



INDIRA GANDHI ENGINEERING COLLEGE SAGAR
(Jabalpur Road, Baheriya Gadgad, Sagar – 470021)

www.igecsagar.ac.in E- mail: dr_principalgcec@rediffmail.com Principal Mobile No-9826735071

Sr.No./IGEC/ME/2022/202/9

Date: 07/02/2022

INVITATION FOR QUOTATION

To,

Institute website
IGEC Sagar

Subject: Invitation for quotation for supply of Laboratory Equipments.

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods/Lab equipment.

S.No.	Item Name	Qty	Place of delivery	Installation Requirement
1	Whirling of shaft apparatus	1	Mechanical Engineering Department, Indira Gandhi Engineering College, Sagar (M.P.)	Yes
2	Resonance Box with tuning forks	1		Yes
3	Parallel flow and counter flow heat exchanger	1		Yes
4	VAPOUR COMPRESSION AIR CONDITIONER TEST RIG (DUCT TYPE)	1		Yes
5	Calibration of thermocouple apparatus	1		Yes
6	Impact of Jet Apparatus	1		Yes
7	Pitot Tube Apparatus (Closed Circuit)	1		Yes
8	Metacentric Height Apparatus	1		Yes

2. Please refer the institute website www.igecsagar.ac.in for detailed terms and conditions.

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

Principal
Indira Gandhi Engineering College,
Sagar (M.P.)

1

INDIRA GANDHI ENGINEERING COLLEGE
SAGAR, MADHYA PRADESH

(Near Makroniya Railway Station, Jabalpur Rd, Baheriya, Madhya Pradesh 470021)

Department of Mechanical Engineering

BID SYNOPSIS	
Notice inviting quotation Reference Number and Date	
Brief Description of the item to be purchased	<ol style="list-style-type: none">1. Parallel flow and Counter flow heat exchanger apparatus.2. Calibration of Thermocouple apparatus.3. Whirling of shaft apparatus.4. Resonance box with Tuning Forks apparatus.5. Vapour Compression Air conditioning test rig.6. Impact of Jet apparatus.7. Metacentric Height apparatus.8. Pitot Tube apparatus.
Last Date and Time for receipt of quotation	24/02/2022, 3.00 p.m.
Mode of submission of quotation	By Speed Post/ Register Post/ Courier/ Hand delivery at the postal dispatch section of IGEC SAGAR.
Due Date, time & venue Opening of quotation	25/02/2022 at 3.30 p.m. in Mechanical dept.OFFICE
Date and time of opening of Price bids	25/02/2022 at 3.30 p.m. in Mechanical dept. Office
Address for submission of quotation	Principal, Indira Gandhi Engineering college Sagar Kind attention: Prof S K Saluja, HOD Department of Mechanical Engineering
Procedure for submission of Bid	Envelope 1: Technical Bid Envelope 2: Price bid Envelope 3: Larger size Outer Envelope (Wrapper)
Contract person for Technical Queries	Name of quotation Inviting Faculty: Prof S K Saluja (HOD) Designation :Associate Professor Name of the Department :Mechanical Engineering Indira Gandhi Engineering college Sagar Ph. no.- 9826252684

Notice Inviting Quotation



Indira Gandhi Engineering college, Sagar (herein after referred to as IGEC Sagar) is an Educational Institution of State Importance, invites sealed quotation from reputed Original Equipment Manufacturers or their authorized agents/ dealers/ distributors/channel partners for Supply, Installation and Commissioning of the following equipment as per the detailed technical specification given below:

