

OFFICE OF THE PROJECT ADMINISTRATOR, INTEGRATED TRIBAL DEVELOPMENT AGENCY,  
BARIPADA, MAYURBHANJ.

(Phone / Fax No. (06792)-260250, email – [itdabpd@nic.in](mailto:itdabpd@nic.in) & [itdabpd@gmail.com](mailto:itdabpd@gmail.com))

No: 6140 **SHORT TENDER CALL NOTICE** Dated: 23.12.2024  
ITDA/ Baripada

Expression of interest is invited by PA, ITDA, Baripada from the experienced & interested organisation/ Firms/ Agencies for installation of **SCIENCE LABORATORIES (Physic Lab , Chemistry Lab , Botany Lab & Zoology Lab ) At GOVT. (SSD) GIRLS HIGHER SECONDARY SCHOOL, BANAKATI, SHYAMSUNDARPUR, MAYURBHANJ** as per specification mentioned below. Interested organisation/ Firms/ Agencies are required to submit plain application offering the price including cost of materials, transportation and installation in sealed envelope superscripted as **APPLICATION FOR SUBMISSION OF EXPRESSION OF INTEREST TO INSTALLATION OF FOLLOWING ITEMS** by Registered Post/ Speed Post / Courier Service / By Hand only. Proposal in e-mail wouldn't be entertained in this regard. The bidder may download the **ITEM DETAILS / detailed terms & conditions** and list of documents to be obtained from our district website <https://mayurbhanj.odisha.gov.in> The **EOI** should be addressed to Office of **Project Administration, ITDA, Baripada**. The application will be received from 24.12.2024 before or on 03.01.2025 till 01.00P.M. The same shall be opened on 03.01.2025 at 3:30 P.M. in the presence of Authorized signatory & representatives.

  
Project Administrator,  
ITDA, Baripada

**Terms & Conditions:**

- The Organisation/ firm/ agency must have **GST** number
- The Organisation/ firm/ agency must have **PAN** in the name of the organisation.
- The maximum tender value is **Rs. 11,92,307/- (Rupees Eleven Lakh / Ninety Two Thousand / Three Hundred & Seven) only**
- The Organisation/ firm/ agency must have submitted the last three-year income tax return.
- The Organisation/ firm/ agency not black listed by any state/ central govt. agency/ organisation.
- The Organisation/ firm/ agency must have submitted the Eols including the expenditure towards transportation & installation (specified separately) at the point.
- The Organisation/ firm/ agency must have the adequate previous experience for performing such work and need to be submit the supporting documents for such experience.
- No payment of advance is admissible.
- The Qoutationer must quote their unit price with detail specification inclusive all taxes of the items for one year valid period.
- The quote price must be clearly mentioned in the bid separately cost & GST.
- There shouldn't be any overwriting/ correction in the tender paper.
- The price quoted by the tenderer shall be settled with mutual consent between tendered & bidder.
- Decision of the selection committee is final & can't be alleged at any circumstances & undersigned reserved all the rights to cancel any or all quotation without assigning any reason.

### ITEM DETAILS (Physic Lab)

Sl. No.	Description / Item	Qty.	Unit	Price
1	Meter bridge	10	No	
2	Ammeter	10	No	
3	Voltmeter	10	No	
4	Resistance Box	10	No	
5	Battery Eliminator	10	No	
6	Rheostat	10	No	
7	Connecting Wire	5	Bundle	
8	One way key	30	No	
9	Two way key	30	No	
10	Galvanometer	15	No	
11	Galvanometer with lamp and scale arrangement	6	No	
12	Plug type accumulator	10	No	
13	Storage Cell (a lead accumulator)	10	No	
14	Tap key	6	No	
15	High resistance box	4	No	
16	Low resistance box	4	No	
17	Meter scale	10	No	
18	Sonometer with non magnetic wire	5	No	
19	Horse shoe magnet	5	No	
20	Step down transformer	5	No	
21	Hanger with ½ kg slotted weight	5	No	
22	Concave mirror	10	No	
23	Pinned lath	10	No	
24	Mirror stand	20	No	
25	Pins	20	Packet	
26	Pin stand	20	No	
27	Convex mirror	10	No	
28	Convex lens	10	No	
29	Divider	10	No	
30	Lens stand	10	No	
31	Drawing board	20	No	
32	Fixing pins	20	Bundle	
33	Prism	30	No	
34	Hair pins	20	Bundle	
35	Travelling microscope	5	No	
36	Glass slab	10	No	
37	Lycopodium cork power	1	Kg	
38	Spirit Level	10	No	
39	Zenor diode	10	No	
40	PN junction diode	10	No	
41	Slide callipers	10	No	
42	Cylinder type body	10	No	
43	Screw gauge	10	No	

