



OFFICE OF THE PRINCIPAL, MODEL DEGREE COLLEGE, SONEPUR
email: mdcsonapur@gmail.com

Letter No. 1621 / MDCS

Dt 09.12.2024

To,

The Dy. Secretary to Govt. (Advt. / IMU)
I & PR, Govt. of Odisha, Bhubaneswar-1

Sub: Advertisement for tender for laboratory equipments

Sir,

In inviting a reference to the subject cited above, kindly publish an advertisement for the tender call for laboratory equipments in any widely circulated English and Odia Newspaper on Dt. 11.12.2024. The payment will be made as per the existing Govt. norms after receiving the bills.

Yours Faithfully,

D. Mohanty
Principal 09.12.2024
Model Degree College
Sonapur

Office of the Principal, Model Degree College, Sonapur

Mail ID: mdcsonapur@gmail.com

Tender call notice

Notice No 1621 /MDCS; Date 09.12.2024

Sealed tenders are invited from the registered firms/Manufacturers/Distributors/Authorized Dealers with valid GSTIN for supply of lab equipments to Model Degree College, Sonapur. The tenders must reach the undersigned latest by 4.00 PM on dt. 31.12.2024 through registered post/speed post. The envelope containing the tender must be super scribed on the top as "Supply of Lab Equipments" and addressed to Principal Model Degree College, Sonapur, S Kalapathar, Subarnapur, Pin – 767017. The details of specification of items, terms and conditions and tender papers can be downloaded from College Website: <http://mdcsonapur.ac.in>.

D. Mohanty
Principal 09.12.2024
Model Degree College
Sonapur

OFFICE OF THE PRINCIPAL, MODEL DEGREE COLLEGE, SONEPUR

Notice No. 1622 /MDCS; Date 09.12.2024

TENDER CALL NOTICE

Sealed tenders are invited from registered firms/Manufacturers/Distributors/Authorized dealers with valid GSTIN for supply of lab equipments as mentioned below to Model Degree College, Sonapur. The tenders must reach the undersigned latest by 4 PM 31.12.2024 through registered post/speed post. The envelope containing the tender must be super scribed on the top as "Supply of Lab Equipments" and addressed to Principal Model Degree College, Sonapur, S. Kalapathar, Subarnapur, Pin – 767017. The details of specification of items, terms, and conditions and tender papers can be downloaded from the college website:


<http://mdcsonapur.ac.in>

GENERAL TERMS AND CONDITIONS

1. The envelope containing tender for individual department must be kept separately inside main envelope. The address of the firm must contain the mail id for communication of date and time of tender opening.
2. The authority reserves the right to increase/decrease the quantity as per the institute's requirement and immediate availability of fund.
3. The authority also reserves the right to extend the date and accept or reject any or all tender without assigning any reason thereof. The college will not be responsible for non receipt of tender within the specified date and time due to any reason including, postal delay.
4. The bidders should furnish the proof of identical supply if any of these items to other institution, University, Colleges, State/Public sectors. The proof of such credentials should be furnished by the supplier.
5. Each and every page of the tender document and documents attached there should be signed by the bidder.
6. The bidder/dealer/distributor should have not been blacklisted by any Government or other organizations. Certificate/declaration of this effect must be given.
7. The materials as mentioned in the Price Bid are to be supplied to our Institute; the main Price Bid should be sealed separately for each department and kept inside the main envelope for each department. The technical bid and financial bid will be opened on the same day.
8. The rates should be inclusive of all costs/taxes (with breakup of GST/Taxes).
9. The materials shall have to be delivered and installed freely in respective department within 7 days of issue of order.
10. The supplier shall not assign or sublet the contract.
11. Any dispute shall be subject to the jurisdictions of Hon'ble High Court of Odisha.
12. Any act or effort on the part of the supplier to influence anybody in the institute is liable for rejection of Tender.

