



## PANCHAYAT SAMITI OFFICE, CHAKAPAD (AT-BASTINGIA), DIST-KANDHAMAL

Telephone:06847-263733

E-Mail: ori-chakapad@nic.in

### SHORT TENDER CALL NOTICE

No. 3965 // Date. 22-12-2022

Sealed tenders are invited from reputed firms / agencies & suppliers for supply as per Tender specifications. The details tender documents can be obtained from the District website <http://Kandhamal.nic.in>. Interested bidders may submit their sealed tender documents in prescribed format to the "Block Development Officer, Chakapad" so as to reach in this Office on or before **11/01/2023 5:00 PM** through speed post / registered post only. Bidders are required to submit Technical Bid and financial bid in separate envelopes enclosed in a common envelopes mentioning "Tender for Supply of Science Apparatus for 5-T High School Transformation" over the envelopes.

The technical bid will be opened on **12/01/2023 at 11:00 AM** in the Office Chamber of the Block Development Officer, Chakapad in presence of Tender Committee Members, bidders or their authorized representatives. The financial bid of the technically qualified bidders shall be opened on the same day in presence of the bidders or their authorized representatives.

The Authority reserves the right to accept or reject any or all tender without assigning any reason thereof.

Block Development officer  
Chakapad

Memo No. 3966 Date 22-12-2022

Copy to DIO, NIC, Kandhamal, Phulbani for information and necessary action. He is requested to web hoist the Tender Notice in the district portal.

Copy to Notice board of Collectorate, Kandhamal / Zilla Parishad, Kandhamal / All Panchayat Samiti Offices / All Tahasils for information and request to display the notice for wide publication.

Block Development officer  
Chakapad

**SPECIFICATION OF ITEMS**

<b>Specification of Items</b>				
<b>A-PHYSICS</b>				
<b>SL. NO.</b>	<b>ITEM NAME</b>	<b>ITEMS DESCRIPTION</b>	<b>QTY. for one School</b>	<b>Total Requirement For Block</b>
1	AMMETER	(EDM-80) SQUARE Dial, Moving Coil, DC with Desk Stand Range 0-1Amp.	2	6
2	BAR MAGNET	Alnico Make, (Superior Quality), 50x11x7mm (2")	2	6
3	COMPASS MAGNETIC	Dia 18mm, Both Side Glass (B.S.G).	6	18
4	CONSTANTAN WIRE	RESISTANCEWIRE (100gm).	1	3
5	CONCAVE LENS	(EXACT FOCAL LENGTH) DIA 2" FL 25cm, Concave Lens (Exact)	2	6
6	CONVEX LENS	(EXACT FOCAL LENGTH) DIA 2" FL 25cm, Convex Lens (Exact)	2	6
7	CONVEX MIRROR	F.L.25cm, Dia 50mm	2	6
8	CONCAVE MIRROR	F.L.25cm, Dia 50mm	2	6
9	DRAWING BOARD	(Superior Quality Soft Wood), 12"x18".	2	6
10	GEOMETRICAL INSTRUMENTS BOX	Plastic, Superior Quality.	1	3
11	GLASS PRISM	Equilateral 60x60x60°, 50mm (Superior Quality)	2	6
12	GLASS SLAB	(English Glass), 75x50x18 mm.	5	15
13	HORSE SHOE MAGNET	'U' MAGNET (Alnico), 75mm (Superior Quality).	1	3
14	LENS HOLDER	Wooden 'V' Shaped	2	6
15	MAGNIFIER	Plastic Frame(Sup.), Black Colour 3".	1	3
16	METAL BLOCK RECTANGULAR	4x3x2cm (Alumunium)	1	3

17	METER SCALE	ONE meter, Superior Quality (Wooden).	1	3
18	METER SCALE	Half meter, Superior Quality (Wooden).	2	6
19	Mirror Strip	Mirror Strip Mounted on Wooden Base, 4"x2".	2	6
20	OVER FLOW VESSEL	Plastic	1	3
21	PLUG KEY	One Way with 1/2" brass block, Superior Quality	1	3
22	RESISTANCE BOX	(Brass) Plug Type; Constantan Coil, 1/2" Brass Block, Teak Wood Case (Deluxe Quality), 1 to 1000 Ohm.	1	3
23	RESISTANCE COIL	Round Bakelite Case.(1 Ohm)	2	6
24	RESISTANCE COIL	Round Bakelite Case.(10 Ohm)	2	6
25	RESISTANCE COIL	Round Bakelite Case.(20 Ohm)	2	6
26	RUBBER PAD		1	3
27	SLINKY SPRING	75x50mm.	2	6
28	SPRING BALANCE	Tubular Acrylic 250gm	1	3
29	STOPWATCH	Digital 1/100 Sec, Racer Make.	1	3
30	TUNNING FORK	(Set of 8), In Thermocole Box, Superior Quality.	1	3
31	VOLTMETER	(EDM-80) SQUARE Dial, DC, Range 10 Volt	1	3
32	WHITE SCREEN	Wooden.	2	6
33	DRY CELL	(2Volt) GLOBE Make Short Life (NO RETURN).	1	3
34	IRON FILLING	500gm.	1	3
35	BEAKER	11151 BEAKER GRADUATED, 'POLYLAB', 50 ml	1	3
<b>B-CHEMISTRY EQUIPMENT</b>				
1	Sand Paper		2	6
2	FORCEPS	(Stainless Steel), 5" Pointed	1	3
3	WATCH GLASS	Dia 4" (Superior Quality Per Dozen)	1	3
4	BUNSENBURNER	(Brass Pipe 150mm & dia.12mm) Superior, With Stop Cock (Heavy Base).	2	6
5	BURETTE BRUSH	(Nylon).	2	6
6	CHINA DISH	(Porcelain); Dia 3".	6	18

