

Tender documents for Supply & installation of Lab Equipment for Physics Dept.

SHRI GURU GOBIND SINGHJI
INSTITUTE OF ENGINEERING & TECHNOLOGY,
VISHNUPURI, NANDED - 431 606



TENDER DOCUMENTS

For

Supply & Installation of Lab Equipment

For

Physics Department

Tender Notice No.

SGGSIE&T/Stores-2893/Lab Equipment/Physics/2018-19 Date: 12/12/2018

Tenders available on

Institute Web site <http://www.sggs.ac.in>

File No. SGGSIE&T/Stores-2893/Lab Equipment/Physics/2018-19

Price of Tender Documents Rs. 500/- [Online Payment]

Tender documents for Supply & installation of Lab Equipment for Physics Dept.

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INSTITUTE OF ENGINEERING & TECHNOLOGY,
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File No.SGGSIE&T/Stores-2893/Lab Equipment/Physics/2018-19

Date: 12/12/2018

NOTICE FOR INVITATION OF TENDER

1. The institute invites sealed tenders/quotations for **Supply & Installation of Lab Equipment** for **Physics** at our institute from **Manufacturers / Authorised Dealers**, suppliers who have registered under Shop Act, GST Registration No. as **manufacturer / Authorised Dealers, suppliers of the same material**; details as per the Tender Notice published in News paper. (**Press note** enclosed here with).
2. The Terms and conditions, which are Govern the contract made on behalf of the institute, are also enclosed.
3. The Tenderers is requested to read the enclosed instructions; Terms and conditions carefully read before quoting the rates in quotations / Tender Schedule and comply with the same.
4. The Tenderer should satisfy & comply all the Terms & conditions and instructions, which are mentioned in the Tender Notice and in this tender document.
5. The institute reserves the all rights to delete any item to increase or to decrease the quantity of any item or items from the Tender Schedule.
6. The right to increase or decrease the quantity of the required item is reserved, the right to cancel the any item or items is reserved with the institute.
7. **The right to accept or reject any / or all the tenders/quotations from any or all parties without assigning any reason is reserved.**

**Sd/-
DIRECTOR
Shri Guru Gobind Singhji
Institute of Engg. & Tech.
Vishnupuri, Nanded.**

Tender documents for Supply & installation of Lab Equipment for Physics Dept.



Press note
SHRI GURU GOBIND SINGHJI
INSTITUTE OF ENGINEERING AND TECHNOLOGY,
VISHNUPURI, NANDED 431 606

File No.SGGSIE&T/Stores-2893/Lab Equipment/Physics/2018-19

Date: 12/12/2018

TENDER NOTICE

Sealed Tenders / quotations are invited for **Supply & Installation of Lab Equipment** for the Department of **Physics Department** of this institute, from manufacturers/Authorised Dealers, those who have registered under Shop Act, GST Registration No. for required goods. The Tender documents containing all detailed **specification of the equipment & tenders terms and conditions** will be available on our web site <http://www.sggs.ac.in>. Vendors can download and submit along with tender fee receipt of **tender document's fees Rs. 500/-**. (Pay online on <https://www.onlinesbi.com> only) Also tender documents will also be issued from **12/12/2018 to 26/12/2018** between 10.30 am to 01.30 pm. **EMD Rs. 9,000=00** [Pay online on <https://www.onlinesbi.com> only]. All tenders should be submitted on or before **28/12/2018 at 1:00 pm** & technical bids will be opened on **28/12/2018 at 3=00 pm**. If possible technical bids are qualified, the commercial bids will be opened on the same day or informed further date.

The right to accept or reject any or all the quotations / tenders from any or all the parties without assigning any reason is reserved, with the competent Authority of the institute.

**Sd/-
Director**

Tender documents for Supply & installation of Lab Equipment for Physics Dept.