D. Mohanta
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13. The bidders should attach the following documents
 - a. Firm registration certificate
 - b. GSTIN Certificate
 - c. Past record of Supply, if any
 - d. PAN / IT Return
 - e. Active authorized Dealership Certificate for branded items.
14. Any mismatch of specification of the items in the technical bid with the required specification given in tender will lead to rejection.
15. The bidders who are interested to participate in the bidding process are required to submit EMD @ 3% in the form of Demand Draft / Bank Guarantee from any scheduled Bank in favor of, Principal, Model Degree College Sonapur, S. Kalapathar, Subarnapur. The Local Micro and Small Enterprises registered in Odisha with the respective DIC, Khadi, Village, Cottage and Handcraft Industries, OSIC, MSME and NSIC are exempted from payment of EMD. The EMD of unsuccessful bidders will be returned latest by the 30th day of the award of the contract without any interest and EMD of successful bidder will be refunded after receipt of the performance security.
16. The successful bidders are required to submit performance security @ 7% in the form of a Demand Draft / Bank Guarantee from any scheduled Bank in favor of Principal, Model Degree College Sonapur, S. Kalapathar, Subarnapur. The local MSE registered bidders if selected, will submit performance security @ 25% of the value of performance security (i.e 25% of the prescribed security deposit amount). The performance security shall remain valid for a period of 60 days beyond the date of completion of all contractual obligations of the supplier including warranty obligation.
17. Any claim of exemption of EMD, Tender fee or performance guarantee should be supported by Government orders from appropriate authority.
18. The sealed tender papers will be opened on 02.01.2025 at 3.00 pm in the office of the principal.


Principal 09.12.24
Model Degree College
Sonapur

Tender paper for supply of lab equipments
To the principal, Model Degree College, Sonapur

Last date for submission

PRICE BID FOR SUPPLY OF LAB EQUIPMENTS

Name and address of the firm:

(Mandatory)

Contact person

(Mandatory)

Mobile No.

(Mandatory)

Email ID

(Mandatory)

Security Amount Deposited: Rs. _____

DD No. _____ Date: _____

Bank/ Branch: _____

Sl No.	Item Name/ Brand	Specification	Price excluding GST	GST%	Price Including GST
1					
2					
3					
4					

List of documents and sample figures (duly signed and stamped)

- 1.
- 2.
- 3.
- 4.

[Handwritten signatures and dates]
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**Tender paper for supply of lab equipments
To the principal, Model Degree College, Sonapur**

Last date for submission _____

TECHNICAL BID FOR SUPPLY OF LAB EQUIPMENTS

Name and address of the firm: _____

(Mandatory)

Contact person : _____ (Mandatory)

Mobile No. : _____ (Mandatory)

Email ID : _____ (Mandatory)

Sl No.	Item Name/ Brand	Specification
1		
2		
3		
4		

List of documents and sample figures (duly signed and stamped)

- 1.
- 2.
- 3.
- 4.

Date:

Authorized signatory with seal

Handwritten signatures and dates:
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Handwritten signature and date:
D. Mohan
09.12.2024

