



**GOVERNMENT COLLEGE OF ENGINEERING, KALAHANDI,
BHAWANIPATNA**
(A Constituent College of BPUT, Odisha)

No:GCEK/ 919

Date:29/08/18

**TENDER CALL NOTICE FOR SUPPLY OF PHYSICS AND CHEMISTRY LAB
EQUIPMENTS**

Sealed Tenders are invited from Reputed Agencies / Firms / Authorized Dealers/ with valid GSTIN for supply of physics and chemistry lab equipments . The interested bidders are required to send their sealed tenders along with a signed photo copy of authorized dealer's certificate and all other necessary documents. Tender document including non-refundable fees of Rs1000/-(Rupees One Thousand only) in the form of DD drawn in favour of “ **Principal, Government College of Engineering, Kalahandi**” payable at **Bhawanipatna** from any Nationalized Bank on or before 15/09/18 upto 5.00pm & the bids will be opened on 20/09/18 at 3:00 PM. For further details and specifications please visit our website www.gcekbpatna.ac.in.

Conditional Tenders are not acceptable. The undersigned reserves the right to extend the date and accept or reject any or all Tender without assigning any reason thereof.

Sd/-

PRINCIPAL

1. Copy forwarded to M/S Akar Advertising & Marketing Pvt.Ltd.Plot No. M-5/7, Acharya Vihar,Bhubaneswar-751013 with a request to publish the above issue in The Samaj, The Sambad, all Odisha edition in one issue.
2. Mr.Gopal Behera, Asst. Professor & Prof. in-charge, Institute Website for kind information. He is requested to make it to display in the Institute Web Site.
3. Accounts Officer for information & necessary action.
4. Copy forwarded to National information Center , Kalahndi to display in the Nic website.

TERMS & CONDITION

1. Bid security (EMD): The firms/Bidders' participating in the Tender is required to submit Earnest Money Deposit (Bid Security) not less than @1% (Round up to nearest Hundred) of the quoted value per schedule in shape of Demand Draft or Bank Guarantee in the enclosed format (Annexure-1) drawn in favor of **Principal, Government College of Engineering, Kalahandi** payable at **Bhawanipatna** failing which the bid shall be summarily rejected. The bid security shall be returned to unsuccessful bidders on finalization of order. In the event of failure to execute the supply order or violation of terms and conditions, the EMD shall be forfeited.
2. Liquidity damages: The penalty clause also will be applicable in case of late delivery of Stores the rate of liquidity damages shall be 0.5% per week and the maximum deduction is 10% of the contract.
3. Performance Security
 - i. Within 15 days after the Supplier's receipt of Notification of Award, the Supplier shall furnish Performance Security to the Purchaser as enclosed at Annexure-II for an amount of 5% of the contract value, valid up to 60 days after the date of completion of Performance obligations including warranty obligations.
 - ii. The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
 - iii. The Performance Security shall be denominated in Indian Rupees and shall be in one Of the following forms:
 - a. A Bank guarantee or irrevocable Letter of Credit, issued by a nationalized/ scheduled bank located in India or a bank located abroad acceptable to the Purchaser, in the form provided in the bidding documents or another form acceptable to the Purchaser; or
 - b. A cashier's check, certified check, or demand draft. The performance security will be discharged by the Purchaser and returned to the Supplier not later than 30 days following the date of completion of the Supplier's performance obligations, including any warranty obligations.
4. Authorization from Manufacturer: In the case of a Bidder offering to supply goods under the contract Which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' Manufacturer or producer to supply the goods in India, Bidders shall furnish the manufactures authorization certificate in prescribed format as annexed at Annexure-III (Enclose detail Technical Literature/ Brochure of the Product quoted) along with (i)copy of Manufacturers Industry Registration Certificate (ii)copy of Sales Tax registration Certificate issued from competent authority (iii) GSTIN Certificate (iv) PAN Xerox copy (v) Tender Cost (vii) EMD.
5. Proof of Manufacturing and past performance: Details of experience and past