7	FUNNEL STAND	(Wooden).	2	6
8	GLASS STIRRER	8"	6	18
9	PESTLE & MORTAR	(Porcelain), Dia 4"	2	6
10	SPATULAS.S.	(Spoon Type),6",HeavyQuality	2	6
11	SPIRIT LAMP	(100ml), Brass	2	6
12	TEST TUBE	(Borosilicate Glass) HARD GLASS, 15x125mm,10ml. Pk of 100	1	3
13	TEST TUBE BRUSH	(Nylon) Superior Quality.	4	12
14	TEST TUBE HOLDER	(Wooden Handle), Iron Chrome Plated, Superior Quality	12	36
15	TEST TUBE STAND	(Wooden), 6 Hole	2	6
16	TRIPOD STAND	6" (Heavy Quality)	1	3
17	TRIPOD STAND	8" (Heavy Quality)	2	6
18	WATER BATH	(Copper), Dia 4"	1	3
19	WIRE GAUGE	With Frame& Asbestos Centre	12	36
20	BEAKER Graduated	'B.G.', 100ml	2	6
21	BEAKER Graduated	'B.G.', 250ml	2	6
22	BEAKER Graduated	'B.G.', 500ml	2	6
23	BEAKER Graduated	'B.G.', 1000ml	2	6
24	BEAKER Graduated	'B.G.', 50ml	2	6
25	BURETTE	BURETTEwithRotaFlowStopcock,'B.G.',50 ml	5	15
26	FLASK CONICAL	'B.G.', 100ml	2	6
27	FLASK CONICAL	'B.G.', 250ml	2	6
28	FLASK CONICAL	'B.G.', 500ml	2	6
29	FUNNEL	'B.G.', 75mm	4	12
30	MEASURING CYLINDER	(Round Base) B.G, With- out Stopper, 25ml	3	9
31	PIPETTE GRADUATED	'B.G.', 5ml.	4	12
32	PIPETTE GRADUATED	'B.G.', 25ml.	4	12
33	REAGENT BOTTLE	(Narrow Mouth), 'B.G.',125ml	2	6
34	REAGENT BOTTLE	(Narrow Mouth), 'B.G.',250ml	2	6
35	SEPARATING FUNNEL,	'B.G.', 250ml	2	6
36	FUNNEL	'POLYLAB', 75mm	2	6
37	KIPPS	'POLYLAB', 500ml	1	3

	APPARATUS			
38	PIPETTE STAND	Horizontal for 12 Pipette 'POLYLAB'	1	3
39	PIPETTE STAND	Vertical for 28 Pipette 'POLYLAB'	1	3
40	SLIDE BOX	'POLYLAB', 100 Slides	1	3
41	TEST TUBE STAND	'POLYLAB' 6 Hole	3	9
42	TESTTUBE STAND	(ROUND)'POLYLAB'12Hole	1	3
43	WASH BOTTLES	'POLYLAB', 250ml	3	9
44	RUBBERCORK	(EXTRASOFT)SUPERIORQUALITY, Size No. 9, Top Dia(mm) 28, Bottom Dia21.5	3	9
45	BEAKER TONG	12" (Stainless Steel)	1	3
46	FLASK TONG	12" S.S	1	3
47	Delivery Tube	L Type	2	6
48	Delivery Tube	U Type	1	3
49	BALANCE DIGITAL	Cap. 2kg, L.C. 0.1gm (100mg). Kerro Make	1	3
50	CORK BORER	Setof6 (HEAVY Pattern) German Type (Export Quality) Strong Handles.	1	3
51	IRON STAND	(with Clamp& Boss Head), 7x5" Sheet Metal (RETORT STAND), Superior Quality with Dipress Clamp &Bosshead	2	6
52	THERMOMETER	(30cm Length), -10 to 110C, Mercury.	2	6
53	DROPPER	Plastic (3ml) Graduated.	12	36
54	DROPPER GLASS WITH TEAT	RUBBER TEAT, 6"	6	18
55	PERIODIC TABLE CHART	Modern Periodic Table, 75 x 100cm Raxine.	1	3
56	Educational Raxine Charts	(Size 75x100cm); CHEMISTRY: GENERAL (White Raxine), Labora- tory Safety Measures	1	3
<b>C-CHEMISTRY: CHEMICALS</b>				
1	Litmus blue indicator paper	100 Is	1	3
2	Litmus red indicator paper	100 Is	1	3
3	Indicator paper	pH 1-14 (Full range), 200 Is	1	3
4	D.M. Water	(Deionised water), 500 ml	1	3
5	Hydrochloric acid	(Thermocolepack)- 35%,500 ml	2	6