SHRI GURU GOBIND SINGHJI
INSTITUTE OF ENGINEERING & TECHNOLOGY,
VISHNUPURI, NANDED. 431 606

File No.SGGSIE&T/Stores-2893/Lab Equipment/Physics/2018-19

Date: 12/12/2018

INSTRUCTIONS TO TENDERERS

1. The Tenderer should submit quotations / Tenders in sealed Envelop super scribing the Tender Notice No. SGGSIE&T/Stores-2893/Lab Equipment/Physics/2018-19 Date 12/12/2018
2. We are giving here with tender schedule with **specifications of the supply & installation of Lab Equipment for Physics department of the institute. Your quoted goods/material & accessories/allied components should be strictly as per our specifications**, and should be given with detailed specifications in writing on your letter head along with catalogue.
3. **Tenders / Quotations received late will not be considered and postal delay will not be entertained.**
- 4 The quotations in sealed covers should reach this office at **Vishnupuri, Nanded** on or before date **28/12/2018 at 1.00 PM.**
- 5 Sealed cover should be super scribed as **“Quotation for “Supply & installation of Lab Equipment” For Physics Department.**
- 6 The Technical Bids will be opened on date **28/12/2018** at 3.00 P.M. and scrutinized all required documents / certificates and if qualified then opened qualified commercial bid if possible on same day or as per committee decision.
- 7 All the terms and conditions are enclosed herewith.
- 8 The Tenders / quotations should be two Bid systems, and Tenderer should submit detailed statement for their own specifications. If not as per our specifications giving the details (facts). Submit the statement in your technical bid i.e., envelop No. 1
- 9 Procedure for submission of quotations:- Tenderer should note that they will have to submit two separate sealed envelopes as below:
- 10 **a) ENVELOPE No. 1 [TECHNICAL BID]:**The first Envelope should be clearly marked as **“ENVELOPE No. 1” for “Supply & Installation of Lab Equipment for Physics Department”** along with envelope no. 1 shall be consisting of the following documents.
 - i) **Shop Act Registration Certificate**
 - ii) **GST Registration Certificate**
 - iii) **Copy of Income Tax Returns. [Back three years]**
 - iv) **Tender Fee: Rs. 500/-.** Online tender fees receipt should be attached with technical bid. [Not Refundable] Tender fee pay on online website <https://www.onlinesbi.com>
 - v) **E.M.D.:- 9,000/-** Online EMD receipt should be attached with technical bid. EMD pay on online website <https://www.onlinesbi.com>. [E.M.D. amount will be refundable after 90 days without interest from the date of opening of the quotations.] The firms those have registered with CSPO, SSI Units, NSIC, and DGS&D will be exempted from payment of E.M.D., **but they should submit the written evidence accordingly with that effect.**
 - vi) **Original manufacturers certificate** as they are manufacturing the quoted equipment. / Authorised Dealership Certificate from manufacturers.

Tender documents for Supply & installation of Lab Equipment for Physics Dept.

b) ENVELOPE No. 2 [Commercial Bid / envelope for Rates]: -

The second Envelope clearly marked as “ENVELOPE No. 2” for Tender/Quotation for “**Supply & installation of Lab Equipment for Physics**”

Envelope No.2 Commercial Bid should be contain only the Rate/Price of Equipment /Instrument/Software/Etc.

11 **The tenderer should note that in case Envelope No. 1 does not contain Tender fee receipt, EMD receipt, registration of Shop under Shop Act, GST Registration No., or any documents required as per technical bid the Envelope No.2 will not be opened and the offered quotation will be liable for rejection.**

12 The tenderer should **quote the rates on quotation/our enclosed Tender schedule duly signed with date and seal of firm.** He should not quote the rates anywhere directly or indirectly in Envelope No. 1.

13 If there is any correction in quotation, **every correction/s in the rates should be initialled by the Tenderer.**

14 Tenderer must follow all instructions, terms and conditions. If he fails to follow any of the conditions, and instructions, his / her Tender / Quotation are to be liable for rejection.