CHAPTER 1: DETAILED TECHNICAL SPECIFICATIONS

S. No	Apparatus	Specifications	Quantity
1	Whirling of shaft apparatus	<ol style="list-style-type: none"> 1. Two bearings should hold the shaft, one bearing at the 'driven end' and the other bearing at the 'tail end' of the shaft. The tail end bearing slides in its housing to allow the shaft length to change as it 'whirls'. Similar to a beam on two simple knife-edge supports, both bearings allow free angular shaft movement (free ends condition). Also supplied with the equipment extra bearings that restrict angular movement when fitted, to give 'fixed ends'. 2. Two movable nylon bushes which helps to prevent the shaft whirling amplitude from reaching excessive levels. A movable cord plate allows to control the shaft in some experiments, to help reach the second mode whirl speed. 3. A sensor at the driven end measures the shaft speed and sends its signal to the control and instrumentation unit display. 4. A safety guard with transparent material on the front side for visualization, surrounds the shaft and only allows the motor to work when fitted. 5. The separate control and instrumentation unit should contain the drive for the variable speed motor and a display to show the shaft speed. 6. Supplied with the apparatus is a set of test shafts of different length and diameter to show how these properties affect whirling and its 'critical speed'. Also supplied is a set of weights to show how concentrated loads affect whirling. One weight has an extra hole to make it an eccentric load. 7. Supplied with the following shafts. <ul style="list-style-type: none"> 3 mm diameter x 750 mm length 3 mm diameter x 900 mm length 6 mm diameter x 900 mm length 7 mm diameter x 900 mm length (for use with the weights) 8. Supplied with the following weights. <ul style="list-style-type: none"> 2 x 300 g 1 x 400 g 1 x 300 g with hole (eccentric weight) 	01


[Handwritten signatures]

[Handwritten signature]


		<p style="text-align: center;">Sample photo</p> 	
2	Resonance Box with tuning forks	<ul style="list-style-type: none"> • Frequencies of forks 256, 320, 384, 512 Hz • Box base measures approximately (11" long, 4" wide, and 2.5" tall.) • Features rubber stoppers on the bottom to prevent the apparatus from moving or sliding. • Includes a hammer with rubber. • Fork Material – Steel 	01
3	Parallel flow and counter flow heat exchanger	<p>Heat Exchanger type- Parallel Flow and Counter Flow Inner Pipe - Copper Diameter 12.5 mm Outer Pipe - G. I. Diameter 25mm Length of the Heat Exchanger - Minimum 1000mm Water flow rate measurement - Rota meter Hot water source - Instant Water Heater, 3 KW, 5 Liters Accessories - Digital Stop Watch Temperature Measurement Digital Temperature Indicator</p>	01

Handwritten signatures

Handwritten signature

4	VAPOUR COMPRESSOR ON AIR CONDITION ER TEST RIG (DUCT TYPE)	<ul style="list-style-type: none"> • To determine COP of unit. • To study the humidification, heating, cooling and dehumidification process and plot them on psychrometric charts. • To determine by pass factor of cooling coil and heating coil and plot them on psychrometric charts on different inlet conditions. • To determine sensible heat factor of air on re-circulated air conditioner. <p>Compressor - 1 ton Hermetically sealed compressor (reputed make)</p> <p>Condenser-- Fined and tube type air cooled condenser with fan</p> <p>Evaporator- Fins and copper tube type cooling coil of suitable capacity</p> <p>Refrigeration -Freon R-22</p> <p>Fan Blower- Driven by 1/10 H.P. (Approx.) motor (reputed make)</p> <p>Refrigeration Control Panel</p> <ol style="list-style-type: none"> a). Capillary tube devices and thermostatic expansion valve b). Filter cum Drier c). Suction pressure gauge for Low Pressure measurement d). Discharge pressure gauge for High Pressure measurement e) Steam Boiler f) Rota meter for flow measurement g) Digital anemometer for air velocity measurement h) pre and re heater provided in the duct i) Re-circulated air arrangement in the duct for measurement sensible factor of air. J) LP HP cut out k) Solenoid valve for selection for expansion device. L) Digital Hygrometer <p>Electrical Control Panel - Main Switch, Digital Voltmeter, Digital Amp. Meter and Energy meter for Compressor input</p> <p>Digital Temp. Indicator - (-)50deg to 199.9degC with multi-channel</p> <p>Temp sensor- RTD pt-100(-50To 199.9 deg C)</p> <p>MS Stand - The unit shall be assembled on Sturdy fabricated MS frame for housing the duct, instrumentation and controls</p> <p>Power Supply Single Phase 220 Volts 50Hz. AC Supply with automatic voltage stabilizer</p> <p>Manual</p> <ul style="list-style-type: none"> • Operation manual to be provided along with the equipment • The control panel should be metallic powder coated with 	
---	---	--	---



