

OFFICE OF THE PRINCIPAL, LAXMINARAYAN COLLEGE, JHARSUGUDA

NO. 1199

TENDER/QUOTATION CALL NOTICE

DATE. 19.07.2023

Sealed quotations are invited for laboratory equipments from the interested registered firms/authorized suppliers having IT & GST clearance. The sealed quotations should reach the office of the undersigned on or before Dt.04/08/2023 by 5 PM through registered/speed post.

For details visit the college website www.lncollegejsg.org .

Principal

L. N. College, Jharsuguda

Principal
Laxminarayan College
JHARSUGUDA

LAXMINARAYAN COLLEGE JHARSUGUDA



TENDER DOCUMENT

For

THE PROCUREMENT OF LABORATORY EQUIPMENTS UNDER THE
SCHEME OF 'IMPROVEMENT OF SCIENCE LABORATORY'
BY THE DEPARTMENT OF HIGHER EDUCATION,
GOVERNMENT OF ODISHA'

Tender Advertisement No.1199/Dt.19.07.2023

(The Pragatibadi All Odisha Edition)

OFFICE OF THE PRINCIPAL LAXMINARAYAN COLLEGE, JHARSUGUDA

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Sd/-Principal
L. N. College, Jharsuguda

Principal
Laxminarayan College
JHARSUGUDA

INSTRUCTIONS TO BIDDERS

- 1) Bidder shall prepare the bids (Technical and Financial bids separately in two envelopes) and submit them in a sealed envelope addressed to Laxminarayan College, Jharsuguda and send it through Speed Post/Registered Post only (no other means will be entertained). Each envelope should bear the name of bidder, along with the tender number. However the authorities shall not be responsible for postal and other delays in receipt of the bids.
- 2) Prospective Bidders are requested to remain updated for any notices /amendments clarifications etc. to the Tender Document through the website www.lncollegejsg.org / Notice board of the college. No separate notifications will be issued for such notices / amendments /clarifications etc. in the print media or individually.
- 3) EMD amount will be taken from the successful and will be returned after the guarantee period will be over.
- 4) The bids not submitted in prescribed format or in prescribed manner, shall be rejected by the Tender Committee at the risk and responsibility of the bidder.
- 5) All the information as called for in the tender document should be submitted truly, clearly, legibly, transparently, unambiguously and without using abbreviations.
- 6) The total figures should be written in figures followed by words
- 7) Each page of the tender document should be signed by the bidder with seal, in token of having understood and accepted the terms and conditions of the contract and serially numbered and page marked.
- 8) A bid submitted cannot be withdrawn.
- 9) The Tendering Authority reserves the right to accept any bid, and to annul the bid process and reject all bids at any time prior to award of contract, without assigning reasons & without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the action.
- 10) The bidder quoting the lowest value (L1) of Price Bid will be chosen based on Device price and installation cost.
- 11) Financial bids should be as per the specifications given in the notice.

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12) All the items should be delivered within 1 month time from the date of placement of order, delay beyond 1 month will attract penalty @ 1 % for 15 days of value of balance item subject to maximum of 5 % of contract value. The penalty will be waived if the committee satisfies that the reason if delay is not in the part of the bidder.

13) Any matter which has not been covered under these provisions shall be governed as per the provisions of Odisha State Government Rules.

Note: Bidders must read these conditions carefully and comply strictly while submitting their bids.

Annexure-I

DETAILS OF THE TENDERER

Sl. No	Particular	Details
1	Name of the Company / Organization	
2	Registered office Address & Complete postal address	
3	Telephone , Fax Numbers& e-mail id	
4	Type of Organization/Firm (Proprietary / Partnership/ Pvt. Ltd./Public Ltd) Bidder has to submit proof.	
5	Date of Establishment and Experience in business (In number of years)	

Handwritten signature
17/7/23
Principal
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6	G.S.T. Registration No.	
7	PAN No.	
8	Audit Report of the last 3 years	
9	Name of the Contact person	
10	Contact No. and e-mail id of the contact person	
11	Name of the company of which the tenderer is an authorized dealer (copy of authorization letter from original equipment manufacturer must be enclosed)	
12	Details of the bank: Name of the Bank, Branch, Account No., IFSC Code	

This is to certify that I/we have carefully gone through all the above contents of the tender documents, thereby fully understood the terms and conditions therein and undertake myself/ourselves to abide the same. I/we are not blacklisted by any govt/PSU in India.

