

INVITATION FOR QUOTATION

TEQIP-III/2018/uceo/Shopping/38

13-March-2019

To,

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	Kaplan Turbine	1	60 days	Department of Civil Engineering, University College of Engineering, Osmania University, hyderabad	Yes Required

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 III** 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:
Delivery and Installation - 0% of total cost
Satisfactory Acceptance - 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 **15:30** hours on **29-March-2019** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **Yes Required**
14. Testing/Installation Clause (if any) **Yes Required**
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,
The Principal, University College of Engineering, Osmania University, Hyderabad
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	Kaplan Turbine	<p style="text-align: center;">COMPUTRIZED COMBINED FRANCIS AND KAPLAN TURBINE VERTICAL SHAFT SET-UP</p> <p>SPECIFY YOUR MODEL NO: The equipment should consists of a Rotor of 1.5 H.P. @ 900 rpm rated output, volute casing, Electrical loading, Mono block pump, sump tank, Digital speed indicator and Energy meter, Vacuum gauge, controlling valves.</p> <p>It should have the capabilities to obtain constant Head & constant speed Characteristics and obtain Run-Away speed & unit head – unit quantities.</p> <p>The Equipment should have the following Features: a. Seamless finish, b.Accurate dimensions, c.Assured quality, d.Very long lasting, e.Elegant finish, f.Smooth Working</p> <p>Detailed Specifications: It should have vertical shaft with guide vanes with system of Perspex tubing for flow visualization at the entry into guide vane.</p>

The Broad Details:

S. No.	Particulars	Specification
1	Motor Capacity	10 H.P. 3 pH., 440 V, 50 Hz, AC.
2	Electric Supply	3 pH., 440 V, AC, 30 A, with Neutral& Earth
3	Pressure Gauge range	0 to 7 Kg/cm ²
4	Vacuum gauge	0 - 760 mm of Hg.
5	Loading	A.C Alternator connected with electrical switches
6	Head Range	It should be about 12 m

ADDITIONAL DESCRIPTION

- ROTOR (Kaplan) : 150 mm Diameter, 4 blades, Stainless steel with angle changing mechanism.
- VOLUTE CASING : C.I.
- GUIDE VANES (Kaplan) : 6 No's, fixed type, Aerofoil shaped made of Aluminum/ Stainless steel
- ROTOR (Francis) : 150 mm Diameter, 8 blades. Stainless steel
- GUIDE VANES (Francis) : 8 No's, with mechanism to change vane angle with stainless steel
- LOADING : Alternator, Kirloskar/KSB/Grundfos Make, 2-3 KVA, (Lamp Loading, 10 No's, 200 W).
- OPERATING HEAD : Minimum 5-10 m.
- MONOBLOCK PUMP : 10 H.P. Kirloskar make
- TANKS (S.S) : Sump Tank , Minimum 700 liters capacity, made with 1.6 mm sheet stainless steel only.
- STARTER : Siemens make with MCB, L & T console switch and red indicator.
- DIGITAL SPEED INDICATOR (**Computerized**) : With proximity Sensor for rpm measurement. Minimum 0-999 rpm
- POWER METER (**Computerized**) : For output measurement Branded make 0-3 KW range
- DISCHARGE MEASUREMENT (**Computerized**) : 2 No's, venturi meter with indicator Minimum 0-100 LPM range
- PRESSURE INDICATOR : 2 Nos. 0-5 bar (**Computerized**)
- VACUUM INDICATOR : 2 Nos. 0-760 mm of Hg (**Computerized**)
- CONTROLLING VALVES : 2 no's, 4 inch and 6 inch, Butterfly Valves.
- SUPPLY : 3 ph, 440 V, 32 Amps to be provided by user.
- INTEGRATED CONTROL PANEL : MS sheet 1.6 mm thick & square tubes of Minimum

- CONVERTER : 25 x 25 mm size.
- SOFTWARE : RS 485 (Suitable) with cable
- SOFTWARE : LAB VIEW based application software
- All the bulbs should have switched on and off by computer control.
 - Belt to change generator between turbines should be provided.
 - All pipes should be of G.I. B/C class Pipe only
 - Provision to operate in manually and also computerized one at a time shall be provided.
 - **ALL THESE SHOULD BE MOUNTED ON STURDY FRAME OF M.S. CHANNEL & ANGLE.**

COMPUTER HARDWARE MAY NOT BE IN THE SCOPE OF OFFER.
ALL THE OPERATIONS ARE MANUAL.

THE EXPERIMENTAL CAPABILITIES SHOULD BE

- To obtain constant Head and constant speed Characteristics.
- To obtain Run-Away speed and unit head –unit quantities.

NOTE:

1. If any Specifications are modified then the information should be completely be provided.
2. The firm should give the certificate that they are manufacturers of the product and should give guarantee for ONE full year for any damage or working aspect of the products.
3. They should provide the details of Research Institute/ Top Educational Institute where the similar equipment has been supplied.
4. They should mention the taxes applicable with Octroi, transport insurance etc. complete at F.O.R. Hyderabad with installation and operational demonstration or Training at O.U. Campus Engineering College.
5. You should attach photograph of the setup you have supplied in your workshop

LIST OF EQUIPMENTS

Your Code of Equipment	Equipments Name	Qty	Amount to be quoted For Each in Rs.
	COMPUTRIZED COMBINED FRANCIS AND KAPLAN TURBINE VERTICAL SHAFT SET-UP	1 No	
	Mention full specification with all the terms and conditions		

OTHER CONDITIONS

S. No.	Condition	Details
1	Price	- FOR Destination Transportation, packing and forwarding charges to be specified
2	Payment	Conditions to be specified
3	Taxes	GST @ (on submission of letter as research equipments) or as applicable at the time of delivery extra to be mentioned with GSTIN No.
4	Delivery	06-08 weeks (working days only) from the date of technically/commercially clear purchase order to be specified
5	Installation Period	Installation schedule to be within a week from the date of dispatch.
6	Guarantee	1 year from the date of installation.
7	Validity	Period should be mentioned from the date of quotation.
8	Remarks	1. Inspection at Your firm before dispatch should be included specified 2. Commission of Equipments should be at our college by your engineers and all expenses are your side only. 3. Force majeure clause will be applicable and to be specified 4. Equipments are supplied with set of readings and results along with Instruction Manual to be provided 5. Design and development are subject to changes for continuous R & D should be mentioned

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: _____