Handwritten signature and date:
09/12/24

DEPARTMENT OF EDUCATION

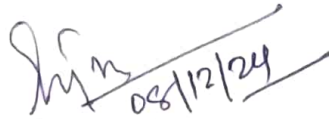
REQUIREMENTS OF LAB EQUIPMENTS


Sl.No	Name of Equipments
01.	Umme Kulsum's Attitude Scale Towards Teaching Profession (English)
02.	Binet Kamat Intelligence Test-Revised With English Cards(Eng)
03.	Cattell's Culture Fair(Free) Intelligence Scale-Scale (Eng)
04.	N.R.Mrinaland & Uma Singhal's Defense Mechanism Inventory(DMI) Female (English)
05.	RK Tandon's Group Test of Intelligence(Intermediate to PG Students) (English)
06.	Dr.Kranti KSrivastav's IIP Mental Health Inventory(Adult) (English)
07.	RNSingh's Leadership Style Scale(Eng)
08.	S.Venkatesan's Parental Attitude Scale Towards Pre-School Education
09.	Jasjit Kaun's Problem Solving Ability Test(Eng)
10.	Dr. Sameer Babu's Rubrics for Evaluating Student Seminars (Eng)
11.	Dr.Kranti KSrivastav's Teachers Aptitude Scale(Eng)
12.	NK Chadha's Social Intelligence Scale(SIS)(Eng)
13.	Mahesh Bhargava Dimensional Personality Inventory
14.	PPC Make's Mirror Drawing Apparatus[Simple for printed Star]with Star Paper
15.	PPC Make's Human Maze Learning Pointed electrical with reset 4digit Digital error counter
16.	PPC Make's Memory Drum Apparatus –Hand operated [Metallic 2 speed]
17.	PPC Make's Tachisto scope[Fall Door type]with Cards – Span of Attention
18.	PPC Make's Stop Watch
19.	LAPTOP with the following Specification Intel Core i3/i5/i7 (12th Gen) or AMD Ryzen 3/5/7 processor, 15.6-inch Full HD (1920x1080) anti-glare display, 8GB DDR4 RAM (expandable), 512GB SSD (or 256GB SSD option), Windows 11 Home/Pro, integrated Intel Iris Xe or AMD Radeon Graphics, up to 6-8 hours of battery life, Wi-Fi 6, Bluetooth 5.0, USB 3.0, USB-C,
20.	Pen Drive(128GB)
21.	Projector Ceiling Mount Projector Stand
22.	HDMI Cable 15 m
23.	Power Cable Cord 15 Mete
24.	Projector Screen with Stand
25.	1500va/900w UPS, 12v Batteries
26.	Charts on Different historical monument


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27.	Sign Language Chart
28.	Digital Magnifier
29.	Braille Materials with Slate and stylus
30.	Hearing Aids (full set)
32.	Letter Cards(Odia)
33.	Letter Cards(English)
34.	Number cards (Odia)
35.	Number Cards(English)
36.	Abacus
37.	Model on Concepts of teaching Fraction (Odia)
38.	Teaching Science Charts in Odia(Human body parts, types of Trees, Animals and birds, types of Food, Solar, Lunar Eclipses etc)
39.	Solar System Model
40.	Teaching Math: Chart on different concept of mathematics
41.	Teachers Geometry Box
42.	Laminated photos of(12×8size)Akbar, Jahangir, Shivaji, Gautam Buddha, Mahaveer, Guru Nanak, MK Gandhi ,SC Bose, Aurobindo, RNTagore,Vivekananda, Rousseau, John Dewey
43.	Branded Almirah (for storing equipments)


Total-133260.00(Rupees One Lakh thirty three Thousand two Hundred Sixty only)

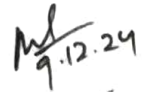

Signature of HOD
Department Of Education

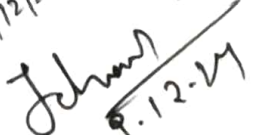

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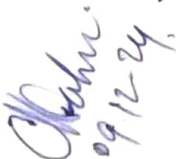

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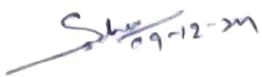

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LIST OF LABORATORY EQUIPMENT, BOTANY

Sl No.	Equipment	Specification
1	AIR CONDITIONER	Cooling capacity-5030
2	Inverter and battery	
3	Computer	
4	Printer with scanner	1020W
5	Dark field microscope	
6	Simple Dissecting microscope	
7	Herbarium press	
8	Colorimeter	
9	Heater for laboratory	
10	Induction Cooktop	1600 watts
11	Computer table	
12	Book shelf almirah	
13	Lab table	
14	Chemical rack	