		<p>caster wheels (high quality).</p> <ul style="list-style-type: none"> • The duct should be of stainless steel 	
5	Calibration of thermocouple apparatus	<p>Experimentation/Learning Objectives</p> <ul style="list-style-type: none"> • To calibrate the given thermocouples and to plot the calibration curve. <p>Utilities Required</p> <ul style="list-style-type: none"> • Electric supply: Single Phase, 220 V AC, 5-15 amp combined socket with earth connection. Earth voltage should be less than 5 volts. • Bench area: 0.5 m x 0.5 m <p>Technical Details</p> <ul style="list-style-type: none"> • Heat Source: Provide ceramic insulation. • Temp. Controller: Digital Temperature Controller, 0-199.9°C • Thermocouple: Standard 3 types of thermocouple a) Fe-Constantan (J-Type) b) CR / Al (K-Type) c) Cu-Constantan (T-Type) • An ENGLISH instruction manual consisting of experimental procedures, block diagram, etc. will be provided along with the Apparatus. • The whole set-up is well designed and arranged on a rigid structure painted with industrial PU Paint. 	01
6	Impact of Jet Apparatus	<p>Test Plates Material: Brass (2 Nos.)- Flat Plate & Hemispherical Plate.</p> <ul style="list-style-type: none"> • Nozzle: Material Brass. • Stainless Steel enclosure: Having opposite sides made of glass. • Power: 12.5W • Ancillaries (included): All necessary pipe clips and tubing. <p>Sample Photo</p> 	01
7	Pitot Tube Apparatus (Closed Circuit)	<p>This apparatus is used to measure the velocity of the fluid in the pipe. This apparatus is also used to measure the coefficient of the pitot tube.</p> <p>The apparatus consists of :</p> <ul style="list-style-type: none"> - Pitot static tube: Head diameter: 2.5mm - Transparent Pipe: 32mm internal diameter, 430mm length - Hose connection. - Water manometer, 500mm in length. - A Centrifugal pump of 25mm x 25mm with 1/2 HP Motor - M.S. Sump Tank 80 x 33 x 30cm to collect the water. 	01

[Handwritten signatures]

[Handwritten signature]

Sample Photo for Pitot tube apparatus



8 Metacentric Height Apparatus

Pontoon: 300mm x 300mm (approx.) with a Horizontal Guide Bar for sliding weight and removable strips.
 Graduated arc with Pointer with moveable hanger and set of weights.
 Water
 Water tank Size 500*500*400 mm
 Front Transparent window of tank - Made of acrylic / Perspex/ glass
 A set of weights is supplied with the apparatus instruction manual.
 Apparatus tank will be made of stainless steel pendulum and graduated arc for accurate measurement of tilt angle.