Date:

Signature & Seal of the Bidder

Place:

Handwritten signature
Principal
Laxminarayan College
JHARSUGUDA

BID FORM

To,

The Principal

Laxminarayan College, Jharsuguda

Ref: Tender no. ----- Dated: -----

Sir,

Having examined the bidding documents, we undersigned, offer to supply and deliver (description of goods and services) in conformity with the said bidding documents as per the prices as cited in the quotation.

We undertake, if our bid is accepted, to commence delivery within 1 month and to complete delivery of all the items specified in the contract calculated from the date of receipt of your notification of supply order.

We agree to abide by this bid for a period of 90 days from the date fixed for bid opening in instructions to bidders and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Date:

Place:

Signature & Seal of the Bidder

[Signature]
19/7/23
Principal
Laxminarayan College
JHARSUGUDA

CHECK LIST OF DOCUMENTS TO BE ENCLOSED

SL. NO	DESCRIPTION	ENCLOSED (YES / NO)
1	Registration certificate of the company issued under the company Act or by any other competent authority in the case of proprietary / Partnership firm, etc.	
2	GST registration certificate	
3	Copy of PAN	
4	List of clients	
5	3 years CA audited balance sheet (In support of turnover)	
6	Printed Literature of the product quoted	
7	Authorization letter from OEM / or Certificate of authorized dealership/distributorship/partnership/channel partner	
8	Certificate for after sale services and support of minimum 3 years	

Date:


Place:

Signature of Bidder

Name.....

Designation.....

Seal


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LAXMINARAYAN COLLEGE, JHARSUGUDA
SPECIFICATIONS OF LABORATORY EQUIPMENTS

DEPARTMENT OF BOTANY

SL NO	NAME OF THE EQUIPMENTS	CONFIGURATION	COMPANY NAME / BRAND
1	Digital Balance (Electric Digital top balance)	Capacity: 2kg	Spanco tek
		Display: Digital	
		Least count: 0.1g	
2	Pipette Bulb rubber Medium	Capacity: 10 ml	AANIJ®
		Shape: Pear Shaped	
3	Hot water bath rectangular (thermostatically controlled)	Material:Stainless Steel	SUNLINE
		Style: Modern	
		Finish Type: Powder Coated	
		Installation Type : Freestanding	
		Shape: Rectangular	
4	Stage micrometer objective (0.01 mm)	Horizontal Slide 1mm-100 Division	Erma
5	Ocular micrometer	Ocular Micrometer, 19 mm	Erma
		Diameter of eyepieces: 10mm/100mm div	
6	Buirette plastic	Material: Plastic	AANIJ®
		Capacity: 100 ml	
7	Glass Aluminium Almirah	Material:Glass and Aluminum	Nilkamal
		Size: 6 feet	
		Fire Resistant:Yes	
		Surface Finishing:Polished	
		Width:4 feet	
8	Pipette stand (V)	Capacity: Min 24 glass pipette vertically	Supertek
9	Dissecting Microscope	Material: Metal	Olympus
		Colour: Black	
10	Compound Microscope	Pattern: HSA Pattern	Olympus
		Material: Metal	
		Colour: Black	
11	Trinocular Microscope	Light Source Type: LED	E.S.A.W
		Material: Metal	
		Colour: White	
		Item Dimensions LxWxH: 46 x 33 x 23 Centimeters	
		Real Angle of View: 45 Degrees	
		Camera: 5MP	

