**INVITATION FOR QUOTATION**

TEQIP-II/2016/MH1G05/Direct Contract/121                    13-May-2016

To,

   **Prachi Services**

   **B-36, Dhake Park, N.N.Road  1, Jogeshwari (East),**

   **Mumbai -400060, India. Tel. : 91+22+ 28395068**

   **Phone(Mobile): 9322285723, Mumbai, maharashtra,**

   **400060**

**Sub: Invitation for Quotations for supply of Goods**

Dear Sir,

1.  You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

| Sr. No | Brief Description | Quantity | Delivery Period(In days) | Place of Delivery | Installation Requirement (if any) |
|--------|------------------|----------|--------------------------|-------------------|-----------------------------------|
| 1 | ADVANCED WASTEWATER TREATMENT SOFTWARE ADTREATSOFT02 | 1 | 30 | Department of Technology Shivaji University Kolhapur | yes |

| 2 | EFFLUENT TREATMENT PLANT DESIGN SOFTWARE | 1 | 30 | Department of Technology Shivaji University Kolhapur | yes |
|---|---|---|---|---|---|
| 3 | SEWERAGE SYSTEM DESIGN SOFTWARE | 1 | 30 | Department of Technology Shivaji University Kolhapur | yes |
| 4 | WATER DISTRIBUTION SYSTEM DESIGN SOFTWARE | 1 | 30 | Department of Technology Shivaji University Kolhapur | yes |
| 5 | WATER TREATMENT PLANT DESIGN SOFTWARE WTPSOFT03 | 1 | 30 | Department of Technology Shivaji University Kolhapur | yes |

2.  Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme[TEQIP]-Phase II** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3.  Quotation,

    3.1 The contract shall be for the full quantity as described above.

    3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.

    3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.

    3.4 Applicable taxes shall be quoted separately for all items.

    3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

    3.6 The Prices should be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.

5. Quotation shall remain valid for a period not less than **45** days after the last date of quotation submission.

6. Evaluation of Quotations,

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

   6.1 are properly signed ; and

   6.2 confirm to the terms and conditions, and specifications.

7. The Quotations would be evaluated for all items together.

8. 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.

   8.1 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.

   8.2 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 purchase order.

9. Payment shall be made in Indian Rupees as follows:

   **On Completion - 100% of total cost**

10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **18:00** hours on **20-May-2016 .**

12. Detailed specifications of the items are at Annexure I.

13. Training Clause (if any) **YES**

14. Testing/Installation Clause (if any) **YRS**

15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

16. Sealed quotation to be submitted/ delivered at the address mentioned below,

Department of Technology, Shivaji University Kolhapur Maharashtra

17. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

**Annexure I**

| Sr. No | Item Name | Specifications |
|---|---|---|
| 1 | ADVANCED WASTEWATER TREATMENT SOFTWARE ADTREATSOFT02 | five user software ETPSOFT03 can be used for the design of Primary, Secondary and sludge treatment units of the effluent or sewage treatment plant. This software is becoming very popular and there was a demand for the software for the design of tertiary or advanced treatment units which can remove dissolved inorganic solids, organic contaminants and microorganisms (disinfection). The standards of the Pollution Control Boards are becoming stricter and the parameters mentioned above are being covered Also many organizations are adopting the concept of zero discharge due to water scarcity and continuously increasing costs of water. Therefore, the design of the advanced wastewater treatment units is gaining more and more importance. These units can be also used in the drinking water treatment also to treat brackish water and for disinfection. ADTREATSOFT02 can be used for the design of following units: Granular Activated Carbon Treatment Powdered Activated Carbon Treatment Air Stripping Chlorination Ozonation Electro-dialysis Ion Exchange Reverse Osmosis Ultraviolet Treatment The software is having a Graphical User Interface (Windows) and therefore it is extremely user friendly. It is also connected to a data base at the back end. This helps in saving the details of the designs for future reference. The manual provided with the software gives many flow sheets and useful information about individual processes. |
| 2 | EFFLUENT TREATMENT | Five user license ETPSOFT03 can be used for designing the complete Effluent Treatment Plant or some of its units. Following units can be |

