



Indian Association for the Cultivation of Science

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NIT No.-IACS/WS/SB/16-17/82

Date: - 20.01.2017

NOTICE INVITING TENDER

Sealed Item Rate tenders are invited from bonafide, resourceful and eligible manufacturers / authorized service providers / contractors for the work of **“Overhauling and repairing of Voltas make 1 x 5H 46 Direct Expansion Central Air Conditioning Plant and Repairing of Cooling Tower & Pipe Lines and Painting of AC plant & AHU & Accessories inside the plant room and pipe lines at IACS, Jadavpur, Kolkata”**. The work is estimated to cost **Rs 319815/- (Rs. Three Lakh Nineteen Thousand Eight Hundred Fifteen only)**. The estimate however, is mentioned as rough guideline. The tender will comprise of the items like ***Earnest Money Deposit in proper form & shape, copy of eligibility documents (i.e. Credential), copy of PAN Card, copy of valid Contractor's license, copy of valid trade license, Company profile and any other document in support of technical capability along with quoted price with respect to the Bill of Quantities (BOQ) provided with the tender document.***

The minimum eligibility criteria for the contractors will be as follows:

- (1) Completion of one similar work of value not less than 80% of the estimated cost put to tender under Government, Semi-Government, PSU or Govt. funded Autonomous Body or in organizations of repute in last 3 (three) years reckoned from the date of issue of NIT.
- (2) Completion of two similar work of value not less than 60% of the estimated cost put to tender under Government, Semi-Government, PSU or Govt. funded Autonomous Body or in organizations of repute in last 3 (three) years reckoned from the date of issue of NIT.
- (3) Completion of three similar work of value not less than 40% of the estimated cost put to tender under Government, Semi-Government, PSU or Govt. funded Autonomous Body or in organizations of repute in last 3 (three) years reckoned from the date of issue of NIT.

Similar work shall mean works related to AC plant preferably in laboratory/ research Centre/ educational institute/ reputed organisations etc.

The Earnest Money Deposit of Rs. 6400/- (Rupees Six thousand Four Hundred only) to be submitted with the tender in the form of **Demand Draft/Banker's Cheque/Pay Order** of a schedule Bank in favor of

“Indian Association for the Cultivation of Science” payable at Kolkata failing which the tender shall be treated as canceled.

The stipulated **time of completion of this work is 20 (Twenty) days from the date receiving the Work Order.**

Cost of Tender Form : The tender paper may be purchased from the Workshop Department of IACS, Jadavpur against payment of **Rs. 500/-** per set (nonrefundable) in cash. However, the firms who will submit downloaded tender from our website (www.iacs.res.in) should deposit **Rs. 500/-** (nonrefundable) in the form of **Demand Draft/Pay order** (non-refundable) of a scheduled Bank with their tender in a separate envelope without which their tender will be summarily rejected.

Tender Issue Date : **20.01.2017 to 27.01.2017** (up to 2.00 P.M. on each working day)

Last date of application: **27.01.2017 (up to 2.00 P.M.).** Application should be made on printed letterhead of the firm mentioning the NIT no. & Name of work).

Last date of Submission of Tender: 30.01.2017 (up to 2 PM). Complete Tender Form along with EMD in a sealed envelop super scribing the name of the work, NIT no. and due date of opening on the top of the envelop addressed to the Registrar, IACS, Jadavpur, Kolkata 700032 to be submitted to the Receiving/despatch Section of IACS.

Date of Opening : **30.01.2017 (at 3.00 P.M in presence of the intending bidders)**

Acceptance of Tender : IACS authority is not bound to accept the lowest Tender and reserves

the right to reject any or all the tenders without assigning any reason thereof.

Other terms & conditions:

The EMD shall be treated as part of the security deposit for the successful bidder and will be returned along with payment of bill. Tender submitted without EMD or EMD not in proper form & shape shall be summarily rejected.

The Security Deposit @10% will be deducted from the bill and will be released after six months from the date of successful completion of work. The EMD for unsuccessful bidders will be refunded on demand after finalization of work order.

Deviation limit for individual item, trade and contract as a whole is **25% (twenty five percent)**. However, the department reserves the right to execute in part or whole and can drop any item of the "schedule of work" of the tender. No claim whatsoever will be entertained in this regard.

If the contractor fails to maintain the required rate of progress or to complete the work and clear the site on or before the contract or extended date of completion, he shall without prejudice to any other right or remedy available under the law, pay compensation the amount calculated at the rates stipulated below or such smaller amount as the Director may decide (whose decision in writing shall be final and binding) on the amount of the tendered value of the work for every completed day / week (as applicable) that the progress remains below or that the work remains incomplete.

- i) Completion period not exceeding 3 months (stipulated) @1% per week or part thereof provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 5% of the tendered value of work.