44	Irregular plane lamina	10	No	
45	Spherometer	10	No	
46	Watch glass	10	No	
47	Base plate	10	No	
48	Beam balance	10	No	
49	Weight box (standard weight, fractional weight)	10	No	
50	Spherical metal bob with a hook	10	No	
51	2 meter long thread	10	No	
52	Split cork	10	No	
53	Clamp stand	10	No	
54	Stop watch horizontal	10	No	
55	Horizontal surface lined with glass and fitted with frictionless pulley	10	No	
56	Wooden block	10	No	
57	Thread	10	Meter	
58	Scale pan	10	No	
59	Spring balance	10	No	
60	Youngs Modulus by vernier apparatus	10	No	
61	Searle apparatus	10	No	
62	Measuring tape	5	No	
63	Helical spring	5	No	
64	Rigid support	5	No	
65	Clamp stand	5	No	
66	Hanger stand	5	No	
67	Slotted weight 100gm each	5	No	
68	Pointer	5	No	
69	Surface tension by water capillary method	5	No	
70	Breaker	5	No	
71	Capillary tube	5	No	
72	Travelling microscope needle	5	No	
73	Specific heat of a solid by method of mixture	5	No	
74	Regnaull apparatus	5	No	
75	Callorimeter	5	No	
76	Stirrer	5	No	
77	Thermometer	5	No	
78	Boiler burner	5	No	
79	Experimental solid a metal block of 100gm approx.	10	No	
80	Balance	10	No	
81	Weight box (standard weight, weight box)	10	No	
82	Sonometer	10	No	
83	Tuning fork	10	No	
84	A hanger with slotted wire	10	No	
85	Rubber pad	10	No	
86	Water column	10	No	
87	Different valued of tuning form	10	No	
88	Photo of Eienstein (with frame)	1	No	

89	Photo of Newton	1	No	
90	Photo C.V. Raman	1	No	
91	Photo of Nicolos Tesla	1	No	
92	Photo of Hommie J. Bhava	1	No	
93	Photo of Michel Faraday	1	No	
94	Scientific Calculator	5	No	
95	Wooden Rack to be fitted under table	5	No	
96	AND Gate	5	No	
97	OR Gate	5	No	
98	NOT Gate	5	No	
99	Compass Needle	5	No	
100	Manual Stopwatch	5	No	
101	Laser Light (Green)	5	No	
102	Glass Tub	5	No	
103	Patch cord	5	No	
104	Battery eliminator	5	No	
105	LED	5	No	
106	Spring Balance	5	No	
107	Photo electric effect and plancks constant	5	No	
108	Half wave rectifier without filter	5	No	
109	Full wave rectifier without filter	5	No	
110	Digital IC trainer KIT	5	No	
111	Synchronous Moter	5	No	
112	12V Transformer	5	No	
113	DC Moter (Small)	5	No	
114	CRO probe	5	No	
115	Multimeter	5	No	
116	Diodes	5	No	
117	Smart class equipment	5	No	
118	Sonometer setup for measuring	5	No	
119	Travelling Nicroscope	5	No	
120	Ohm's Law Apparatus	5	No	
121	Spectrometer	5	No	
122	Galvanometer	5	No	
123	Zener Diode Characteristics apparatus	5	No	
124	Sprit level	5	No	
125	Single Slit	5	No	
126	Double Slit	5	No	
127	Sodium Lamp	5	No	
128	Black curtain	5	No	
129	Digital Storage Oscilloscope	5	No	
130	Resistor	5	No	
131	Capacitor	5	No	
132	Capacitor (2.5 microfarad)	5	No	