Sample Photo



01

Handwritten signatures

Handwritten signature

CHAPTER 2: QUOTING PROCESS

1. The sealed Quotation should be submitted on or before 24/02/2022 at 3.00 P.M., through post or hand delivery and addressed to the Principal, Indira Gandhi Engineering College Sagar Madhya Pradesh, 470021
2. At the first stage the envelope containing Technical Bid will be opened on 25/02/2022 at 3.30 P.M in the presence of the bidders or their authorized representatives, who choose to be present at the time of opening.
3. If in any case, unscheduled holiday occurs on prescribed closing/ opening date, the next working day shall be the prescribed date of closing/ opening.
4. At the Second stage, price bid of the technically acceptable offers will be opened for further evaluation and ranking for award of the contract/ purchase order.
5. The bidders are advised to go through the notice inviting quotation documents and understand the terms and conditions specified therein before submitting the quotation.
6. The quotation document consisting of Technical Bid (along with all annexures to the technical bid) and Price Bid should be submitted in the Prescribed Format only.
7. The bidders are not allowed to make any addition or alteration in terms and condition in the notice inviting quotation documents. Quotation with change will not be entertained.
8. Each and every page of the submitted bid shall carry the page numbers.
9. All pages of the quotation document shall be signed by the person or persons duly authorized to sign, on behalf of the bidder.
10. No paper / page shall be detached from the quotation document. No addition or alternation should be made in the quotation document. Conditional quotation, late and delayed quotation will not be accepted/ considered.
11. Printed condition at the back of the letter or bid from the supplier will be ignored. If it is desired to apply any particular condition to bid, that must be clearly brought out in the body of the bid itself.
12. The Vendor/Bidder shall be responsible for any postal delay in receipt of the offer. Quotation should be properly sealed.
13. The Vendor/Bidder will be responsible for any pre mature opening of the quotation. prior to reaching to the institute)
14. The offers submitted by telex/ telegram/ fax/ E-mail etc. shall not be accepted and will be summarily rejected.
15. The Vendor/Bidder should stamp and sign on each page of the technical and price bid.
16. Offers should be clearly written or typed without any cutting or over writing. Any cutting / over writing shall not be entertained.
17. Bidders must confirm the acceptance of all the terms and conditions of the notice inviting quotation.
18. Making misleading or false representation in the bid document will lead to disqualification of the bidder.
19. The quotation should be submitted through Registered Post or Speed Post or through Hand delivery.



CHAPTER 3: SPECIAL INSTRUCTIONS TO THE BIDDERS Procedure for sealing and marking of bids: The quotation / Bid Cover shall contain the following:

- a) **FIRST** envelope should contain the Technical Bid along with enclosures desired in the quotation. This envelope should be sealed and super scribed as "TECHNICAL BID" Cover.
- b) **Second** envelope should contain the Price Bid. This envelope should be sealed and super scribed as "PRICE BID" Cover.
- c) All the above mentioned TWO SEPARATE ENVELOPS are to be sealed and kept in one single Larger size outer envelope (**Third** envelope) which should also be sealed and super scribed.
- d) Each of the THREE ENVELOPS shall be super scribed with following details:

Notice inviting quotation reference Numberfor
supply of Due date of
quotationand time
..... In the name of Dept. of
Mechanical Engineering, IGEC Sagar, Near Makroniya Railway Station, Jabalpur Rd,
Baheriya, Madhya Pradesh 470021

Name and complete address of the Bidder
.....

- e) If the TWO inner envelopes and the ONE outer envelope (i.e., larger envelope) are not sealed and marked as instructed, IGEC Sagar will assume no responsibility for the misplacement or premature opening of any of the envelope. An envelope opened prematurely will be rejected.
- f) There shall NOT be any price indication in the technical bid. If for any reason, it is found that the technical bid reveals the price bid related details in any manner whatsoever, or, the price bid is enclosed in the envelope super scribed, "Technical Bid", the bid document will be summarily rejected in the first instance itself. Any offer containing both the Technical bid and Price bids in the same envelop will also be out rightly rejected.

CHAPTER 4: TERMS AND CONDITIONS FOR PURCHASE

Eligibility: The Bidder must be an Original Equipment Manufacturer (OEM) or his Authorized Dealer/ Authorized Distributor/ Authorized Stockiest/ Channel Partner having a Direct Purchase and Support agreement with the OEM. In case, if the Bidder is a Dealer/ Distributor, A valid **LETTER OF AUTHORIZATION** from the Original Equipment Manufacturer for Dealership, Distributorship or for channel partnership must be attached in original, with technical bid, without which the offer will not be considered.

In respect of High Value procurements the following criteria will be applied: The bidder should have executed (i) three similar works, each of value not less than 40% of the estimated cost put to quotation or (ii) Two similar works, each of value not less than 50% of the estimated cost, or (iii) one similar work of value not less than 80% of the estimated cost, during the last 7 years ending on the last day of the month previous to the one in which the quotation are invited.