The Engineer in Charge may without prejudice to his any other rights or remedy against the contractor in respect of any delay, inferior workmanship, any claims for damages and / or any other provisions of this contract or otherwise, and whether the state of completion has or has not elapsed, by notice in writing absolutely determine the contract in any of the following cases.

- i. if the contractor fails to rectify/replace the defects in spite of written notice by Engineer –in-Charge
- ii. If the contractor suspends the progress of work so that in the opinion of the Engineer-in-Charge he will be unable to secure completion of the work by the date of completion and do not improve performance even after written notice.
- iii. If the contractor neglects to carry out his obligation under the contract and / or commits defaults in complying with any of the terms and conditions and does not remedy if even after written notice.

When the contractor has made him liable for action under any of the aforesaid cases, the Engineer-in-Charge on behalf of IACS shall have powers

- a. To determine or rescind the contract. Upon such rescission, the full security deposit recoverable under the contract shall be liable to be forfeited and shall be absolutely at the disposal of IACS.
- b. After giving notice to the contractor to measure up the work done by him, get the balance work done by another contractor. Any expenses which may be incurred in excess of the sum which would work had been executed by him, shall be borne and paid by the original contractor and may be deducted from any of his dues.

Complete Tender Document will also be available at www.iacs.res.in and can be downloaded for submission. **Conditional tender including conditional rebates shall be summarily rejected. The quoted rate shall be inclusive of all taxes & duties, levies, cess etc i/c service tax also.** Nothing extra will be paid to the Contractor except the accepted rate. In case of any discrepancies, the office copy of the tender document will be referred and shall be binding to the contractor.

Unless otherwise specified in the NIT, all other terms & conditions will follow the CPWD Works Manual, 2016.

ACTING REGISTRAR

Copy to:

- i) Workshop Superintendent, IACS
- ii) In-Charge, Elect. Engg. Section, IACS
- iii) Engineer-I, Civil Engg. Section, IACS
- iv) F&AO, IACS-He is requested to allocate the fund before placement of Work Order.
- v) In-Charge, Computer Centre-He is requested to upload this tender document in IACS website.
- vi) Security Officer, IACS
- vii) Notice Board

Schedule of Work (Rate & Amount to be filled by the Contractor)

For Overhauling with repairing of 1 x 5H 40 Voltas make Central AC Plant& Cooling Tower including pipe line with painting of AC Plant & Accessories within the Plant room

Sl No.	Description of Work	Quantity	Rate in Rs.	Amount in Rs.
01	Overhauling of 02 Nos. Condenser pumps motor, 01 No. AHU motor including replacing necessary spares	One job		
02	Overhauling of 01 No. Compressor motor including replacing necessary spares	One job		
03	Checking and Servicing of Electrical Starters and Controller including replacement of transfer oil	One job		
04	Supply & fixing of 02 Nos. Non-return valve (100 mm – Leader make) at the condenser pump and 01 No. Butterfly Valve (100 mm – Leader Make) with necessary fitting along with necessary welding arrangement.	One job		
05	Supply and charging of Refrigerant (R-22) approx. 15 Kg. @Rs.890.00/kg.	15 Kg.		
06	Dismantling and Head checking of the compressor including replacement of necessary spares (Valve plate-01 No., DV guide assembly- 02 Nos., DV Disc – 02 Nos., DV Spring – 12 Nos., SV Disc – 04 Nos, SV Spring – 24 Nos., Gasket – 01 No. and compressor oil	One job		
07	Painting the central AC plant and accessories inside the plant room and AHU	One job		
08	Supply of CT Fan Motor (3 HP/440 Volt /700 RPM) with Fitting Charges i.e.- Old motor dismantling, New motor fitting, assembling, commissioning ect.	01 No.		
09	Supply of Spangler branch header blade with Fitting charges i.e.- Cutting, assembling, fitting etc.	01 set. (04 Nos.)		
10	Supply of 5/8 inch & ½ inch Stainless Steel Grade 304 Nut Bolt with double washer with Fitting charges.	72 Nos.		

11	Supply of MS Elbow 4 inch Dia. With Fitting charges. i.e.- cutting, welding, fitting etc.	07 Nos.		
12	Supply of GI pipe 4 inch Dia TATA (medium)make with Fitting charges. i.e.- Cutting, welding , fitting etc.	10 ft.		
13	Supply of Butterfly Valve 4 inch Dia. ADCO make with Fitting charges.	04 Nos.		
14	Supply of Valve Flinch 4 inch Dia. With Fitting charges.	10 Nos.		
15	Supply of 2 inch Dia. GI Pipe TATA (Medium) make with Fitting charges. i.e.- cutting, welding, fitting etc.	20 ft.		
16	Supply of MS Nut Bolt 5/8 inch X 6 inch with Fitting charges.	20 Nos.		
17	Supply of Primer & Enamel paint (Synthetic base) with painting charges.	One job		
			Total-	
	Service Tax. @ 15% On Total Value			
			Gr. Total--	

(Signature of the Contractor with stamp and Date)

