INVITATION FOR QUOTATION

TEQIP-III/2018/deia/Shopping/7 **04-Aug-2018**

To,

Sub: Invitation for Quotations for supply of Goods

Dear Sir,

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	Apparatus for measuring discharge through Weirs	1	60	Dayalbagh Educational Institute	Yes
2	Francis Turbine Test Rig	1	60	Dayalbagh Educational institute	Yes
3	Kaplan Turbine Test Rig	1	60	Dayalbagh Educational Institute	Yes
4	Submersible Pump Test Rig	1	60	DAYALBAGH EDUCATIONAL INSTITUTE	YES

1. 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.
2. Quotation,
   - 2.1 The contract shall be for the full quantity as described above.
   - 2.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
   - 2.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
   - 2.4 Applicable taxes shall be quoted separately for all items.
   - 2.5 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.
   - 2.6 The Prices should be quoted in Indian Rupees only.
3. Each bidder shall submit only one quotation.
4. Quotation shall remain valid for a period not less than **30** days after the last date of quotation submission.
5. Evaluation of Quotations,

   The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
   - 5.1 are properly signed ; and
   - 5.2 confirm to the terms and conditions, and specifications.
6. The Quotations would be evaluated for all items together.
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 purchase order.

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

   Delivery and Installation - 90% of total cost

   Satisfactory Acceptance - 10% of total cost

9. All supplied items are under warranty of **24** months from the date of successful acceptance of items.
10. You are requested to provide your offer latest by **16:00** hours on **25-Aug-2018 .**
11. Detailed specifications of the items are at Annexure I.
12. Training Clause (if any) **Training should be provided at Hydraulics Lab DEI**
13. Testing/Installation Clause (if any) **Purchaser will test the equipment after completion of the installation and commissioning at the site of the installation In case equipment fails the purchaser reserves the right to get equipment replaced by supplier at no extra cost**
14. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
15. Sealed quotation to be submitted/ delivered at the address mentioned below:-

    Ankit Sahai,
    Assistant Professor,
    Department of Mechanical Engineering,
    Faculty of Engineering,
    Dayalbagh, Agra - 282005, Uttar Pradesh

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

Ankit Sahai
Assistant Professor,
Department of Mechanical Engineering
Faculty of Engineering,
Dayalbagh Educational Institute, Agra
Email id: sahaiankit@dei.ac.in

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Annexure I

Sr. No	Item Name	Specifications
1	Apparatus for measuring discharge through Weirs	A set of weirs should be provided with Broad Crested weir, Spillway, Sharp Crested weir,Ogee Weir Necessary G.I. piping system & flexible pipe of suitable size, necessary fitting and control valve should be provided with the apparatus. Tanks and Channel should be made of Stainless Steel. Hook/Pointer Gauge, Piezometer, Stop Watch, Control Panel, etc Apparatus consists of a close circuit through which water is circulated continuously by means of a centrifugal pump with 1 H.P. motor to make the supply from sump tank Comprehensive Instruction Manual covers experiment presented in the form of a full laboratory report. All other necessary accessories should be mentioned.
2	Francis Turbine Test Rig	Close circuit type, Self contained water circulation Turbine unit. CF pump/motor 5 HP, 440 V AC supply kirlosker make, Tank made of stainless steel, measuring instruments, pressure gauges, necessary accessories, control panel, Venturimeter/orificemeter, Fittings & Valves with ISI quality, digital stop watch, voltmeter, ammeter, etc • To study the operation of Francis turbine, draw characteristic and muschel curves. • To determine the Output Power of Francis Turbine. • To determine the turbine efficiency. Comprehensive Instruction Manual covers experiment presented in the form of a full laboratory report
3	Kaplan Turbine Test Rig	Close circuit type, Self contained water circulation Turbine unit. CF pump/motor 7.5 HP, 440 V AC supply kirlosker make, Tank should preferably of stainless steel, measuring instruments, pressure gauges, necessary accessories, control panel, Venturimeter/orificemeter, Fittings & Valves with ISI quality, digital stop watch, voltmeter, ammeter, etc • To study the operation of Kaplan turbine, characteristic curves, Muschel Curves, graphs between speed vs efficiency, speed vs Q, etc. • To determine the Output Power of Kaplan Turbine. • To determine the

		turbine efficiency. Comprehensive Instruction Manual should cover experiment presented in the form of a full laboratory report.
4	Submersible Pump Test Rig	The Submersible Pump Test Rig should be a self-contained unit operated on closed circuit basis containing a sump tank. The set-up consists of a Submersible Pump, measuring tank and stop watch and other related accessories. Pump capacity 1 or 3 HP with Data Logger System. Data logger can be connected through USB/RBS232 to computer to transfer the data. Control Panel should Comprises of different channels for data logger and for pressure Voltage, current & Flow Measurement Energy measurement With Energy meter • To determine total head, pump output, overall efficiency and pump efficiency of the submersible pump. • To plot Graph for Head vs Discharge and Pump efficiency vs Discharge, etc Other related accessories for the complete setup. Comprehensive Instruction Manual covers experiment presented in the form of a full laboratory report.

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To:

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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: _____