		(For Safety Purpose thermocole pack is provided)		
6	Sulphuric acid	(Thermocolepack)-97 %,500 ml (For Safety Purpose thermocolepack is provided)	2	6
7	MAGNESIUM RIBBON	25 Gm	1	3
8	Egg albumin flakes	(Protein - 95%), 25 gm	1	3
9	Copper metal	Copper metal turnings - 99%, 100 gm	1	3
10	Aluminium metal powder	(Atomised) - 99.5%, 250 gm	1	3
11	Zinc metal granulated	Zinc metal granulated A.R.- 99.9%(Confirms to ACS specification), 250 gm	1	3
12	Potassium alum	Potassium alum - 99% (Aluminium Potassium sulphate), 500 gm	1	3
13	Aluminium sulphate	Aluminium sulphate - 98%, 500 gm	1	3
14	Calcium hydroxide	Calcium hydroxide - 95%, 500 gm	1	3
15	Cupric sulphate	Cupric sulphate (Copper sulphate)-98.5%, 500 gm	1	3
16	Sodium bicarbonate	Sodium bicarbonate- 99%( Sodium hydrogen carbonate), 500 gm	1	3
17	Starch soluble	500 gm	1	3
18	Sulphur powder	Sulphur powder - 99.5%, 500 gm	1	3
19	Zinc sulphate	Zinc sulphate - 99%, 500 gm	1	3
20	Litmus blue solution	125 ml	1	3
21	Litmus red solution	125 ml	1	3
22	Universal indicator solution	125 ml	1	3
23	Acetic acid	Acetic acid glacial - 99.5%, 500 ml	1	3
<b>BIOLOGY</b>				
1	HUMAN BRAIN	Model 4 Parts Dissectible (On Base)	1	3
2	HUMAN EAR	Model On Base	1	3
3	HUMAN EYE	Eye Model on Stand	1	3
4	HUMAN HEART	Heart on stand (2 parts Dissectible)	1	3
5	HUMAN KIDNEY	On Stand (2 Parts Dissectible)	1	3
6	HUMAN LUNGS	(BASIC MODEL)	1	3
7	LIVER MODEL		1	3

8	HUMAN SKELTON STAND	(Metallic)	1	3
9	HUMAN DIGESTIVE SYSTEM	Superior Model on Board 30"x12"	1	3
10	FORCEPS	(Stainless Steel), 5" Pointed	3	9
11	BLOTTING PAPER	18"x22"	10	30
12	WATCH GLASS	Dia 4" (Superior Quality Per Dozen)	1	3
13	FILTER PAPERPKT	(Doctor Watt Make), Dia 12.5cm, Hand Made	2	6
14	MEASURING CYLINDER	(Round Base) B.G, With-out Stopper, 500ml	1	3
15	Delivery Tube	L Type	2	6
16	COTTON THREAD	( Roll)	1	3
17	COVERSLIP	(Pk. of 10Gm), 18mm, Round	12	36
18	DISSECTING NEEDLE	Plastic Handle	4	12
19	COMPOUND MICROSCOPE	Two eyepiece10x, 15x& twoobjectives10x, 45x, with fixed condenser, MICRON Make (KG-2) 'ISI Marked' (Thermocole Box)	1	3
20	PLAIN SLIDE	Size 75x25mm Glass, Thickness 1.35 (Pk of 50)	2	6
21	Parenchyma	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
22	Collenchyma	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
23	Sclerenchyma	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
24	Xylem	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE:-	1	3
25	Phloem	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
26	Dicot Stem	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
27	Dicot Root	PREPARED SLIDE FOR MICROSCOPE, PLANT	1	3

		TISSUE		
28	Monocot Root	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
29	Dicot Leaf	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
30	Monocot Leaf	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
31	Chlorella	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
32	Spirogyra	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
33	Volvox	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
34	Nostoc	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
35	Yeast	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
36	Lichen	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
37	Oscillatoria	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
38	Rhizopus	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3
39	Mammal: Bone	PREPARED SLIDE FOR MICROSCOPE, ANIMAL TISSUE	1	3
40	Mammal: Artery	PREPARED SLIDE FOR MICROSCOPE, ANIMAL TISSUE	1	3
41	Mammal: Vein	PREPARED SLIDE FOR MICROSCOPE, ANIMAL TISSUE	1	3
42	Mammal: Liver	PREPARED SLIDE FOR MICROSCOPE, ANIMAL TISSUE	1	3
43	Mammal: Stomach	PREPARED SLIDE FOR MICROSCOPE, ANIMAL TISSUE	1	3