Technical Specifications are basic essence of the product. It must be ensured that the offers are strictly as per our specifications. At the same time it must also be kept in mind that merely copying our specifications in their quotation shall not make the bidder eligible for consideration. The specifications mentioned in the quotation have to be supported with the printed catalogue/ leaflet / standard technical literature/ broacher for each of the item offered. Model quoted specifications should invariably be highlighted in the leaflet/literature for our easy reference.

Rates: Rates for Indigenous items must be on DOOR DELIVERY Basis, which should be inclusive of all taxes. The break up may be given as given below: Basic Price (+) taxes (+) Freight and Transit Insurance Charge, if any (+) Installation and Commissioning Charge, if any (+) Any other charges, if any Grand Total on Door Delivery Basis at IGEC Sagar (i.e., F.O.R Destination basis)

The price quoted shall be firm and fixed. The rate should be quoted both in figures and words.

Where the equipment is composed of several items/ sub units / components, the rate should be clearly indicated for each of the item/ sub unit/ component.

A purchase order will be issued to Single Vendor for all the supplying items as a whole. The supplier quoted minimum for the total price of all the items as a whole will only be considered for the same.

Prices of each of the additional, optional accessories should be indicated SEPARATELY. The spare parts/ wear & tear, consumables, if any required for trouble free operation of equipment shall be quoted separately giving full nomenclature, rate, quantity and shelf life of each item.

All applicable taxes, duties etc., should be clearly and separately mentioned in the Price bid.

Charges for additional warranty beyond the free warranty period should be quoted separately.

Validity of the Offer: For Indigenous Purchase the offer should be valid for 90 days and for Foreign Purchase it should be valid for 120 days.

Genuine Pricing: The bidder has to ensure that the quoted price for IGEC Sagar is not more than the Price Offered to any other customer in India to whom this particular item has been sold, particularly to Indian Institute of Technology, National Institute of Technology, State/ Central or Deemed Universities, Defense Organizations, Research Establishments or any other Government Institutions. For this purpose the vendor has furnish a price reasonability certificate in the Format Prescribed in Annexure 2 to the Technical Bid. Name and contact details of the premier educational institutes/ government organizations where the quoted item/ equipment has been supplied/ installed during the last three years should be attached with the Proforma for Technical Bid.

PAYMENT TERMS FOR PURCHASES:

No advance payment will be made. No part payment will be made.

For purchases, subject to the submission of Performance Bank Guarantee, full and final Payment will be made maximum within 30 days from the (a) date of delivery of the goods/ materials and acceptance of the same by the IGEC Sagar or (b) supply, installation and successful commissioning of the equipment.

If the vendor fails to furnish the Performance Bank Guarantee, an amount equal to 10% of the Purchase Order value will be withheld and the balance amount will be released.

IGEC Sagar shall not be responsible for any loss, damages and shortage during transit. Payment shall be made for materials received in good condition only.

Payment will be generally through Electronics Transfer of Funds (EFT) system for which the successful bidder has to furnish the following information: Name of the bank with branch where the accounts exist, Bank Account Number, IFSC Code etc.,

Manufacturer country name must be labeled on equipment clearly.

Warranty/ Guarantee:

Nature and maximum period of free warranty offered by the vendor should be clearly indicated.

The equipment must be warranted against all manufacturing defects for a minimum two year or as per standard warranty/ guarantee of the bidder, whichever is more from the date of satisfactory Supply, installation and commissioning.

In case, a part thereof or the whole equipment is found defective the same will have to rectified / replaced on free of charge basis without lapse of time.

The equipment shall be unused, brand new, calibrated and supplied along with the calibration certificate.

PERFORMANCE BANK GUARANTEE (PBG):

As Performance Security, the successful bidder shall furnish an unconditional Performance Bank Guarantee (PBG) from a Nationalized Bank or scheduled commercial bank for an amount equal to 10% of the Purchase order value within 21 days from the date of Purchase Order and it should be kept valid for Warranty Period. The PBG, shall be furnished in the Format specified by IGEC Sagar.