**ITEM DETAILS (Chemistry Lab)**

Sl. No.	Description / Item	Qty.	Unit	Price
1	BUSEN BURNER	6	No	
2	WATCH GLASS	6	No	
3	TEST TUBE	200	No	
4	TEST TUBE HOLDER	12	No	
5	TEST TUBE BRUSH	5	No	
6	TEST TUBE STAND	5	No	
7	BOILING TEST TUBE HARD GLASS	2	No	
8	BLOW PIPE	4	No	
9	PLATINUM WIRE	4	No	
10	NICROME WIRE	1	No	
11	BLUE GLASS	5	No	
12	CORK	20	No	
13	CORK BORER	5	No	
14	MEASURING CYLINDER 10 ML	2	No	
15	MEASURING CYLINDER 25 ML	2	No	
16	MEASURING CYLINDER 250 ML	2	No	
17	FILTER PAPER	2	Packet	
18	BURETTE	5	No	
19	BURETTE STAND	5	No	
20	PIPETTE	5	No	
21	CONICAL FLASK 100 ML	5	No	
22	CONICAL FLASK 250 ML	5	No	
23	CONICAL FLASK 500 ML	5	No	
24	BEAKER 100 ML	10	No	
25	BEAKER 250 ML	5	No	
26	BEAKER 500 ML	5	No	
27	MORTAR PASTEL	5	No	
28	PORCEOLAIN BASIN	5	No	
29	ROUND BOTTOM FLASK	5	No	
30	REAGEANT BOTTLE 125ML	10	No	
31	REAGEANT BOTTLE 250ML	10	No	
32	REAGEANT BOTTLE 500ML	10	No	
33	GLASS FUNNEL	6	No	
34	PLASTIC FUNNEL	6	No	
35	FUNNEL STAND	6	No	
36	PAIR OF TONGS	5	No	
37	TRIPOD STAND	6	No	
38	WIRE GAUZE	6	No	
39	IRON STAND	6	No	
40	TRIANGULAR FILE	6	No	
41	CORK BORER	6	No	
42	PASSING TUBE	6	No	
43	GLASS ROD	6	No	

44	CORK PRESSURE WHEEL	6	No	
45	WATER BATH	6	No	
46	EUDIOMETER TUBE	1	No	
47	WATER CONDENSER	1	No	
48	BEEHIVE SHELF	10	No	
49	DESICCATORS	1	No	
50	FLAT BOTTOM FLASK	6	No	
51	BOILING FLASK	6	No	
52	FISH TAIL BURNER	1	No	
53	GAS JAR	6	No	
54	CHINA DISH	5	No	
55	CRUCIBLE	1	No	
56	VOLUMETRIC FLASK	6	No	
57	DROPPERS	6	No	
58	RUBBER TUBING	6	No	
59	PERIODIC TABLE WALL CHART	1	No	
60	MOLE CONCEPT WALL CHART	1	No	
61	CHEMICAL BONDING WALL CHART	1	No	
62	PH COLOUR WALL CHART	1	No	
63	LABORATORY SAFETY WALL CHART	1	No	
64	STRUCTURE OF ATOM WALL CHART	1	No	
65	PHYSICAL CHEMISTRY FORMULA CHART	1	No	
66	VALENCY OF ELEMENTS CHART	1	No	
67	STATE OF MATTER WALL CHART	1	No	
68	HOT GLOVES	10	No	
69	SPIRIT LAMP	10	No	
70	FERROUS SULPHATE CRYSTAL	500	GM	
71	AMMONIUM SULPHATE	500	GM	
72	SULPHURIC ACID	500	ML	
73	ETHYL ALCOHOL	5	LITER	
74	POTASSIUM SULPHATE CRYSTAL	500	GM	
75	ALUMINIUM SULPHATE CRYSTAL	500	GM	
76	OXALIC ACID	500	ML	
77	SODIUM CARBONATE	500	GM	
78	SODIUM HYDROXIDE	500	GM	
79	POTASSIUM PERMANGANATE	500	GM	
80	HYDROCHLORIC ACID	500	ML	
81	METHYL ORANGE	100	ML	
82	PHENOLPHTHALEIN	100	ML	
83	LEAD NITRATE	500	GM	
84	POTASSIUM CARBONATE	500	GM	
85	COPPER TURNING	100	GM	
86	POTASSIUM IODIDE	100	GM	
87	POTASSIUM CHROMATE	250	GM	
88	SODIUM SULPHATE	500	GM	

