



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, पुणे
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

(An Autonomous Institution, Ministry of Human Resource Development, Govt. of India)

IISER Pune Campus, Dr. Homi Bhabha Road, Pune-411 008.

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No: 54(2) /IISER/Pune/2017-18/ 44

Dated 22/3/2018

NOTICE INVITING QUOTATION

Sealed quotations are hereby invited by the undersigned on behalf of the Director, IISER Pune for the work mentioned below up to 3.00 PM on 3/4/2018 from approved and eligible contractors registered with CPWD, Maharashtra State PWD, Railways, MES in appropriate category for Laboratory Gas Piping and distribution work works or eligible specialized expert agency for laboratory gas distribution and piping works for non-combustible type laboratory gases for research purpose for the work mentioned below. The quotations will be opened at 3.30 PM on the same day.

NAME OF WORK : NAME OF WORK : SUPPLY , INSTALLATION , TESTING AND COMMISSIONING OF GAS DISTRIBUTION SYSTEM FOR ULTRA PURE NITROGEN , ARGON , HELIUM, OXYGEN AND CARBON MONOXIDE AT SECOND FLOOR CHEMISTRY IN MAIN BUILDING AT IISER PUNE.

Issue to –

Name and address of the agency –


20/18/03/22
IISER Pune

Terms and Conditions:

- 1) The applicant should be approved and eligible contractors registered with CPWD, Maharashtra State PWD, Railways, MES in appropriate category for Laboratory Gas Piping and distribution work works or eligible specialized expert agency for laboratory gas distribution and piping works for non-combustible type laboratory gases for research purpose or specialized expert agency working for Laboratory Gas Distribution System piping works for non combustible type gases for laboratory purpose. Applicant should submit attested or notarized copies of the experience certificate for the work completed within last three years from client department with copy of work order/LOI to along with the quotation. Bidders not meeting the minimum eligibility criteria shall be summarily rejected.
- 2) Time period for completion of work shall be 7 (Seven) days from the date of placing the work order by IISER Pune. The act of backing-out after opening of quotation will debar such agencies for participating in the future quotations of IISER PUNE. Bidder may e-mail queries on maintenance@iiserpune.ac.in or submit to IISER PUNE office in hard copy on all working days one day before submission date of quotation as specified above.
- 3) Notice Inviting Quotation (NIQ) document may be obtained from IISER PUNE at 121, Engineering Section , Main Building, IISER PUNE Campus, Dr.Homi Bhabha Road, Pashan, Pune-411008 between 10 AM to 4 PM on all working days before date of submission. Applicant may submit quotation by obtaining NIQ document from IISER PUNE website at <http://www.iiserpune.ac.in/links/tender-notices-and-eoi>
- 4) All agencies need to submit their quotation in hard copy in sealed envelope containing two separate envelopes one containing qualification documents and experience certificates etc and other envelop

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containing stamped , signed and quoted NIQ document to IISER PUNE office by suitable means on and before 3 PM on 3/4/2018. Quotation received after the date & time specified above shall not be accepted. Any delays , postal delay etc. will not be entertained. Agency should quote for all the items in the in the BOQ . Rates quoted in words shall be treated as Final for deciding L1 bidder. The bid shall be submitted in the original bid document (as issued by the IISER, Pune or Webcopy) super scribing the name of work. Quoted rates shall be valid for 60 days from the date of opening of quotations. Rates shall be quoted in hand writing at the spaces provided in NIQ document. Commercial envelop of technically qualified bidders shall be opened accordingly.

- 5) Quotations will be opened on the same day at 3.30 PM in the presence of agency or their authorized representatives, if any. The offer of the agency should be commercially clear including acceptance of all terms and conditions of this Quotation by the agency. IISER Pune reserves the right to accept or reject the quotation/s without assigning any reasons.
- 6) Quotations submitted with any conditions shall be treated as conditional quotations and shall be summarily be rejected by IISER PUNE.
- 7) Quoted rates should be inclusive of cost of all the materials, labour cost , GST ,all taxes, octroi , duties , cost of sample and fees towards testing of materials in labs ,royalties etc. complete. Nothing extra shall be paid separately. No, Bidder shall contact the IISER, Pune on any matter relating to his bid from the time of the bid opening to the time of issue of work order. Any effort by the Bidder to influence the IISER's bid evaluation, bid comparison or contract award decisions, may result in the rejection of his bid.
- 8) All approved makes shall be as specified in BOQ and as per CPWD specifications , agency should put-up technical data and obtain prior approval on makes of various materials of IISER PUNE before taking-up work. The successful agency shall make his own arrangement for all Tools & tackles for work etc complete in view of completion of work. Electricity shall be provided free of cost to agency at one source, agency should make own arrangement to safely tap of power from source to work location.
No advance payment shall be made by IISER Pune. Quoted rates should be including GST , TDS and other applicable taxes . Income Tax and labour cess will be deducted from the bills of the work.
- 9) Specification for the work to be carried out as per BOQ, latest CPWD specification, IS specifications & as per instruction of IISER PUNE whenever specification CPWD/ IS specification are not available.
- 10) The contractor shall ensure that minimum wages should be paid to the labours and employees in accordance with labour laws. All the safety measures shall be followed by the L1 agency as per prescribed norms during execution of work with all the necessary safety tools etc. Executing Agency shall be solely techno-commercially responsible for the strict adherence of safety norms and allied compensations etc.
- 11) Agency should submit measurements and abstract sheets to IISER PUNE for the payments within 30 days from completion of work.