The PBG shall remain valid for the date of completion of all contractual obligation of the supplier including the warranty obligation.

More importantly, the PBG shall be sent by the Bank concerned directly to the quotation inviting Faculty at IGEC Sagar.

Delivery Schedule: Unless otherwise specified, delivery of goods at IGEC Sagar will have to be made within 45 days from the date of receipt of the Purchase Order or as stipulated in the Purchase Order. All aspects of safe delivery shall be exclusive responsibility of the vendor. Part supply/ delivery is normally not acceptable, but may be allowed on genuine cases, on written request only. The acceptance of the equipment shall be based on (i) successful demonstration of the system (ii) satisfactory working of the equipment after successful commissioning as tested by concerned faculty of IGEC Sagar.

Liquidated Damages for delayed supply: If the successful bidder fails to perform the supply or supply, installation and commissioning, within the stipulated time then penalty at the rate of 1% per week subject to a maximum of 10% of the order value will be levied and deducted.

Purchasers' Right: Notwithstanding anything specified in this notice inviting quotation document, The Principal, IGEC Sagar, in his sole discretion, unconditionally and without assigning any reasons, reserve the rights (a) To accept or reject the lowest quotation or any other quotation or all the quotations, at any time prior to the award of the quotation, without incurring any liability to the affected bidder (b) To accept any quotation in full or in part (c) To reject the quotation offer not

confirming to the notice inviting quotation terms (d) To give purchase preference to Public Sector Undertaking wherever applicable as per Govt. Policy/ Guidelines.


No enquiry shall be made by the bidder(s) during the course of evaluation of the quotation till final decision is conveyed to the successful bidder. However, the Purchase Committee or its authorized representative can make any enquiry/seek clarification from the bidders. In such a situation, the bidder shall extend full cooperation. Any effort by the bidder to influence the scrutiny / evaluation committee of IGEC Sagar or any of its members in the processing of quotations or award decisions may result in the rejection of the quotation.

Black listing: The bidder should not have been blacklisted or debarred from participating in bid in any State/ Central Government agencies or autonomous bodies or Universities / Educational Institutions.

Supervision of Erection and Commissioning: Successful bidder shall depute concerned specialist, for supervision of Erection and Commissioning of the machine to be carried out as and when necessary. It is specifically instructed that the bidders will supply all the operating and service manuals and circuit diagrams along with the equipment.

Arbitration: Dispute, if any, arising out of the supply of the Items shall be settled by Arbitration by SOLE Arbitrator to be nominated by the Principal, IGEC Sagar. The Place of Arbitration shall be Sagar M P. The decision of the Arbitrator shall be final and binding on both the parties.

Applicable law, Dispute and Jurisdiction: Legal disputes if any, in connection with this procurement/ contract, are subject to exclusive jurisdiction of Competent Court in Sagar, (Madhya Pradesh, India) ONLY.



Authorized Signatory
(Name &
Designation)