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LAB EQUIPMENT ZOOLOGY

Sl no.	Instrument	Specification	Quantity
1	Compound microscope	Manufacturer- Olympus monocular	2
2	Dissection box	Camlin	1
3	Wax tray		2
4	Wash bottle		5
5	Digital weighing maching	Digital	1
6	Gel electrophoresis power pec	Tarsons	1
7	PH meter	Labtronics	1
8	Micropipettes	10 μ L, 200 μ L, 1000 μ L	1 each
9	Reflex hammer		1
10	Test tube holder		10
11	Test tube stand		5
12	Micrometer		2
13	Desktop Computer	Intel i5 processor, 1TB hard disk, 8GB RAM	1
14	Printer	Multi functional printer with scanner	1
Glasswares and consumables			
1	Glass slides		5 packs
2	Cover slips		10 boxes
3	Syringes and nedles	Dispovan	50 pices
4	Cotton	Sterile	
5	Test tubes		50 pices
6	Chromatograpy paper	Whatmann 1 paper	
7	Starch paper		10 books
8	Blotting paper		1 roll
9	Petri dish	90mm, tarson	100
Museum specimens			
1	Hyalonema		2
2	Eplectella		2
3	Pheritima		2

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4	Hetero nereis	2
5	Herdmania	2
6	Petromyzon	2
7	Myxine	2
8	Scoliodon	2
9	Pristis	2
10	Chimera	2
11	Labeo	2
12	Anabas	2
13	Ichthyophis	2
14	Bufo	2
15	Hyla	2
16	Salamander	2
17	Hemidactylus	2
18	Varanus	2
19	Chameleon	2
20	Draco	2
21	Naja	2
22	Bungarus	2
23	Sorex	2
24	bat	2
Slides		
1	Amoeba	3
2	Spicules of sponges	3
3	Sponging fibre	3
4	Fasciola hepatica life cycle larval forms (Miracidium larvae, sporocyst larvae, redia, cercaria, meta cercaria)	3 each
5	Taenia solium larva Cisticercus, hexacanth larva	3 each
6	Ascaris life cycle	3
7	Nephridia of earthworm	3
8	T.S of Pharynx of earthworm	3

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	Typhlosolar region of intestine of earthworm	3
		3
10	Mouth parts of insects	3
11	Sections of balanoglossus	3
12	Sections of amphioxus	3
13	Stages of mitosis and meiosis	3
14	Squamous epithelium	3
15	striated muscle	3
16	Nerve cell	3
17	Endocrine glands	3
18	Section of ovary	3
19	Section of testis	3 each
20	Fish of scales	3
21	Sections of kidney	3
22	Sections of stomach	3
23	Sections of of duodenum	3
24	Sections of ilium	3
25	Sections of placenta	3
26	Barr body	3

Chemicals

1	Eosin	Sigma aldaric	10g
2	Borax carmine	Ottokemi	25G
3	Clove oil	Sigma aldaric	100ml
4	DPX	Ottokemi	500ml
5	Haematoxylin	Ottokemi	25g
6	Leishman's eosin methylene blue solution modified	Sigma aldaric	250
7	Borax	Sigma aldaric	10g
8	Carmine powder	Sigma aldaric	25g
9	Propionic acid	Sigma aldaric	500ml
10	Glacial acetic acid	Sigma aldaric	500ML
11	Sybr green	Sigma aldaric	25g
12	Amino acids Glycine, valine, alanine, serine,	Ottokemi	25g

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	phenylalanine, leucine	Ottokemi	100g
13	Alpha-amylase	Ottokemi	25g
14	Anthrone reagent	Ottokemi	800g
15	Copper sulphate	Ottokemi	500 g
16	Potassium tartarate	Ottokemi	5g
17	Bovine serum albumin	Ottokemi	100g
18	Solid iodine	Ottokemi	125ml
19	Seliwanoff's reagent	Ottokemi	100ml
20	Ninhydrin solution	Ottokemi	500ml
21	Butanol	Ottokemi	5g
22	Sodium carbonate	Ottokemi	

Charts and models

1	Fasciola hepatica life cycle larval forms (Miracidium larvae, sporocyst larvae, redia, cercaria, meta cercaria)	1 each
2	Taenia solium larva Cisticercus, hexacanth larva	1
3	Ascaris life cycle	1
4	Coral and coral reefs	1
5	Larval forms of crustaceans	1
6	Larval forms of Mollusca	1
7	Larval forms of echinodermata	1
8	Digestive system of earthworm	1
9	Nephridial system of earthworm	1
10	Stages of mitosis and meiosis	1 each
11	Types of beaks, claws and feathers in birds	1 each
12	Reflex action	1
13	Identification of Bacteria	1
14	Identification of viruses	1
15	Types of scales and fins in fishes	1 each
16	Carapase of tortoise	1
17	Mammalian skull (herbivorous and carnivorous)	1 each