44	Mammal: Blood	PREPARED SLIDE FOR MICROSCOPE, ANIMAL TISSUE	1	3
45	Bacteria	PREPARED SLIDE FOR MICROSCOPE, ANIMAL TISSUE	1	3
46	Paramoecium	PREPARED SLIDE FOR MICROSCOPE	1	3
47	Slide Amoeba	PREPARED SLIDE FOR MICROSCOPE	1	3
48	Slide Hydra	PREPARED SLIDE FOR MICROSCOPE	1	3
49	Yeast Budding	PREPARED SLIDE FOR MICROSCOPE	1	3
50	Human Skeleton	Height-5 feet	1	3

***(Including Transportation and installation at 03 High School Points i.e Anchalika Uchha Vidyalaya, Arabaka, Vibekananda High school, Pasara & Banabasi High school Chahali of Chakapad Block)***

**Bid Price:-**

- a) The transportation & Installation charges are also to be included in the Bid Price.
- b) All taxes, duties and other levies payable by the dealer under the contract shall be included in the Bid Price.
- 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.
- d) The Prices should be quoted in Indian Rupees only.

**While submitting the bid, the bidders should furnish the following documents:-**

- i. Self attested copy of Registration Certificate of firm / agency with seal & Signature.
- ii. Self attested copy of valid PAN No. with seal & Signature.
- iii. Self attested copy of valid GST Registration Certificate with seal & Signature.
- iv. Self attested copy of up to date (Recent) GST Return certificate with seal & Signature.
- v. Self attested copy of last one Financial Year's IT Return (2020-21) / assessment year (2021-22) with seal & Signature.
- vi. Tender paper cost in shape of Demand Draft of Rs.2,500.00
- vii. Bank Account Number (Self Cancelled Cheque to be attached)

**Terms & Conditions:-**

- 1) Each bidder shall submit only one quotation as per the enclosed Quotation format.
- 2) The Bidders are required to deposit non-refundable Tender paper cost Rs.2,500/-Rupees (Two thousand five hundred)only in shape of Demand Draft in favor of Block Development Officer, CHAKAPAD Payable at **CHAKAPAD** while submitting Bid.
- 3) The bidder should submit EMD @ **1% of the Bid amount** in shape of Demand Draft drawn in favor of BDO, CHAKAPAD From any scheduled / nationalized bank drawn at **CHAKAPAD**. Bids without EMD or in any other shape shall not be considered and liable for rejection.
- 4) The successful bidder will have to deposit a performance security of 5% of the contract value (Besides EMD) in shape of Demand Draft drawn from any scheduled / Nationalized Bank, in favor of Block Development Officer,CHAKAPAD payable at **CHAKAPAD**. It should be valid beyond 60 days after the end of all contractual and warranty obligations.
- 5) The conditional bids shall not be considered and will be rejected in very first instance.
- 6) Sealed tenders will be received up to **11/01/2023 till 5:00 PM** at the Office of the Block Development Officer, CHAKAPAD. Any tender received after the due date & time will be rejected / returned to the sender without opening. The tenders will be received through registered / speed post only.
- 7) The bidders are to submit their tenders in two separate sealed covered envelopes for technical bid and financial bid by super scribing "**Technical Bid**" in cover "**A**" and "**Financial Bid**" in cover "**B**" and both covers should be put in third cover (**C**) which should be super scribed as "**Tender for Supply of Science Apparatus for 5-T High School Transformation**".
- 8) The sealed tender cover "**A**" (**Technical Bid**) submitted by the tender will be opened by the **Tender Committee** in the **Office Chamber of BDO, CHAKAPAD** on **12.01.2023 at 11:00 AM**.The bidder or his representative may be present at the time of opening of the tender.
- 9) The authorize representative should show authorization letter at the time of opening of technical bid.
- 10) The financial bid of the technically qualified bidders shall be opened on the same day in presence of the bidders or their authorized representatives.
- 11) The tender shall remain valid for a period of **60** days from the last date fixed for receiving the same.
- 12) The successful bidder has to **supply all items within stipulated time** to be mentioned in the Work order.
- 13) Rate quoted must be inclusive of all taxes, transportation and installation & will be

valid for a period of one year from the date of approval.