CHAPTER 5: PROFORMA FOR TECHNICAL BID

	Item/ Requirement from the Bidder	Bidders Response should be definite, complete and legible. S.No. Use separate sheet wherever necessary. All the documents enclosed should be arranged in the same serial order as they appear on the Notice inviting quotation Document.		
1	Name and Complete Postal address of the Applicant or Bidder Firm/ Company with phone/ Fax/ Mobile number			
2	Website Address, if any, of the Bidder firm / company			
3	Legal status / Constitution of the Bidder in INDIA : (a) Sole Proprietor (b) Partnership (c) Private Limited (d) Public Limited (e) others			
4	Registration particulars for Establishment / Incorporation of the Bidder as Partnership firm/Private Limited Company/ Public limited Company etc., (Attach documentary evidence)	Authority	Registration Number	Place, date and Year of registration/ incorporation
5	Classification of the bidder (a) Manufacturer or (b) Authorized Agent or (c) Authorized Dealer or (d) Stockiest or (e) others, specify			
6	If the bidder is an authorized dealer/ distributor/ stockiest, whether authorization letter from the Original Equipment Manufacturer is attached? (Note: Without this authorization letter, the bid will not be considered)			
7	Details/ Profile of the Products you are dealing with			
8	(a) Name, (b) address ,(c) designation, (d) phone & cell number and (e) E mail ID of the Contact person of the applicant/ bidder			
9	Income Tax Permanent Account Number (PAN Number) (Attach self-attested Xerox copy)			
10	Annual Turnover during the Last three financial years 2018-19, 2019-20 and 2020-21(Profit and Loss Account and Balance sheet duly audited and certified by a Chartered Accountant and Income Tax Return i.e., ITR for the last three years must be attached)			
11	Latest Income Tax Assessment Completion Certificate/ Income tax clearance certificate and Sales Tax Clearance Certificate (In the event of assessment of the recent previous year having not been completed the certificate of the latest assessment completed may be enclosed) (Proof to be attached)			
12	GST number (Proof to be attached)			
13	Details of ISO or any other certification, obtained by the Bidder			






14	If the bidder even been blacklisted by any Government/ PSU/ University/ Autonomous bodies? Please give details and reasons thereof. If black listed and Revoked give details of the same.							
15	Detailed list of supplying SIMILAR Goods/ Materials/ Machines/ Equipment SUPPLIED to Indian Institute of Technologies / National Institute of Technologies / Indian Institute of Managements / State or Central Universities/ PSU's/ Central or State Government Institutions, during the last three (3) Financial Years: (Attach complete set of supporting documents and use separate sheet wherever required)							
	Purchase Order placed by (full address of the Purchaser)	Purchase Order Number and date	Description and quantity of the ordered item (indicate Capacity/ Size/ Model/ Make)	Value of the Order	Date of completion of delivery as per the contract & Date of actual completion of delivery	Remarks indicating reasons for late delivery, if any	Has the item has been supplied/ installed satisfactorily? (Attach a certificate from the purchaser)	Contact person along with phone number, mail id & address
16	Details of Maintenance and Service Centre Facilities available in Madhya Pradesh and total number of engineers available. What type of maintenance support does your company provide for the spares							
17	Whether "SCHEDULE OF DEPARTURE" from technical Specifications furnished along with the Technical Bid?					Note: This has to be furnished in the Format prescribed in ANNEXURE 1 to the Technical Bid.		
18	Whether "PRICE REASONABILITY CERTIFICATE" furnished along with the Technical Bid?					Note: This has to be furnished in the Format prescribed in ANNEXURE 2 to the Technical Bid.		
19	Whether all the pages of the bid document have been numbered and Page number of the document attached has been mentioned in the Proforma for Technical Bid? Whether documents enclosed with the technical bid are arranged and submitted in the same serial order as they appear on the notice inviting quotation document?							


DECLARATION BY THE BIDDER

1. It is hereby declared that I/ we the undersigned, have carefully read and understood the terms and conditions of the notice inviting quotation document and it is certified that all the terms and conditions of the invitation are acceptable to me/ us and I/ we will abide by the conditions.
2. The information / documents furnished along with our technical bid are true and authentic to the best of my/ our knowledge and belief. I/ we hereby declare that our proposal is made in good faith, without collusion and fraud. No forged / tampered documents are produced with the quotation for gaining unlawful advantage. We understand that IGEC, Sagar is authorized to make enquiry to establish the facts claimed and obtain confidential reports from clients.
3. I/ We / am/ are well aware of the fact that furnishing of any false information/ fabricated document would lead to rejection of our quotation at any stage besides liabilities towards prosecution under appropriate law.
4. We understand that IGEC, Sagar is not bound to accept the lowest or any bid that IGEC Sagar may receive.
5. Neither I/ We, nor anybody on my/ our behalf will indulge in any corrupt activities/ practices in my / our dealing with the IGEC Sagar.
6. Each page of the quotation document and papers submitted by me/ us is authenticated, sealed and signed and I/ We take full responsibility for the entire documents. I/ We certify that the quotation has been submitted in Official Format only and no addition / modification / alteration has been made in the original document.