IISER Pune 20/18/03/22

Encl : - Schedule of Quantity (BOQ) – As per Annexure A

Sign & stamp of Agency-

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ANNEX-A : SCHEDULE OF QUANTITY (BOQ)

NAME OF WORK : SUPPLY , INSTALLATION , TESTING AND COMMISSIONING OF GAS DISTRIBUTION SYSTEM FOR ULTRA PURE NITROGEN , ARGON , HELIUM AND LABORATORY NITROGEN AT GROUND FLOOR A BIOLOGY FOR JU LAB IN MAIN BUILDING AT IISER PUNE.

ITEM NO	DESCRIPTION	MOC	Approved Make	Quantity	Unit	Rate in words and figures	Amount
1	<p>Supply, installation, testing , commissioning of Gas Distribution System for Laboratory Gases in SS 304 seamless tube. All Joints shall be compression fitted ferrule type fittings of approved makes. System shall be tested and handed over at 10 bar pressure test till Manifold. All components up to manifold system of Gas Bank System shall be tested at minimum 150 bar and Leak free , full functional GDS system shall be handed over to IISER PUNE . Quoted rate shall be including all necessary fittings, tools , tackles , bending tool , welding machine , GST , lead , lift etc and all necessary equipment's required at site. Agency shall submit PN & ID and obtain approval of Engineer In-Charge before taking-up GDS works. Wall marking shall be done showing GDS route actual at site and approval on profile making shall be obtained before fixing of tubes. System shall be guaranteed for 1 year for leakage and fittings , comprehensive guarantee of complete system shall be submitted on Rupees Five hundred bond paper with free replacement of defective components to IISER PUNE. Actual components listed below installed at site shall be measured for</p>						

	payments. Nothing extra shall be paid separately.								
1.1	Manual Change Over System with Workshop Fabricated Manifold								
1.2	Manifold Block : Fabricated Type for SS 304 1/2" System.	SS 304	Factory Fabricated	10.00	each				
1.3	1/4 " Isolation Valve	Brass Coated	Excel/ Ex-Lock/ Panam/ Tescom	10.00	each				
1.4	Two Stage Regulator	SS 304	Excel/ Ex-Lock/ Panam/ Tescom	5.00	each				
1.5	1/2 " OD Flexible Hose with bullnose conn	SS 304	Excel/ Ex-Lock/ Panam/ Tescom	10.00	each				
1.6	Cylinder bracket with Chain	MS Powder Coated	Excel/ Ex-Lock/ Panam/ Tescom	10.00	each				
1.7	Inline Filter 5 Micron , 5 micron for 25.4 mm.	As per OEM	Excel/ Ex-Lock/ Panam/ Tescom	5.00	each				
1.8	Ball valve 1/2" OD	SS 304	Excel/ Ex-Lock/ Panam/ Tescom	10.00	each				

1.9	Ball valve 1/4" OD	SS 304	Excel/ Ex-Lock/ Panam/ Tescom	10.00	each	
1.10	SS 304 , Seamless Tube 1/2" OD	SS 304	Suraj / Ratnamani / Prakash / MBM /Sandvik	50.00	meter	
1.11	SS 304 , Seamless Tube 1/4" OD	SS 304	Suraj / Ratnamani / Prakash /MBM /Sandvik	175.00	meter	
1.12	Point of use regulator (10 bar inlet 7 bar Outlet) with Analog Dial Guage. 1/4" OD with Nozzels of 1" length.	SS 304	Excel/ Ex- Lock/Panam/ Tescom	10.00	each	
1.13	Tee 1/2" x 1/4" x 1/2" OD	SS 304	Excel/ Ex-Lock/ Panam/ Tescom	10.00	each	
1.14	Reduser 1/2" x 1/4" OD	SS 304	Excel/ Ex-Lock/ Panam/Tescom	10.00	each	
1.15	3" wire gas transmitter with LED display, 4- 20mA output in Flameproof Enclosure with Catalyst Sensor for Combustible gas. a) Gas to be detected : Hydrogen b) Range : 0 to 100% LEL c) Output: 4 to 20 mA d) Supply Voltage: 24V DC e) Detection Principal: Catalytic Pellistor f) Sensor life: 5 years		Ambetronics/Ho neywell	1	each	

	<p>g) Sensor Body: SS316 h) Enclosure: IIC enclosure i) Mounting: Wall Mounting</p>					
1.16	<p>Weatherproof version - Gas to be detected : Carbon Monoxide - Range : 0 to 500 PPM - Detection Principle : Electrochemical - Display : 2-Line, 4-Digit 8 mm (H) Seven Segment - Setting : By using 3 Keys on Front Panel - Supply Voltage : 18 TO 36 VDC, Typically 24V DC - Standard Output: 4 to 20 MA Current Output - Output 2.: THREE SPDT Relays - Error Detection : During sensor break or open Display shows SENSOR OPEN & During over range the display shows OVER RANGE - Operating Temperature : -15 deg C to +55 deg C - Protection Class : IP-65 - Cabinet material : Polycarbonate Grey color Grey Color</p>	Ambtronics/Honeywell	1	each		
1.17	<p>"CABLE (3 core X 1.5 mm2) Armored Shielded Cable for Gas Transmitter to Monitor (Quantity on Actually Running Meter) " 7/0.3mm (0.5sq mm) in continuous contact with Aluminum side of the tape, PVC inner sheathed of types STI as</p>	Polycab/Finolex /Havells	25	Meter		

	per IS 5831/84 with 0.5 mm thickness in Black color, galvanized steel wire armored as per IS 583/84 in Black color suitable for 1100 V."						
						Total	

Dubhane
IISER PUNE