15 Tenderer, whose rates are found to be lowest & as per our specifications, will be informed about the same, He will have to deposit 5% amount of total quantity as Security Deposit (S.D.); after receipt of S.D. orders will be placed.

16 If the Tenderer is manufacturer or authorised dealer and the item is the PROPRIETARY item then they should furnish the “PROPRIETARY ITEM CERTIFICATE” along with the quotation /Tender.

Sd/-
DIRECTOR
SGGSIE&T
NANDED

Tender documents for Supply & installation of Lab Equipment for Physics Dept.

**SHRI GURU GOBIND SHINGHJI INSTITUTE OF ENGINEERING & TECHNOLOGY,
VISHNUPURI, NANDED. 431 606**

File No.SGGSIE&T/Stores-2893/Lab Equipment/Physics/2018-19

Date: 12/12/2018

TERMS AND CONDITIONS

1. The rates should be quoted as F.O.R. Destination at our **Vishnupuri, Nanded.**
2. The rate should inclusive, off all taxes as mentation by state & central Govt.
3. The Freight, Packing, Forwarding and Insurance Charges must be inclusive.
 - a) If it is not possible to quote the rates F.O.R. at VISHNUPURI site, then Freight, Packing, Forwarding and Insurance should be quoted in percentage clearly calculated in amount.
 - b) Transit insurance has to be done by the contractor/supplier at supplier's cost. If extra quoted will be payable by us with total bill amount by verifying the insurance documents.
4. The validity period for the rates offered should be clearly mentioned and it should be minimum 180 days from the date of opening of a items quoted should be confirms our specification, in addition, please furnish your detailed specifications against each item, the relevant catalogue/pamphlet should be necessary to accompany with the quotations; if any deviations in the specifications then please submit the statement duly signed as mentioned in "Instructions to Tenderer", clause No.8 and clause No. 9 (iv).
5. The delivery period should be clearly stated.
 - a) Liquidated Damages: Firm should have to quote the delivery period clearly from the date of receipt of order or confirmed order.
 - b) If supplier fails to supply the ordered material within the scheduled delivery period, for late delivery of goods we will entitled to recover the liquidated damages as a sum equal to ½ percent of the price of stores delivered late per week.
6. Extension of Delivery period: The delivery period as mentioned in purchase order may be extended.
 - i) If the completion of supply of goods/components/equipments/etc is Delayed due to reasons such as act of God, act of Public enemy, Wars, Act of Government, Fires, Floods, Epidemics, Quarantine, Restrictions, Strikes and Freight embargoes the delivery period may be extended.
 - ii) Supplier will have to give notice within 10 days to this institute in writing of his claim for an extension of the delivery period. After receipt of such notice and verification; if necessary the delivery period will be extended but without prejudice to other terms and conditions of the purchase order and Tender notice/Tender document's conditions.
 - iii) If supplier has delivered material even after expiry of extended delivery period then we will be entitled to recover the liquidated damages.
7. The instructions manual for each equipment/components/machinery/material should be supplied separately with each item/s supplied.
8. Supplier's Technician/Engineer on free of cost must carry out the demonstration and installation at our site.
9. The institute reserves the right to accept any/all quotations, reject any/all quotations and to order any of the item/s in any quantity without assigning any reason.
 - a) The institute reserves the right with itself to delete any item/s from Tender Enquiry.
10. The items will be checked at the institute and acceptance is subject to the approval of the institute.
11. If the supply of goods/equipments/material or any part there of is rejected by the institute, the supplier will have to bear all expenses incurred in the matter including all charges for return and replacement of the items. The rejected material/ equipments/parts of equipments should be got it back by supplier on their own cost.

12. PAYMENT CONDITION:-

[Send Your Bank Details i. e. name of Bank, IFSC code, mobile number etc]

*** For equipments and instruments/components etc those items are required to install and demonstrate at this institute:**

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Tender documents for Supply & installation of Lab Equipment for Physics Dept.

I. 90% payment on demonstration of satisfactory working and installation of instruments/equipments/goods/components and balance 10% after 30 days for balance 10% firm has to submit separate bill/invoice.