- 14) The undersigned reserves the right to place the order in phased manner.
- 15) The numbers of items / materials are subject to change in supply order as per requirement.
- 16) Canvassing in any manner will be viewed seriously and will lead to rejection of the bid.
- 17) If the stock supplied by the successful bidder does not match with the specification as per Tender Document or are found to be of inferior quality at time of delivery of items the stock will be rejected & the supplier has to replace the total quantity of the same product of his own cost.
- 18) The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which (a) are properly signed and (b) confirm to the terms & conditions and specifications.
- 19) If found that the successful bidder is incompetent to provide the supply of materials, in such a situation, the proposal may be reviewed for award of the contract to the next qualifying bidder or go for a fresh bid depending upon the circumstances. No form of compensation shall be payable in any form whatsoever to the forfeited firm. In case it decided to go for the next qualifying bidder, negotiation shall be considered to bring down their prices nearer to the originally Evaluated or Lowest bidder in consideration to the orders to be supplied.
- 20) The bidder should take responsibility of the goods till it reaches the delivery destination. Insurance etc. shall be arranged by the supplier. Supplier shall arrange the road permits or any other documents wherever required.
- 21) The successful bidder shall not assign or sub-contract or sub-let the whole or any part of the supply order in any manner.
- 22) The Authority reserve the right to withdraw or relax any of the terms and conditions mentioned above so as to overcome the problem encountered at a later stage.
- 23) All corrigendum containing amendments to this tender will be posted in District website. Bidders are advised to check periodically the district website for any updates.
- 24) Any legal dispute arises out of this is subject to Kandhamal jurisdiction only.
- 25) The under signed reserves the right to accept or reject any or all the tender without assigning any reason thereof.
- 26) The requirements are tentative and may vary. The bidder should be prepared to supply the equipments as per the requisition.

- 27) Bid shall be awarded to the firms offering the lowest/net bundled price and not with reference to lowest price quoted for the individual items. However if prices for each and every item are not quoted bid shall not be accepted.
- 28) Final Placement of order for any of items included in the list is subject to decision of committee.

  
Block Development Officer  
CHAKAPAD

## Technical bid

1	Name and address of the supplier	
2	Full address of the supplier	
3	Telephone and Mobile phone No.	
4	E-mail address if any	
5	Firm / Agency registration Details	
6	GST Regd. No. (enclose self attested copy)	
7	PAN No. (enclose self attested copy)	
8	Upto date (Recent) GST Return certificate (enclose self attested copy)	
9	Last one Financial Year's IT Return (2020-21)/assessment year (2021-22) (enclose self attested copy)	
10	Tender paper cost in shape of Demand Draft Of Rs.2500 (mentioned DD no. & amount)	
11	Bank Account Number (cancelled Cheque to be attached)	

I do hereby certify that, the above mentioned particulars / information are true to the best of my knowledge and correct.

Place:

Date:

Full Signature of the Bidder  
With date and seal

### Declaration

1. I/we.....the proprietor/partner do declare that I/we am/have competent to sign this declaration and execute this tender document.
2. I/We have carefully read and understood all the terms and conditions of the tender and undertake to abide by them.
3. The information/ documents furnished along with the above application are true and authentic to the best of my knowledge and belief. I/we am/have well aware of the fact that furnishing of any false information/ fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.
4. I/ we do hereby declare that I/we have not been de-recognized / black listed by any state Govt. / Govt. of India / Govt. Organization / Govt. institution for supply of non-standard quality (NSQ) as asked for or non- supply.
5. I/we do hereby declare that I/we will deliver my work as per the terms, conditions and specification of the tender document and workorder.

Full Signature of the Bidder  
With date & seal

## FINANCIAL BID

### A-PHYSICS

SL. NO	ITEM NAME	ITEMS DESCRIPTION	QTY. for one School	Total Requirement for Block	Per Unit Cost	Total Cost
1	AMMETER	(EDM-80) SQUARE Dial, Moving Coil, DC with Desk Stand Range 0-1Amp.	2	6		
2	BAR MAGNET	Alnico Make, (Superior Quality), 50x11x7mm (2")	2	6		
3	COMPASS MAGNETIC	Dia 18mm, Both Side Glass (B.S.G).	6	18		
4	CONSTANTAN WIRE	RESISTANCEWIRE (100gm).	1	3		
5	CONCAVE LENS	(EXACT FOCAL LENGTH) DIA 2" FL 25cm, Concave Lens (Exact)	2	6		
6	CONVEX LENS	(EXACT FOCAL LENGTH) DIA 2" FL 25cm, Convex Lens (Exact)	2	6		
7	CONVEX MIRROR	F.L.25cm, Dia 50mm	2	6		
8	CONCAVE MIRROR	F.L.25cm, Dia 50mm	2	6		
9	DRAWING BOARD	(Superior Quality Soft Wood), 12"x18".	2	6		
10	GEOMETRICAL INSTRUMENTS BOX	Plastic, Superior Quality.	1	3		
11	GLASS PRISM	Equilateral 60x60x60°, 50mm (Superior Quality)	2	6		
12	GLASS SLAB	(English Glass), 75x50x18 mm.	5	15		
13	HORSE SHOE MAGNET	'U' MAGNET (Alnico), 75mm (Superior Quality).	1	3		
14	LENS HOLDER	Wooden 'V' Shaped	2	6		
15	MAGNIFIER	PlasticFrame(Sup.), Black Colour, 3".	1	3		
16	METAL BLOCK RECTANGULAR	4x3x2cm (Aluminium).	1	3		
17	METER SCALE	ONE meter, Superior Quality (Wooden).	1	3		
18	METER SCALE	Half meter, Superior Quality (Wooden).	2	6		
19	Mirror Strip	Mirror Strip Mounted on Wooden Base, 4"x2".	2	6		
20	OVER FLOW VESSEL	Plastic	1	3		
21	PLUG KEY	One Way with 1/2" brass block, Superior Quality	1	3		
22	RESISTANCE BOX	(Brass) Plug Type; Constantan Coil, 1/2" BrassBlock, TeakWoodCase (Deluxe Quality), 1 to 1000 Ohm.	1	3		
23	RESISTANCE COIL	Round Bakelite Case.(1 Ohm)	2	6		
24	RESISTANCE COIL	Round Bakelite Case.(10 Ohm)	2	6		
25	RESISTANCE COIL	Round Bakelite Case.(20 Ohm)	2	6		
26	RUBBER PAD		1	3		