Authorized signatory of Bidder with Seal

Name.....

Designation.....

ANNEXURE 1 TO PROFORMA FOR TECHNICAL BID**TECHNICAL SPECIFICATION COMPLIANCE SHEET**

Important Note: Where there is no deviation, the statement should be returned duly signed with an endorsement indicating "NO DEVIATIONS". Furnishing of wrong statement may lead to debar.

Technical Specifications as per inviting quotation (POINT WISE)	Compliance to quoted model	Compliance to alternate model	Deviations

Note: Where there are no deviations, the statement should be returned duly signed with an endorsement indicating "No Deviations"

Date:

Place:

Authorized signatory of Bidder with Seal

Name.....

Designation.....

ANNEXURE 2 TO PROFORMA FOR TECHNICAL BID**PRICE REASONABILITY CERTIFICATE**

It is certified that the RATE quoted against the IGEC Sagar invitation of quotation numberdated _____ for the supply, installation and commissioning of

....., is not more than the rates charged to other NIT's / IIT's / Government Organizations / Research Laboratories / Defense establishments, for similar supplies made by our firm, in the recent past. If at any stage, it has been found that the quoted rate to IGEC Sagar is higher than the rates charged to above mentioned Institutions, then in such a situation / condition, IGEC Sagar shall have the right to take legal action against us, for recovery of excess rates

Date:

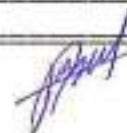
Place:

Authorized signatory of Bidder with Seal

Name.....

Designation.....





CHAPTER 6: PRICE BID FORMAT FOR PURCHASES

Quotation No. & Date:

Name of the Bidder:

S. No.	Description of the item to be procured	Unit	Quantity	Basic Price in Rupees (Excluding all taxes and duties)	GST%	Total Amount in Rupees (Inclusive of all taxes and duties)	Attach the 4 to 5 Photographs From all sides
1A	UNIVERSAL VIBRATION APPARATUS (under the letter head of the bidder Individual Item wise break price shall be attached as an Annexure to this price bid)	Nos.	1				
1B	Calibration of Thermocouple apparatus. (under the letter head of the bidder Individual Item wise break price shall be attached as an Annexure to this price bid)	Nos.	1				
1C	Whirling of shaft apparatus. (under the letter head of the bidder Individual Item wise break price shall be attached as an Annexure to this price bid)	Nos.	1				
1D	Resonance box with Tuning Forks apparatus. (under the letter head of the bidder Individual Item wise break price shall be attached as an Annexure to this price bid)	Nos.	1				
1E	Vapour Compression Air conditioning test rig. (under the letter head of the bidder Individual Item wise break price shall be attached as an Annexure to this price bid)	Nos.	1				
1F	Impact of Jet apparatus. (under the letter head of the bidder Individual Item wise break price shall be attached as an Annexure to this price bid)	Nos.	1				

1G	Metacentric Height apparatus. (under the letter head of the bidder Individual Item wise break price shall be attached as an Annexure to this price bid)	Nos.	1				
1H	Pitot Tube apparatus. (under the letter head of the bidder Individual Item wise break price shall be attached as an Annexure to this price bid)	Nos.	1				
2	Additional / Optional items/ Accessories and Spares etc., (Individual Item wise break price shall be attached as an Annexure to this price bid)						
3	Installation and Commissioning Charges, if any						
4	Packing and Forwarding Charges, if any						
5	Freight and Transit Insurance Charges, if any						
6	Any other charges, if any						
7	TOTAL ALL INCLUSIVE PRICE (Supplied or Supplied, installed and commissioned at IGEC Sagar on door delivery basis. (i.e., F.O.R. Destination Basis)						

Authorized signatory of Bidder with Seal

Note 1 : Price bid Format should be supported with separate sheet duly typed and signed on the letter head of the bidding firm/ company indicating details i.e., different components/ parts/ units of the equipment (if any) with number, name and price of each part.