*** For the items those need not to install and demonstrate at this institute:**

II. 100% payment will be released after receipt of material in good condition and approved by this institute.

13. Inspection of Goods: - The ordered equipments/goods/instruments will be inspected if required by our representative at your workshop/show room before despatch of goods.

a) The supplier should inform the date of inspection in advance by 10 days.

b) The supplier will have to provide free lodging and boarding facilities to our representative who would carryout inspection.

14. The equipments should be guaranteed for minimum one year from the date of installation of the goods.

15. The repairs within the guarantee period must be carried out at own cost of supplier.

16. If any damages in transit, that should be repaired / or equipments should be replaced by the supplier of their own cost.

17. The gate pass of excise duty must be supplied in duplicate.

18. Demurrage: - If any demurrage will be charged due to any delay any other reasons from supplier; then the same should be beard by supplier or it can be deducted from their final payment.

19. Mode of Despatches: - Equipments/Stores/Components/Machineries should be despatched by Railway or Road Transport as per availability of facilities. The road transporters office / Godown must be available at Nanded City. A copy of the invoice / bill and packing list should invariably be kept inside each of the packages.

20. The package should be marked as follows

I) Consignee: - Director, S.G.G.S. Institute of Engg. and Tech., VISHNUPURI, NANDED – 431 606 (MAHARASHTRA)

II) Purchase Order No. _____ Date _____ Department. _____ R.R. /L.R. No. _____ Number of cases/packages _____ S.G.G.S. Institute of Engineering and Technology, VISHNUPURI, NANDED (M.S.)
Destination: Nanded.

21. Cancellation of purchase orders: - institute reserves the right to cancel the purchase orders on following grounds.

a) If supplier fails to supply the goods/equipments/machinery/components within the delivery period without confirmation of extension of the period from the institute or without obtaining the permission for extension of delivery period.

b) If the supplier fails to supply the goods within extended delivery period.

c) If supplier fails to follow the terms & conditions and instructions as mentioned in the tender documents or conditions mentioned in purchase orders.

d) If supplier found defaulter.

22. The institute has reserves the right to place an order for any party who is ready to supply on lowest rate for the items cancelled the order as above clause 21, and institute has reserves the right to place an order on 2nd lowest rate if any supplier not ready to supply on 1st lowest rate for items which order cancelled (which was placed on 1st lowest but party fails to supply).

23. Security Deposit: - Successful tenderer will be informed that their quotation/Tender rates are acceptable to us, such Tenderer should deposit the **5% value** of the equipments/order value; in form of Demand Draft/Bank Guarantee in favour of Director, S.G.G.S.I.E.& T., Nanded, payable at State Bank of India, main branch, Vazirabad, Nanded or any Nationalised Bank at Nanded. The Security Deposit will be refundable after completion of 1 year from the date of complete payment of ordered items.

24. Exemption from security Deposit: - The following tenderer s are exempted from the payment of Security Deposit

Tender documents for Supply & installation of Lab Equipment for Physics Dept.