12	Monitor	Screen Size: 23.8 Inches	Hp
		Display Resolution Maximum: 1920 x 1080 Pixels	
		Refresh Rate: 75	
13	Xerox machine	Connectivity Technology: Wi-Fi	Hp
		Printing Technology: Laser	
		Colour: White & grey	
		Model Name: Laserjet	
14	UPS	Printer Output: Monochrome	Microtek
		Colour: Black	
15	USB WiFi Adapter	Hardware Interface: USB	TP-Link
		Operating System: Windows 10	
		Colour: Black	
		Compatible Device: Desktop	
		Data Link Protocol: USB	

DEPARTMENT OF CHEMISTRY

SI No	Name of the item	Company
1	Magnetic stirrer with hot plate (digital)	Skybound
2	PTFE magnetic stirring bar 20 mm x 8mm	MXRADY
	-do- 25 mm x 10 mm	
3	Heating Mantle 250 ml	Comet
	-do- 500 ml	
4	Student Polarimeter	Arglabs
5	Digital colorimeter	labpro
6	pocket tds meter	Konvio Neer
7	Pocket pH meter	Ocean star
8	Pipette pump 10 ml	Labarty
9	-do- 25 ml	
10	Micropipette (1-5 ml)	Indosurgical (IS)
11	Micropipette tip (100-1000ul)	Microsidd
12	Laboratory micro wire spatula (20 cm)	Labworld
13	Spatula of spoon type (8")	
14	Al spatula spoon (6")	
15	Rubber stopper (no. 8,9,10,11 size)	Star lab
16	water bath with thermostatic control	Glab india
17	Globus interactive display 65"	Globus TWBE65
18	Water and soil analysis kit	MLAB

DEPARTMENT OF MATHEMATICS

SL. NO	NAME OF EQUIPMENT	COMPANY
1.	UPGRADATION OF i3 COMPUTERS FOR INSTALLATION OF MAT-LAB	MATHWORK
2.	HP COMPUTERS i7, 6GB RAM SSD-512 GB	HP
3.	INSTALLATION OF MAT-LAB	MATHWORK

DEPARTMENT OF PHYSICS

SL.	NAME OF THE EQUIPMENTS	CONFIGURATION	COMPANY NAME
1	Capillary flow method	Glass capillary tube of length 38 cm on stand Graduated Cylinder 100ml	Spanco tek
2	Wollastonsair-Film	Air film , glass container	Asico
3	Colpitts Oscillator	Power Supply: +15V DC,230 V AC Dimension :27*17 CMs(Metal Cabinet) Weight: 2 k.g	Spanco tek
4	Spring constant	Adjustable scale on astand of 37.5cm Helical spring with pointer Hanger 20g +9*20g weights	
5	sonometer	Wooden sonometer 110*1088.5 cm ³ Tunning fork (512,480,440Hz)with hammer Horse shoe magnet	Asico
6	Electromagnet:-	Electromagnet :- Coils: 300, Wire: 19swg, cu U core: 150*130mm 40*40 cross section.L core 150mm, Point pin : length + 90mm , core material ferromagnetic	Spanco tek
7	BH curve power supply: Digital multimeter	Resistance range : 200 ohms, 20k,200k,&2000k Dc voltage :200&2000milli volts, AC voltage: 200&750 Volts	Spanco tek
8	Photo detector for malus law of plane polarise light	Detector: silicon photo cell, terminals:4mm safety socket, aperture:1mm, rod : 10mm diameter	Spanco tek