- performance of the bidder on equipment Offered and on those of similar nature within the past one year and details of Current contracts in hand and other commitments must be attached in the separate sheet along with Bid document.
6. The Authority reserves the right to cancel the bidding process or reduce the item quantities or reduce the schedule/schedules at any time prior to the award of contract, without indicating any reason thereof.
 7. **GOODS/CONSIGNEE:** The material shall be delivered at **GCEK, Bhawanipatna** Within 30 (Thirty) days from the date of issue of Purchase Order. The goods on delivery will be physically verified by the Consignee Principal of GCEK, Bhawanipatna through local Technical Experts of his Institute and it shall be responsibility of the suppliers to arrange demonstration on functioning of individual Goods wherever required within a 15 days from the date of supply.
 8. The authority holds all the rights to offer the assignment to any of the Bidder in case of equal quotes.
 9. During transportation any damage to the material will be responsibility of the firm.
 10. The institute will not under obligation, give any clarification to the Firm whose tender are rejected/not selected.
 11. The institute is also not bound to accept the lowest Price (L1) quotation.
 12. The institute reserves the right to reject any or all or part of quotation without assigning any reason thereof.
 13. The sealed envelope super scribing "TENDER CALL NOTICE FOR SUPPLYING Physics and Chemistry Lab Equipments " should be sent to the undersigned to the address" **The Principal, Govt. College of Engineering Kalahandi, Bhawanipatna, At: Bandopala, Po: Risigaon,Dist-Kalahandi-766002**"on or before 15/09/18.

List of Equipments with Specification of Physics Laboratory

Sl No	Name of Equipment	Specification	Qty	price
1	Double Slit diffraction	Laser source Double Slits Optical bench Two-Axis Adjustable Laser Holde Photoreceiver with Amplifier Transverse Measurement Holder	01	
2	Grating	25000 lines per inch	05	
	Couple pendulum	Couple pendulum rod Couple pendulum weight Support base Support rod Support beam Mounting rod Spring Vernier motion sensor Vernier data logger"		
3	Geiger Muller Counter	Mica window density (1.4 - 2.0 mg/cm squared) Plateau voltage (~ 950 volts) Plateau length (greater than 200 V) Plateau slope (less than 10%/100 V) Dead time (~ 200 us)"	01	
04	Grating	25000 lines per inch	05	
05	Rydberg 's Constant	Spectrometer (L.C. = 20 sec) Diffraction grating Spectrum tube power supply Hydrogen tube Power supply 12V AC/DC Spectrometer and Goniometer Allen key"	01	
06	Michelson's Interferometer	Short focal length telescope to observe the fringes Sodium vapour lamp (35 watt) with choke and enclosure Output Power 3.5mW; along with screen with base to observe the fringes Output Power 1.0mW with Collimator of 25mm aperture Mount for He-Ne laser having provision to align laser beam in horizontal direction Screen with base to observe the fringes	01	
07	Oscilloscope	Frequency bandwidth (100 MHz) Number channels (4) Sensitivity (2 mV/div - 5 V/div) Accuracy ($\pm 2\%$)"	01	
08	Resistivity by four probe method	Four probe experimental setup Oven Four probe arrangement Sample crystal (Ge) Thermometer"	01	

09	Single slit diffraction	Laser source Narrow slit Pattern of nate light and dark bands Optical bench White Screen Two-Axis Adjustable Laser Holde Photoreceiver with Amplifier Transverse Measurement Holder	01	
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Specifications for Chemistry Lab Equipment

Sl No	Name of Equipment	Specification	price
1	Temperature controlled water bath	Double walled, leak proof, microprocessor based temperature controller with Set temp. & actual temp display and stirrer containing min. 12 holes. Temperature range- 5°C above ambient temperature to 99 °C.	
2	Digital pH meter	Red LED display with temperature 0-100C. Range: 0-14 pH, Accuracy: 0.01± 1 digit and mV: ±0.1%. Power- 230V, AC 50Hz.	
3	Wall mounted Water distillation unit	Wall mounted, low running cost, simply, electric run Quartz double distillation unit with production capacity approx. 4L per hour. Electronic watch dog water level system with auto heater cut-off when water level is low along with buzzer. Power supply: 230 V, AC 50Hz.	
04	Digital RedWood Viscometer	Digital temp display with sensor. Easy to operate with longer service life. Digital temp display with sensor. Easy to operate with longer service life.	