- I. If the Tenderer has produced a certificate from the Director of Supplies & Disposal, Bombay to affect that they are exempted from payment of Security Deposit.
- II. All Government and Semi- Government Institutions under Govt. of Maharashtra and Zilla Parishads in Maharashtra and fully owned Undertakings of any State Govt. and Govt. of India; they have to produce such certificates for exemption from payment of Security Deposit.
1. The Security Deposit is liable to be forfeited in the event of non-fulfilment of terms and conditions by the tenderer.
- a) If any stores, equipment/all equipments or any parts of equipment Is/are damaged in transit, and not replaced by supplier within stipulated period as notified by institute. We will recover the damages and applicable expenditure will be deducted from balance payment of supplier or from Security Deposit; or Security Deposit will be forfeited.
25. All the replacement of stores/equipments shall also be guaranteed for a period of 12 month from the date of installation and demonstration.
26. If any short supply is found at the time of verification/inspection of material/checking of material on its receipt, the supplier will have to supply the material within 15 days. Non-compliance of the order will compel institute to recover the cost from balance payment.
27. Repeat order:- If necessary/any equipment/stores is required in additional number, the repeat order will be placed on previous purchase order. The supplier should have to supply the equipment/s, stores as per the previous rates.
28. Training: - If we required training facility to our representative/staffs the supplier should have to provide training facility on free of cost.
29. The origin of stores offered whether Indian or foreign and in the case of the former State in which it is manufactured should be clearly stated against each article/equipment.
- 30. IMPORTED EQUIPMENTS: -**
- a) If any tenderer is going to quote the imported equipments, he should quote the rates in Indian currency (Rupees), and he should note that, if the item finalised to purchase they should supply at our door delivery and payment will be made in Rupees only.
- b) If such equipments are in foreign currency and agent/or manufacturer/dealer has quoted the equipments. The Tenderer should have to quote the rates, all charges, Freight, Insurance clearly. F.O.R. VISHNUPURI site; If finalised to purchase the imported equipments, he should do the all Import formalities; and must be followed all other conditions of Tender Notice/documents and purchase orders; and the tenderer has to supply at our site.
31. **Rate Contract:** - If the item/s is/are covered under DGS&D Rate contract, the tenderer should quote DGS&D Rate contract number, furnish the copy of the Rate contract and other relevant particulars.
- 32. Disputes:** - If any disputes or differences, questions what so ever arises the same subject to Nanded Jurisdiction.

**Sd/-
DIRECTOR
S.G.G.S.I.E. & T., Nanded**

Encl. Tender schedule

Tender documents for Supply & installation of Lab Equipment for Physics Dept.

**SHRI GURU GOBIND SINGHJI
INSTITUTE OF ENGINEERING & TECHNOLOGY,
VISHNUPURI, NANDED. 431 606**

TENDER SCHEDULE

File No.SGGSIE&T/Stores-2893/Lab Equipment/Physics/2018-19

Date: 12/12/2018

Name of the Head of Stores: Equipments / **Non – Recurring** [Dead Stock]/ **Recurring**

Note: Please read carefully all instructions, required specifications, Terms & conditions before quoting the rates.3

Sr. No.	Name of the Equipment & Technical Specification of the equipment	Req. Qty.	Rate Inclusive of all taxes	Unit	Total Amount Inclusive of all taxes	Remark / Make
01	SET UP Thermal and electrical conductivity [Specification enclosed herewith]	2				
02	Michelson interferometer [Specification enclosed herewith]	2				
03	Hall effect apparatus [Specification enclosed herewith]	1				

1) SET UP Thermal and electrical conductivity

Cat. No.	Item Name	Qty
CD549	Conductivity rod Cu	1
CD550	Conductivity rod Al	1
CD554	Calorimeter Vessel	1
CD553	Calorimeter Vessel with rod holder	1
SW979	Laboratory jack	1
R8213	Digital weighing balance	1
IH	Immersion heater	1
	Temperature sensor	3
	Data Logging Interface	1
SV190	Three finger clamp	3
	Support base (Cat no. SH319+SH317)	1+1
	Support rod (Cat no. SH323+SH316)	1+1
SW092	Bosshead	5
SE1003	Power supply 20Amp	1

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SR010	Microvoltmeter	1
LP18	Connecting lead	4
SC228	Glass beaker	1

Specification

Conductivity rod cu/Al

Dimension: 420 x25.4mm (Length x Diameter) Current Connection: 4mm socket Temperature Point: 10 Nos., equal spacing 35mm Calorimeter Socket: 20 x 20mm (Length x Diameter)

Vernier temperature sensor-

Range: -40 to 135°C Sensor: 20 kΩ NTC Thermistor Accuracy: ±0.2°C at 0°C, ±0.5°C at 100°C

