shall not contact other Bidders in matters relating to this Quotation.

5. **Validity of Quotation**

Quotation shall remain valid for a period not less than 15 days after the deadline date specified for submission.

6. **Evaluation of Quotations**

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) are properly signed ; and
- (b) conform to the terms and conditions, and specifications.

The Quotations would be evaluated for all the item together/would be evaluated separately for each item. *[Select one of the options]*.

Sales tax in connection with sale of goods shall not be taken into account in evaluation.

7. **Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

7.1 Notwithstanding the above, the 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 contract.

7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the supply order.

8. Payment shall be made immediately after delivery of the goods.

9. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.
10. You are requested to provide your offer latest by **13.00 hours on 06/03/2021** .
11. We look forward to receiving your quotations and thank you for your interest in this project.

(Purchaser)

Name: Assistant Admn. Officer.

Address: Division of Plant Physiology,
IARI, Pusa Campus,
New Delhi - 110012

Tel. No. 011 25842815.

Fax No.

FORMAT OF QUOTATION

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						In Figures	In Words
1.							
TOTAL							
Sales Tax							

Gross Total Cost : Rs.

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs.(amount in figures) (Rs. amount in words) within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee of months shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices (as defined in the prevailing World Bank's sanctions procedures) in competing for or in performing the Contract.

Signature of Supplier

* *Applicable while the bids are being invited for more than one item and would be evaluated for all the items together.*

Modify where evaluation would be made for each item separately.

Annexure -A

Technical Specifications

Specifications for 1 KLD ETP (Waste Water Effluent Treatment Plant/System)

Sr. No.	Description	Quantity
1.	Bar Screen (SS 304 grade)	1 Nos
2.	Effluent Transfer Pump- 1 HP- (highest quality ISI make)	1 Nos
3.	Chemical Dosing Tank- with Air Dispensing valves.	3 Nos
4.	Settler Cum reaction Tank- MS Fabricated with inside Epoxy coating.	2 Nos
5.	Clear Water Tank 500L	1 Nos
6.	Clear Water transfer Pump 1 HP (highest quality ISI make)	1 Nos
7.	Carbon Filter with FRP Vessel with Media	1 Nos
8.	Sand Filter with FRP Vessel with Media	1 Nos
9.	Multiport Valve	2 Nos
10.	Tube Deck Media	1 LOT
11.	Air Blower 1 HP with Motor (highest quality ISI make)with Base Frame , Pulley, Belt, etc	1 Nos
12.	Sewage Transfer Pump 1 HP (highest quality ISI make)	1 Nos
13.	Sludge Bed with Two partitions MS fabricated with inside Epoxy coating.	1 Nos
14.	Sewage Transfer pump 1 HP (highest quality ISI make)	1 Nos
15.	Flow Meter	1 Nos
16.	Piping for water & Air Circuit (highest quality ISI make make) with all accessories including Labour	LOT
17.	Providing Structure / Staircase for easy operation (rust proof)	LOT

The Effluent Treatment system upon reaching steady state, should produce the following results when operated under optimum design conditions and subjected to regular testing program and monitoring
After Treatment water quality

BOD	< 10 mg/L
COD	< 25 mg/L
pH	6.0 – 8.0
TSS	< 25 mg/L
O&G	< 10 mg/L

The treatment plant should work for input flow of 50 m³/Day. On-site training should be provided to 3 personnel for the plant operation and maintenance.

Terms & Conditions

- Supplier need to submit the specification compliance for their product in a tabulated and point wise manner
- Authorized dealer/supplier in India should enclose authorization certificate from the Principal
- On-site warranty minimum of 1 years from the date of installation
- Authorized dealer should have service centre in India
- Brochure having detailed technical specifications (to be enclosed in original with quotation)
- On-site installation, demonstration and training
- Detailed technical manual in original with instrument
- User certificate/order copy to be enclosed with the document.