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18	ABO blood grouping		1
19	Polytene chromosome		1
20	DNA replication		1
21	Transcription		1
22	Split genes		1
23	Human karyotype (normal and anomalies)		1 each
24	Developmental stages of drosophila		1
25	Developmental stages of frog		1
26	Developmental stages of chickens		1
27	Types of placenta		1
28	Sections of placenta		1
29	Fossils		1
30	Hology and analogy		1
31	Nesting of birds		1
32	Taxis behavior of social insects		1
33	Endocrine glands		1
34	Disorders of different endocrine glands		1 each
35	ELISA &RIA		1
36	Blotting techniques		1
37	DNA , RNA structure and types		1
38	Lymphoid organs		1
39	Histological photographs of spleen, thymus, lymph nodes		1
40	WBC types		1
41	Study of crafts and gears used in fisheries		1
42	Induced breeding in Fishes		1
43	Parental care in fishes		1
44	Air breathing in fishes		1
45	Honey bee life cycle		1
Furniture			
1	Practical Table		2

J. Choudhary
9.12.24

Dr. Rishi
09/12/24

S. K. S. S. S.
9.12.24

Dr. S. S. S. S.
9.12.24

Dr. Sahani
09/12/2024

Dr. S. S. S. S.
09/12/24

	nhenvatam		1
2	Desktop table		1
3	Specimen Rack		1
4	Almirah		1

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Laboratory Equipment Requirement Details
Dept. of Mathematics, MDC Sonapur

SL No.	Equipments Name	Specification
1	Inverter with Battery With Installation	<ul style="list-style-type: none"> Inverter Details- Type: Pure sine Wave; Capacity: 1400VA/12 Volt; Peak Load: 1100 watt minimum approx.. Battery Details- Type: Capacity: 200Ah/ 12V;;
2	Laptop	Core i5 11 th /12 th Gen - (8 GB RAM/512GB SSD Windows 11) (15.6 inch, Screensize)
3	Projector Screen with Installation	Motorised Projector Screen, Size:- 10 Ft. x 6 Ft, 16:9 Aspect Ratio, 133 Inches Diagonal, 116 Inches x 65 Inches Viewing Area, with Cordless Remote
4	Printer	Laserjet Printer Printer type: Laser ; Functions: Print, Scan, Copy, with Auto duplex printing, ; Printer output: Monochrome ; Connectivity: WiFi , USB

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 HOD, Dept. of Math.
 MDC Sonapur

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Department of Physics_Lab Equipment_2024

Name of the Equipment	Specification
Desktop	Core i5, 13 th generation, 6GB RAM, 512GB storage, 27" display, Intel Graphics Card, Wireless Mouse and Key board
UPS	600VA, Sine Wave, 15 mins backup, 3 outlet plugs
Desktop table	4/2ft engineering wood made, with keyboard space and drawer

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Chahar
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D. Mohan
09.12.2024

Kahani
09/12/24

Sandhu
09.12.24

Danish
09.12.24

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Department of Chemistry_Lab Equipment_2024

Name of the equipment	Specification
Water bath	Stainless steel digital water bath, 6 holes, temp. Range 5 to 100°C, temp. Accuracy $\pm 0.5^\circ\text{C}$, fixed temperature function with auto stop facility
Benchtop Shaker	Digital Speed control and indicator, Shaking speed 50 to 400 rpm, 4 spots, capacity 100 ml, 250ml / 500 ml
UV-Vis Spectrophotometer	Wavelength range 200 to 900 nm, 2 position cuvette holder, LCD Data display, % Transmittance and Absorbance measurement
Thermometer	Mercury thermometer, 30cm long, 0 to 500°C temperature measurement range

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