27	SLINKY SPRING	75x50mm.	2	6		
28	SPRING BALANCE	Tubular Acrylic 250gm	1	3		
29	STOPWATCH	Digital 1/100 Sec, Racer Make.	1	3		
30	TUNNING FORK	(Set of 8), In Thermocole Box, Superior Quality.	1	3		
31	VOLTMETER	(EDM-80) SQUARE Dial, DC, Range 10 Volt	1	3		
32	WHITE SCREEN	Wooden.	2	6		
33	DRY CELL	(2Volt) GLOBE Make Short Life (NO RETURN).	1	3		
34	IRON FILLING	500gm.	1	3		
35	BEAKER	11151 BEAKER GRADUATED, 'POLYLAB', 50 ml	1	3		

### B-CHEMISTRY

36	Sand Paper		2	6		
37	FORCEPS	(Stainless Steel), 5" Pointed	1	3		
38	WATCH GLASS	Dia 4" (Superior Quality Per Dozen)	1	3		
39	BUNSEN BURNER	(Brass Pipe 150mm & dia. 12mm) Superior, With Stop Cock (Heavy Base).	2	6		
40	BURETTE BRUSH	(Nylon).	2	6		
41	CHINA DISH	(Porcelain); Dia 3".	6	18		
42	FUNNEL STAND	(Wooden).	2	6		
43	GLASS STIRRER	8"	6	18		
44	PESTLE & MORTAR	(Porcelain), Dia 4"	2	6		
45	SPATULAS.S.	(Spoon Type), 6", Heavy Quality	2	6		
46	SPIRIT LAMP	(100ml), Brass	2	6		
47	TEST TUBE	(Borosilicate Glass) HARD GLASS, 15x125mm, 10ml. Pk of 100	1	3		
48	TEST TUBE BRUSH	(Nylon) Superior Quality.	4	12		
49	TEST TUBE HOLDER	(Wooden Handle), Iron Chrome Plated, Superior Quality	12	36		
50	TEST TUBE STAND	(Wooden), 6 Hole	2	6		
51	TRIPOD STAND	6" (Heavy Quality)	1	3		
52	TRIPOD STAND	8" (Heavy Quality)	2	6		
53	WATER BATH	(Copper), Dia 4"	1	3		
54	WIRE GAUGE	With Frame & Asbestos Centre	12	36		
55	BEAKER Graduated	'B.G.', 100ml	2	6		
56	BEAKER Graduated	'B.G.', 250ml	2	6		
57	BEAKER Graduated	'B.G.', 500ml	2	6		
58	BEAKER Graduated	'B.G.', 1000ml	2	6		
59	BEAKER Graduated	'B.G.', 50ml	2	6		
60	BURETTE	BURETTE with Rota Flow Stopcock, 'B.G.', 50 ml	5	15		
61	FLASK CONICAL	'B.G.', 100ml	2	6		