89	POTASSIUM DICHROMATE	500	GM	
90	AMMONIUM CHLORIDE	500	GM	
91	AMMONIUM HYDROXIDE	500	GM	
92	AMMONIUM CARBONATE	500	GM	
93	DISODIUM HYDROGEN PHOSPHATE	500	GM	
94	SODIUM NITRATE	500	GM	
95	COBALT NITRATE	100	GM	
96	ACITIC ACID	500	ML	
97	POTASSIUM PYRANTIMONATE	25	GM	
98	COBALT NITRATE	500	GM	
99	BARIUM CHLORIDE	500	GM	
100	ZINC SULPHIDE	1	KG	
101	SODIUM PHOSPHATE	500	GM	
102	STRONTIUM CHLORIDE	500	GM	
103	POTASSIUM CHROMATE	500	GM	
104	CALCIUM SULPHATE	500	GM	
105	COPPER CARBONATE	250	GM	
106	LEAD ACETATE	500	GM	
107	NITRIC ACID	500	ML	
108	AMMONIUM MOLYBDTATE	500	GM	
109	SILVER NITRATE	500	ML	
110	MAGNESIUM SULPHATE	500	GM	
111	SODIUM CHLORIDE	500	GM	
112	POTASSIUM HYDROXIDE	500	GM	
113	MERCURIC CHLORIDE	500	ML	
114	IRON SULPHIDE	1	KG	
115	NAGNESON REAGENT	100	ML	
116	NESLER'S REAGENT	100	ML	
117	BROMINE WATER	500	ML	
118	CARBON TETRACHLORIDE	500	ML	
119	SODIUM BICARBONATE	500	GM	
120	BENZOIC ACID	500	GM	
121	FERRIC CHLORIDE	500	ML	
122	PHENOL	500	GM	
123	2,4-DINITROPHYENYL HYDRAZINE	500	ML	
124	SODIUM BISULPHITE	500	GM	
125	FEHLING SOLUTION-1	500	ML	
126	FEHLING SOLUTION-2	500	ML	
127	TOLLEN'S REAGENT	500	ML	
128	CERRIC AMMONIUM NITRATE	500	ML	
129	ACETAL DEHYDE	500	ML	
130	BENZAL DEHYDE	500	ML	
131	NAPHTHALENE	500	GM	
132	SCHIFF REAGENTS	200	ML	
133	PHENOLPHTHALEIN	200	ML	

134	SODIUM NITRO PRESIDE SOLUTION	500	ML	
135	SODIUM CARBONATE	500	GM	
136	CHARCOAL	1	BOX	
137	STANNOUS CHLORIDE	500	GM	
138	BORAX	500	GM	
139	SODIUM OXALATE	500	ML	
140	FERROUS AMMONIUM SULPHATE	500	GM	
141	AMMONIUM THIOCYANATE	500	GM	
142	DIMETHYL GLYOXIME	500	ML	
143	ACETONE	500	ML	
144	DISTILLED WATER	10	LITRE	
145	SODIUM HYDROXIDE	500	GM	
146	POTASSIUM HYDROXIDE	500	GM	
147	STILL SPATULLA	10	NO	
148	LIGHTER	6	NO	
149	EYE GLASS	5	NO	
150	DIGITAL THERMOMETER	3	NO	
151	HAND GLOBES	5	PAIR	
152	BLUE LITMUS PAPER	10	NO	
153	RED LITMUS PAPER	10	NO	
154	DIGITAL WEIGHING MACHINE	1	NO	
155	GLASS KEEP'S APPARATUS	1	NO	