| | PLANT DESIGN SOFTWARE | designed:  A)   1. Sewage/Effluent Pumping Station  B)        2. Flow Measurement Device a) V-Notch b) Weir c) Parshall Flume  C)         3. Collection/Equalization Tank   D) Primary Treatment: 4. Screens 5. Grit Chamber  6. Oil & Grease Trap 7. Primary Sedimentation Tank  E) Secondary Treatment 8. Activated Sludge Process (Aeration Tank) : a) Conventional b) Complete Mix c) Extended Aeration 9. Trickling Filter : a) Low Rate b) High Rate 10. Rotating Biological Contactor 11. Upflow Anaerobic Sludge Blanket (UASB) Reactor 12. Secondary Sedimentation Tank 13. Aerated Lagoon  14.Anaerobic Lagoon 15. Stabilization Ponds  F) Tertiary Treatment 16. Sand/Carbon Filter  C) Sludge Treatment 17. Sludge thickner 18. Anaerobic Digester : a) Low Rate b) High Rate 19. Sludge Drying Beds   The software requires flow rate and characteristics of raw and treated effluent such asBOD, COD, Suspended Solids and quality of treated effluent as the input data and givesdimensions of the units,  their design parameters, quality of treated effluent and powerrating as the output data. The range and typical values for other input data are providedby the program for easy data entry.  ETPSOFT03 is user friendly with GUI based interface. The design details are stored in data base format  due to which it is possible to have number of design natives which can be retrieved for similar  projects. This results in considerable convenience and time saving.Reporting feature of ETPSOFT03 not  only gives the design details of individual units and the complete treatment plant but also provides  design calculations. |
|---|---|---|
| 3 | SEWERAGE SYSTEM DESIGN SOFTWARE | Five userlicense Our software SEWERSOFT04 can be used for the design of Sewerage System. This software is developed on the basis of the Government of India manual on Sewage Treatment. It provides a Graphical User Interface (Windows) based front end and therefore it is extremely user friendly. The design details are stored in the database format at the back end. This helps in saving the details of the designs for future reference. The software designs the successive stretches of the sewers between two manholes. It designs the diameter, slope, velocity and flow rate of the sewer. Branch (in which many laterals contribute) and Main (in which many branches contribute) sewers can be designed.  The additional and important feature added  recently to SEWERSOFT03 is bill of quantities and cost estimates. This gives the approximate cost of  the sewerage system |

| 4 | WATER DISTRIBUTION SYSTEM DESIGN SOFTWARE | five user license Our software WDSOFT03 can be used for the design of Water Distribution System. This software is developed on the basis of the Government of India manual on Sewage Treatment. It provides a Graphical User Interface (Windows) based front end and therefore it is extremely user friendly. The design details are stored in the database format at the back end. This helps in saving the details of the designs for future reference. The software designs the successive stretches of water pipes between two nodes. It designs the diameter, slope, velocity and flow rate of the water distribution system pipes. The design criteria is the minimum head that should be available at the consumer tap. Branch (in which many laterals contribute) and Main (inwhich many branches contribute) pipes can be designed in the dead end system. |
|---|---|---|
| 5 | WATER TREATMENT PLANT DESIGN SOFTWARE WTPSOFT03 | Five userlicense WTPSOFT03 can be used for designing all the unit s of the water treatment plant or some of its unit s. Following units can be designed. 1. Aerator 2. Connecting Channel 3. Flow Measuring Device: a) Parshall Flume b) V-Notch c) Weir 4. Flash Mixer 5. Flocculator 6. Clarifier 7. Chemical Storage 8. Sand Filter: a} Slow b) Rapid(Including underdrain system) c) Pressure 9. Chlorine Requirement 10. Underground Clear Water Reservoir 11. Pumps and Economical Size of Pumping Main The flow rate or the capacity of water treatment plant is required as the main input. Apart from this, the design criteria for various units are required to be inputted. The software gives dimensions of the units, their design parameters, and power rating as the output data. The range and typical values for input data are provided by the program for easy data entry. This version of WTPSOFT is upgraded to give structural design, drawings, bill of quantities for individual units and for the total water treatment plant. Reporting feature of WTPSOFT03 not only gives the design details of individual units and the complete treatment plant but also provides design calculations. |

## FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To:

_____

_____

| Sl. No. | Description of goods (with full Specifications) | Qty. | Unit | Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments) | Total Price (A) | Sales tax and other taxes payable | |
|---|---|---|---|---|---|---|---|
| | | | | | | In % | In figures (B) |
| | | | | | | | |
| **Total Cost** | | | | | | | |

Gross Total Cost (A+B): Rs. _____

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

We confirm that the normal commercial warranty/ guarantee of ——————— months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No: _____