62	FLASK CONICAL	'B.G.', 250ml	2	6		
63	FLASK CONICAL	'B.G.', 500ml	2	6		
64	FUNNEL	'B.G.', 75mm	4	12		
65	MEASURING CYLINDER	(Round Base) B.G, Without Stopper, 25ml	3	9		
66	PIPETTE GRADUATED	'B.G.', 5ml.	4	12		
67	PIPETTE GRADUATED	'B.G.', 25ml.	4	12		
68	REAGENT BOTTLE	(Narrow Mouth), 'B.G.', 125ml	2	6		
69	REAGENT BOTTLE	(Narrow Mouth), 'B.G.', 250ml	2	6		
70	SEPARATING FUNNEL,	'B.G.', 250ml	2	6		
71	FUNNEL	'POLYLAB', 75mm	2	6		
72	KIPPS APPARATUS	'POLYLAB', 500ml	1	3		
73	PIPETTE STAND	Horizontal for 12 Pipette 'POLYLAB'	1	3		
74	PIPETTE STAND	Vertical for 28 Pipette 'POLYLAB'	1	3		
75	SLIDE BOX	'POLYLAB', 100 Slides	1	3		
76	TEST TUBE STAND	'POLYLAB' 6 Hole	3	9		
77	TESTTUBE STAND	(ROUND)'POLYLAB'12Hole	1	3		
78	WASH BOTTLES	'POLYLAB', 250ml	3	9		
79	RUBBERCORK	(EXTRASOFT)SUPERIORQUALITY, Size No. 9, Top Dia(mm) 28, Bottom Dia21.5	3	9		
80	BEAKER TONG	12" (Stainless Steel)	1	3		
81	FLASK TONG	12" S.S	1	3		
82	Delivery Tube	L Type	2	6		
83	Delivery Tube	U Type	1	3		
84	BALANCE DIGITAL	Cap. 2kg, L.C. 0.1gm (100mg). Kerro Make	1	3		
85	CORK BORER	Setof6 (HEAVYPattern) German Type (Export Quality) Strong Handles.	1	3		
86	IRON STAND	(with Clamp& Boss Head), 7x5" Sheet Metal (RETORT STAND), Superior Quality with Dipress Clamp &Bosshead	2	6		
87	THERMOMETER	(30cm Length), -10 to 110C, Mercury.	2	6		
88	DROPPER	Plastic (3ml) Graduated.	12	36		
89	DROPPER GLASS WITH TEAT	RUBBER TEAT, 6"	6	18		
90	PERIODIC TABLE CHART	Modern Periodic Table, 75 x 100cm Raxine.	1	3		
91	Educational Raxine Charts	(Size 75x100cm); CHEMISTRY: GENERAL (White Raxine), Laboratory Safety Measures	1	3		

### C-CHEMISTRY: CHEMICALS

92	Litmus blue indicator paper	100 ls	1	3		
93	Litmus red indicator paper	100 ls	1	3		
94	Indicator paper	pH 1-14 (Full range), 200 ls	1	3		
95	D.M. Water	(Deionised water), 500 ml	1	3		
96	Hydrochloric acid	(Thermocole pack)- 35%, 500 ml (For Safety Purpose thermocole pack is provided)	2	6		
97	Sulphuric acid	(Thermocole pack)-97 %, 500 ml (For Safety Purpose thermocole pack is provided)	2	6		
98	MAGNESIUM RIBBON	25 Gm	1	3		
99	Egg albumin flakes	(Protein - 95%), 25 gm	1	3		
100	Copper metal	Copper metal turnings - 99%, 100 gm	1	3		
101	Aluminium metal powder	(Atomised) - 99.5%, 250 gm	1	3		
102	Zinc metal granulated	Zinc metal granulated A.R.- 99.9%(Confirms to ACS specification), 250 gm	1	3		
103	Potassium alum	Potassium alum - 99% (Aluminium Potassium sulphate), 500 gm	1	3		
104	Aluminium sulphate	Aluminium sulphate - 98%, 500 gm	1	3		
105	Calcium hydroxide	Calcium hydroxide - 95%, 500 gm	1	3		
106	Cupric sulphate	Cupric sulphate (Copper sulphate)-98.5%, 500 gm	1	3		
107	Sodium bicarbonate	Sodium bicarbonate- 99%( Sodium hydrogen carbonate), 500 gm	1	3		
108	Starch soluble	500 gm	1	3		
109	Sulphur powder	Sulphur powder - 99.5%, 500 gm	1	3		
110	Zinc sulphate	Zinc sulphate - 99%, 500 gm	1	3		
111	Litmus blue solution	125 ml	1	3		
112	Litmus red solution	125 ml	1	3		
113	Universal indicator solution	125 ml	1	3		
114	Acetic acid	Acetic acid glacial - 99.5%, 500 ml	1	3		

### D-BIOLOGY

115	HUMAN BRAIN	Model 4 Parts Dissectible (On Base)	1	3		
116	HUMAN EAR	Model On Base	1	3		
117	HUMAN EYE	Eye Model on Stand	1	3		
118	HUMAN HEART	Heart on stand (2 parts Dissectible)	1	3		
119	HUMAN KIDNEY	On Stand (2 Parts Dissectible)	1	3		
120	HUMAN LUNGS	(BASIC MODEL)	1	3		
121	LIVER MODEL		1	3		
122	HUMAN SKELTON STAND	(Metallic)	1	3		
123	HUMAN DIGESTIVE SYSTEM	Superior Model on Board 30"x12"	1	3		