### ITEM DETAILS (Botany Lab)

Sl. No.	Description / Item	Qty.	Unit	Price
1	Motor and Pastel	10	No	
2	Digital Weighing Machine	5	No	
3	Ganong's potometer	10	No	
4	T/A Apparatus	10	No	
5	Wilmotts Bubbler	10	No	
6	Acetone	5	No	
7	Sodium Bicarbonate	10	No	
8	Formaldehyde Solution	10	No	
9	Ethanol	7	No	
10	Chromatography paper	15	No	
11	Cellophenic paper	10	No	
12	Glycerol	5	No	
13	Vaseline	10	No	
14	Botanical Permanate Slide	40	No	
15	Coverslip	10	Box	
16	Farmer's Potometer	10	No	
17	Watch Glass	30	No	
18	Dissecting Microscope	10	No	
19	Beaker 100 ml	20	No	

20	Pipette 2 ml	40	No	
21	Test Tube Stand	10	No	
22	Beaker 100 ml	10	No	
23	Beaker 500 ml	10	No	
24	Safranin	5	No	
25	Dropper	40	No	
26	Cork Borrer	10	SET	
27	Crystal Violet	5	No	
28	Spirit Lamp	15	No	
29	Plane Slide	20	Packet	
30	Conical Flask 250 ml	20	No	
31	Conical Flask 500 ml	20	No	
32	Filter Paper	10	No	
33	Compound Micriscope	10	No	
34	Micro Pipette Fixed	10	No	
35	Ph paper universal	10	No	
36	Petridish	30	No	
37	Slide of Mitosis	20	No	
38	Slide of Meiosis	20	No	
39	Iodine Solution	5	No	
40	Nitric acid	5	No	
41	Sodium Hydroxide	5	No	
42	Petroleum ether	5	No	
43	Distilled Water	20	LITER	
44	Prokaryotic (chart)	10	No	
45	Eukaryotic (chart)	10	No	
46	Plant cell (chart)	10	No	
47	Seed Germination (chart)	10	No	
48	Tissue(chart)	10	No	
49	Stop Watch	5	No	
50	Cavity Slides	10	No	
51	DNA 3D Model	5	No	
52	Gloves	10	BOX	
53	Slide Box (large)	10	No	
54	Beaker 50 ml	10	No	
55	All the wall charts of morphology, anatomy, embryology, reproduction and genetics	2	SET	
56	Smart class equipment with projector	1	SET	

### ITEM DETAILS (Zoology Lab)

Sl. No.	Description / Item	Qty.	Unit	Price
1	Human Skeleton 5ft	1	No	
2	Compound Microscope(40x)	10	No	
3	Slide Box	2	No	
4	Dissection Box	10	No	
5	Haemoglobin meter	5	No	
6	Dissecting tray	10	No	
7	All Invertebrate and Vertebrate Specimens	1	No	
8	Mammalian bone sets	5	No	
9	Iodine Solution	1	No	
10	Rectified Spirit	1	No	
11	Benedicts reagents	1	No	
12	Urea Solution	1	No	
13	Acetic acid Plane slide	1	No	
14	Plane Slide	1	No	
15	Dil. Nitric acid	1	No	
16	Glycerine	1	No	
17	Potassium Hydroxide	1	No	
18	Ammonium solution	1	No	
19	Methylene blue	1	No	
20	Sudan III	1	No	
21	Copper Sulfate	1	No	
22	Litmus paper	5	Sets	
23	Soyabin powder	1	No	
24	Tripod Stand	10	No	
25	Wire gange	10	No	
26	Mortar pastel	10	No	
27	Watch glass	10	No	
28	Cocical flasks	10	No	
29	Reagent bottles 100ml,250ml	5	No	
30	Test tube cleaning brush	10	No	
31	Petridisc	10	No	
32	Haematocrit tube	10	No	
33	RBC pipette	10	No	
34	Dissecting Microscope	10	No	
35	Beaker 100ml	10	No	
36	Pipette 2 ml	10	No	
37	Test Tube stand	10	No	
38	Beaker 250 ml	10	No	
39	Beaker 500 ml	10	No	
40	Safranin	1	No	
41	Dropper	10	No	
42	T S of Stomach	10	No	
43	TS of Kidney	10	No	
44	TS of Spinal Chord	10	No	
45	TS of Artery	10	No	