Power supply

Input Voltage: 220V, ±5%, 50Hz AC Output Voltage: 0-30V Voltage Resolution: 0.1V Voltage Display: 2 1/2 Digit LED Output Current: 0-20 Amp Current Resolution: 0.1 Amp Current Display: 2 1/2 Digit LED Protection: Current-Limiter Primary fuse: 8 Amp

Three finger clamp

Input Voltage: 220V, ±5%, 50Hz AC Output Voltage: 0-30V Voltage Resolution: 0.1V Voltage Display: 2 1/2 Digit LED Output Current: 0-20 Amp Current Resolution: 0.1 Amp Current Display: 2 1/2 Digit LED Protection: Current-Limiter Primary fuse: 8 Amp

Bosh head

Object type: Square & round shape Object size: Up-to 13mm dia Material: Aluminium alloy Object can be held both vertically and horizontally

Support base

Object type: Square & round shape, Object size: Up – to 13mm dia, Material : Aluminum alloy, Object can be held both vertically and horizontally

Laboratory Jack

Material:Aluminum, Top plate size: 160x130mm, Static Loading : 10kg, Vertical Elevation : 65 to 260mm

2) Michelson interferometer

Cat No.	Item Name	SK002	SK025
SW933	Michelson Interferometer	1	1
SL930	Sodium light source	1	
C0412	Telescope	1	
C0423	Pin hole	1	
C0390	Ground glass	1	
R3891	He-Ne laser		1
CD556	Microscope objective with holder		1
C1734	Object screen		1
SW978	Lab jack		1
SG110	Cylindrical base		1
C0379	Holder		

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Interferometer:

Base dimension : 290x212x168mm (LxWxH)

Distance (M2 & BS) : 100mm

Beam splitter : 50 x 38 x7mm (LxWxT)

Compensating plate : 50 x 38 x 7mm (LxWxT)

Mirrors M1 and M2 : 30 mm dia, thickness 10mm

R:T : 50 : 50

Flatness of beam splitter : $\lambda/8$

Least count: 0.01mm (coarse adjustment knob)

Least count: 0.0001mm (fine adjustment knob)

Laser Source

Starting Voltage : 470Volts

Input Voltage: 220V, 50Hz

Lamp House: 300x85mm(L x dia.)

Aperture dia.: 25mm

Scope of supply : complete with housing for sodium vapour lamp, transformer, base, Mounting rod, Bosshead and Sodium Bulb.

Jack

Plate material: Aluminium

Top plate size: 32 x 22cm

Static Loading : 20Kg

Vertical Elevation: 70 to 270mm

3) Hall effect apparatus

Electromagnet

Field intensity: 10KG in an air gap of 10 mm , pole pieces: 50mm dia

Energising Coils: two, each coil wound on non magnetic formers and has a resistance of 10 ohms

Yoke material: U shaped soft iron

Power supply for electromagnets

High current continues power supply is workable on 220 V 50 Hz

Constant current power supply 0-20 milliamp, 0-200mV

Digital Gauss meter

Range: 0-2 Kilo Gauss at 0-20 Kilo Gauss

Resolution: 1, Gauss at 0-2 Kilo Gauss Range

Accuracy: 0.5%

Display: 3.5 Digit, 7 segment LED DPM

Power : 220Volt

Transducer: Hall Probe with an imported

Hall element.

Tender documents for Supply & installation of Lab Equipment for Physics Dept.

I / we agree to the all above terms and conditions of Tender documents and required specification of the items as per above tender schedule of the **Tender notice No. SGGSI&T/Stores - 2893/Lab Equipment /Physics/2018-19 Date : 12/12/2018**

Name of the firm:

Seal of the firm:

Signature of Tenderer: _____

Quotation no.: _____

Date: _____

Details of Certificate & documents attached [pl. mark as√]

1. Shop Act Registration Certificate.
2. GST Registration Certificate.
3. Copy of Income Tax returns
4. Tender Fee Receipt.
5. EMD Receipt.
6. Manufacturer's/Authorized dealership certificate should certify that the items quoted are manufactured by them only.

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