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9	Polariser/Analyser	Angle: adjustable (0_90 degree) , Aperture: 21mm dia, frame: 130mm dia Rod:- 10mm dia	Spanco tek
10	Quinck's Tube method	Power supply: 230V AC, 50 Hz single phase Overload protection Current: 5A continuously variable, 10% of full rating Electromagnet: coils 400 turns, coil current: 4.5 Amp U core: 150x 130mm, 40x40 cross section I core: L-150mm, 40x40 cross section Core material: ferromagnetic	Spanco tek
11	Ammeter	(0-5)Amp analog- 3 pieces	Asico
		(0-100)miliamp analog-3 pieces	
		(0-100) microamp analog- 3 pieces	
12	voltmeter	(0-3)volt analog -3 pieces (0-10)volt analog- 3 pieces	Asico
13	High resistance Rheostat	Single tube 5.6 cm dia 40- 50cm long Min resistance upto 3000ohm	Spanco tek
14	low resistance Rheostat	Single tube 5.6 cm dia 40- 50cm long Max resistance upto 200 ohm	Spanco tek
15	Step down transformer	Fitted in metal box Output: 2,4,6,8,10,12 volt, Ac volt: 220 volt	Asico
16	High resistance box	Ordinary wood box fitted with 7/16" rectangular brass blocks , constant coil 0.1-10000 ohm resistance	Spanco tek
17	low resistance box	Ordinary wood box fitted with 7/16" rectangular brass blocks , constant coil 0.1-100 ohm resistance	Spanco tek
18	Daniel cell	ELECTRONIC	Spanco tek
19	Leclanche cell	ELECTRONIC	Spanco tek
20	Concave mirror	of different focal length 50mm / 75 mm diameter	Spanco tek
21	Convex mirror	of different focal length 50mm / 75 mm diameter	Spanco tek
22	P-n junction diode	Fitted on a board with banana socket and circuit diagramme	Spanco tek

23	Zener diode	Fitted on a board with banana socket and circuit diagramme	Spanco tek
24	Battery eliminator	Output : 12 volt Ac input: 220volt	Spanco tek
25	Helical spring	Material: Stainless steel/chrome silicon 20 cm long	Spanco tek
26	P-N-P and N-PN transistors	Fitted on a board with banana socket and circuit diagramme	Spanco tek
27	Digital BALANCE	Capacity- 2kg Display- Digital Least count-0.1g	Spanco tek
28	Spectrometer Prism	Crown Glass: Refractive index: 1.51 A:25*25 mm B:32*32 mm C:38*38 mm	Spanco tek
29	Logic Gates ICs (AND, OR, NOT, NOR, XOR, NAND, XNOR)	AND GATE IC NO-7408 OR IC-7432 NOT IC- 7404 NOR IC-7402 XNOR IC- 74266 XOR IC- 7486 NAND IC- 7400	Spanco tek
30	PRT(Platinum Resistance Thermometer)	Range: -240 ⁰ to 649 ⁰ C Accuracy: -0.1 ⁰ to 1 ⁰ C	Spanco tek
31	Gratings	Hilger and Watts 10000 LPI *2, 1000 LPI *2 500 LPI *2	Spanco tek
32	Double Slits, Single Slits		Spanco tek
33	Gaussian Eyepiece	10x, objective: 3x	Spanco tek
34	Babinets Compensator	Babinet compensator , White light source, quarter wave plate, polariser , analyser, eye piece	Spanco tek
34	555 Timer (AStable Multivibrator)	Bipolar 8 pin , mini dual in-line package 25 transisters 2-diode and 16 resistors	Spanco tek
36	Newtons Rings setup	Bridge type microscope: Ramsden eyepiece 10x, objective: 3x Scale length: 110mm Least count :0.01mm Housing: PVC, finish: mate black painted Glass plate: mounted at 45 ⁰	Spanco tek

37	Sextant with its stand	Graduated- -5° to 125°	Spanco tek
		Index mirror -rectangular 33X49mm	
		Horizon mirror- circular, 50mm diameter, half transparent and other half aluminium separated	
		Shade glasses -	
		Star telescope: Galilean monacle 4X40mm prismatic monacle 7x35 mm, 7x50 mm	
38	Stop watch	Racer 639	Spanco tek
39	Screw gauge	Least count= 0.005,	Spanco tek

DEPARTMENT OF ZOOLOGY

SL. NO	PARTICULARS	MODEL/COMPANY
1.	COMPOUND MICROSCOPE BINOCULAR	MAGNUS MLX B PLUS
2.	ALMIRAH WITH GLASSES	NILKAMAL
3	XEROX MACHINE	CANON MF244DW/HP-M1136 MULTI-FUNCTION
4.	DESKTOP SET	HP


 Signature of the Principal
 Principal
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 Jharsuguda