46	TS of vein	10	No	
47	TS of testis of rabbit	10	No	
48	TS of ovary of Rabbit	10	No	
49	Slides of nerve cell	1	Set	
50	Slides of muscle fibres	1	Set	
51	Test tubes	100	No	
52	Test tube stand	10	No	
53	Oil paper charts-Human skeletal system	1	No	
54	Animal cell charts	1	No	
55	Control and coordination and brain chart	1	No	
56	Cell Organelles chart	1	No	
57	Animal Kingdom chart	1	No	
58	Human Blood Chart	1	No	
59	Cell division in animal cell chart	1	No	
60	Spermatogenesis and oogenesis chart	1	No	
61	Animal tissues chart	1	No	
62	Life cycle of Plasmodium vivax chart	1	No	
63	Life cycle of Entamoeba Histolytica chart	1	No	
64	Life cycle of Salmonella typhii chart	1	No	
65	Life cycle of W.Bancrofti chart	1	No	
66	HIV AIDS CHART	1	No	
67	Poisonous and non-poisonous snake chart	1	No	
68	Apiculture chart	1	No	
69	Sericulture, lifecycle of silkworm chart	1	No	
70	Sex determination	1	No	
71	Evidences of evolution	1	No	
72	Evolution of man model	1	No	
73	Recombinant DNA Technology model or chart	1	No	
74	Southern blotting, gel electrophoresis chart	1	No	
75	Fertilization and development of foetus chart	1	No	
76	Zoology Lab precautions chart	1	No	
77	Model-Human eye and ear, beehives	1	No	
78	Muscles and muscle contraction chart	1	No	
79	Digital weighing machine	1	No	
80	Stop watch	1	No	
81	Tissue Paper	5	Set	
82	Aquarium	1	No	
83	PH tables (4,7,9)	1	No	
84	Cover slip	50	No	
85	Spatula	10	No	
86	Distilled water	10	Litter	
87	Projector and smart class equipments	1	Set	

  
 Project Administrator | 12/2024  
 ITDA, Baripada

**Memo No** 6141 /ITDA, **Dt** 23.12.2024

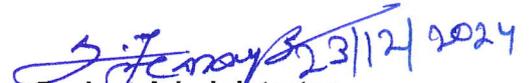
Copy to Notice Board of ITDA, Baripada, General Manager, D.I.C., Mayurbhanj / CDO-Cum-EO, Zilla Parishad, Mayurbhanj / District Welfare Officer, Mayurbhanj / Deputy Director (P&S) DPMU, Mayurbhanj / All Block Development Officers of Mayurbhanj District / Executive Officer, Baripada Municipality / Executive Officer, NAC, Udala, Karanjia, Rairangpur, for information and wide publication.

Copy to DeGM, Mayurbhanj for information and necessary action.

  
Project Administrator,  
ITDA, Baripada

**Memo No** 6142 /ITDA, **Dt** 23.12.2024

Copy submitted to the Collector & District Magistrate, Mayurbhanj, Baripada for favour of kind information.

  
Project Administrator,  
ITDA, Baripada