Financial Bid

1. The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - a. All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
 - b. Sales tax in connection with the sale shall be shown separately.
 - c. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account. The Prices shall be quoted in Indian Rupees only.
2. Validity of Tender: Tender shall remain valid for a period not less than 90 days after the deadline date specified for submission.
3. Evaluation of Tenders: The Purchaser will evaluate and compare the Tenders determined

to be substantially responsive i.e. which (a) Are properly signed; and (b) Conform to the terms and conditions, and specifications

Sales tax in connection with sale of goods shall not be taken into account in evaluation.

4. Award of contract

The Purchaser will award the contract to the bidder whose Tender has been determined to be substantially responsive and who has offered the lowest evaluated Tender price.

4.1. Notwithstanding the above, the Purchaser reserves the right to accept or reject any Tenders and to cancel the bidding process and reject all/part of Tenders at any time prior to the award of contract.

4.2. The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the Tender validity period. The terms of the accepted offer shall be incorporated in the purchase order.

5. **Payment Terms**

Payment shall be made after receipt of stock entry certificate from the Consignee Principal which shall be made by the Consignee after satisfactory supply the goods within due date of delivery.

6. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.

BID SECURITY FORM

Whereas..... (hereinafter called "the Bidder") has submitted its bid dated..... (Date of submission of bid) for the supply of(Name and/or description of the goods) (hereinafter caned "the Bid").

KNOW ALL PEOPLE by these presents that WE..... (Name of bank) of..... (Name of country), having our registered office at..... (Address of bank) (hereinafter called "the Bank"), are bound unto.....(name of Purchaser) (hereinafter called "the Purchaser") in the sum of..... for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this _____ day of _____ 20_____.

THE CONDITIONS of this obligation are:

- 1. If the Bidder
 - (a) Withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form or (b) Does not accept the correction of errors in accordance with the Tender; Or
- 2. If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of bid validity:
 - (a) Fails or refuses to execute the Contract Form if required; or
 - (b) Fails or refuses to furnish the performance security, in accordance with the Instruction to Bidders:

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand. Without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including Thirty (30) days after the period of the bid validity, and any demand in respect thereof should reach the Bank not later than the above date. (Signature of the Bank)

Name of Bidder

PERFORMANCE SECURITY FORM

To
The Principal,
Government College of Engineering, Kalahandi
Bhawanipatna

WHEREAS.....

(Name of Supplier) hereinafter called "the Supplier" has undertaken, in pursuance of Contract
(Notification of Award) Nodated20... to supply..... (Description of Goods and Services) hereinafter called "the Contract".

AND WHEREAS It has been stipulated by you In the said Contract that the Supplier shall furnish you with a Sank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Suppliers performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a Guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of..... (Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument. any sum or sums within the limit of (Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the..... day of20

Signature and Seal of Guarantors
Date.....20.....
. Address.....
.....

MANUFACTURERS' AUTHORISATION FORM

No: _____

Date:

To
The Principal
Government College of Engineering,
Kalahandi Bhawanipatna

REF:

Dear Sir,

We _____ who are established and reputed manufactures/ authorized distributors/ dealers of _____ having office at _____ (Address of office) hereby authorized M/s. _____ (Name and Address of agent) to submit a bid and sign the contract with you against bid.

No company or firm or individual other than M/s. _____ are Authorized to bid and conclude the contract in regard to this business against this specific IFB.

We hereby extend our full guaranty and warranty as per general conditions of contract for the goods and services offered by the above firm against this bid.

Yours
faithfully,

(Signature for and on behalf of manufacturers/authorized distributors/ dealers)

Note: 1. This letter of authority should be on the letterhead of the manufacturers/authorized distributors/ dealers and should be signed by a person, competent and haying the power of attorney to bind the manufacturers/authorized distributors/ dealers. It should he included by The Bidders in its bid.

2. Attach copy of vendor /Bidder /Firm Registration Certificate & copy of Sales Tax registration Certificate issued from competent authority.

Sd/-
PRINCIPAL