124	FORCEPS	(Stainless Steel), 5" Pointed	3	9		
125	BLOTTING PAPER	18"x22"	10	30		
126	WATCH GLASS	Dia 4" (Superior Quality Per Dozen)	1	3		
127	FILTER PAPERPKT	(Doctor Watt Make), Dia 12.5cm, Hand Made	2	6		
128	MEASURING CYLINDER	(Round Base) B.G, Without Stopper, 500ml	1	3		
129	Delivery Tube	L Type	2	6		
130	COTTON THREAD	( Roll)	1	3		
131	COVERSLIP	(Pk. of 10Gm), 18mm, Round	12	36		
132	DISSECTING NEEDLE	Plastic Handle	4	12		
133	COMPOUND MICROSCOPE	Two eyepiece10x, 15x& twoobjectives10x, 45x, with fixed condenser, MICRON Make (KG-2) 'ISI Marked' (Thermocole Box)	1	3		
134	PLAIN SLIDE	Size 75x25mm Glass, Thickness 1.35 (Pk of 50)	2	6		
135	Parenchyma	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
136	Collenchyma	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
137	Sclerenchyma	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
138	Xylem	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE:-	1	3		
139	Phloem	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
140	Dicot Stem	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
141	Dicot Root	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
142	Monocot Root	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
143	Dicot Leaf	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
144	Monocot Leaf	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
145	Chlorella	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
146	Spirogyra	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		

147	Volvox	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
148	Nostoc	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
149	Yeast	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
150	Lichen	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
151	Oscillateria	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
152	Rhizopus	PREPARED SLIDE FOR MICROSCOPE, PLANT TISSUE	1	3		
153	Mammal: Bone	PREPARED SLIDE FOR MICROSCOPE, ANIMAL TISSUE	1	3		
154	Mammal: Artery	PREPARED SLIDE FOR MICROSCOPE, ANIMAL TISSUE	1	3		
155	Mammal: Vein	PREPARED SLIDE FOR MICROSCOPE, ANIMAL TISSUE	1	3		
156	Mammal: Liver	PREPARED SLIDE FOR MICROSCOPE, ANIMAL TISSUE	1	3		
157	Mammal: Stomach	PREPARED SLIDE FOR MICROSCOPE, ANIMAL TISSUE	1	3		
158	Mammal: Blood	PREPARED SLIDE FOR MICROSCOPE, ANIMAL TISSUE	1	3		
159	Bacteria	PREPARED SLIDE FOR MICROSCOPE, ANIMAL TISSUE	1	3		
160	Paramecium	PREPARED SLIDE FOR MICROSCOPE	1	3		
161	Slide Amoeba	PREPARED SLIDE FOR MICROSCOPE	1	3		
162	Slide Hydra	PREPARED SLIDE FOR MICROSCOPE	1	3		
163	Yeast Budding	PREPARED SLIDE FOR MICROSCOPE	1	3		
164	Human Skeleton	Height- 5 feet	1	3		

Total bidding price (including taxes and other charges is Rs. \_\_\_\_\_/Rupees( )in words.

We agree to supply the above goods in accordance with the technical specification mentioned in the supply order.

- (a) In case of discrepancy between unit price and total price, the lowest price among them shall be Prevail.
- (b) We agree to other terms and conditions of the tender and also confirmed we will provide the materials as per the standard specified in the document.

Place

Date

Full signature of the Bidder  
With date and seal

### IMPORTANT DATES

1	Date of hoisting of the bid document on website	23/12/2022
2	Date for sale of the bid documents	23/12/2022 to 10/01/2023 up to 5:00 PM
3	Last date & Time for receipt of bid documents	11/01/2023, 5:00PM
4	Date & Time of opening of Bid document	12/01/2023, 11:00 AM

Checklist of Documents

Sl. No.	Particulars of Item	Status (Yes/No)
1	Copy of valid Company Registration Certificate and GST Certificate.	
2	Copy of audited balance sheet and profit and loss account for FY 2019-20, 2020-21, 2021-22 clearly indicating the turn over.	
3	Work experience certificate from authorized office not below the rank of Class-I Officer/ copy of work order/ copy of agreement in support of execution of similar nature of works.	
4	Proof of Experience/Contracts.	
5	Photo copy of the Income Tax Clearance Certificate /PAN card of the supplier OEM etc.	
6	Original Money receipt / Demand Draft as proof of cost of Tender paper.	
7	EMD @ 1% of the Bid amount in shape of DD.	
8	Undertaking for capacity to deliver and onsite installation in stipulated time frame.	
9	Undertaking for no blacklisting.	
10	Undertaking for no pending legal cases.	
11	Bid Processing Fees of Rs 2,500 in shape of DD	
12	Own manufacturing Unit	
14	DIC Certification on production facilities	
15	Bank Account Number (Self attested Blank Cheque to be attached)	