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SAINIK SCHOOL  
Amaravathinagar 642 102  
Udumalpet Taluk  
Tiruppur District (TN)

SSA/Q/335/18-19

Aug 2018

To

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### **TENDER DOCUMENTS**

1. Reference your letter No ..... dated .....
2. Tender form is enclosed herewith. Tender should be sent in a sealed cover in the prescribed format and the envelope should be prominently marked outside. **'Tender for the supply of 'GENERAL SCIENCE LAB REQUIREMENT'**
3. Principal reserves the right to accept or reject any or all tenders without assigning any reason. All bidders are required to sign with date in all the places prescribed for the purpose.
4. All the sealed tenders should be sent by post or posted in the tender box provided for the purpose in the school premises. Tenders will be opened at date and time mentioned in the `Terms and Conditions' in the presence of such of those bidders or their authorized agents, as may be present. Last date and time for receipt of filled tenders by the school is mentioned in the `Terms and Conditions'.
5. Technical specifications (if any) and Terms and Conditions of tendering procedure are enclosed herewith separately.

Administrative Officer  
For Principal

**TENDER FORM FOR THE SUPPLY OF GENERAL SCIENCE LAB REQUIREMENT'**

**FOR THE YEAR 2018-19**

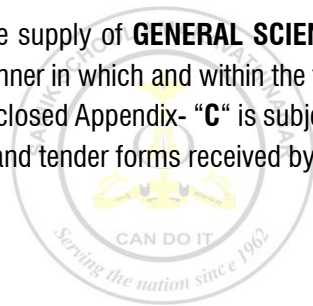
From

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To

The Principal,  
Sainik School,  
Amaravathinagar - 642102

I hereby quote the rates for the supply of **GENERAL SCIENCE LAB REQUIREMENT'**as specified in the enclosed Appendix – “**C** “ in the manner in which and within the time specified as set forth in the terms of agreement. The rate furnished in the enclosed Appendix- “**C**“ is subject to the conditions set forth in the terms and conditions of tendering procedure and tender forms received by me.



Encl: As above.

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(Signature of the tenderer and name in Capital letters)  
If Companies or firm, The Managing Director / Partner  
should sign with seal )

## TERMS AND CONDITIONS OF TENDERING PROCEDURE

1. Filled Tender forms should be attached with a Demand Draft for Rs.500/- drawn in favour of “ The Principal Sainik School , Amaravathinagar” payable at Amaravathinagar (STATE BANK OF INDIA, BRANCH CODE 02191) towards tender cost, nonrefundable. The Filled tender form without DD will not be considered.
2. **Payment:**
  - (a) Payment will be made only after receipt of the items/ products/materials/equipment service at the school and after satisfactory installation by the company representative / completion of work.
  - (b) No advance payment will be made on any account.
  - (c) Payment will be made only by means of an `Account Payee Cheque`. DD may be issued on request in writing.
3. The firm should bring the items/equipment/product/materials to the school as sample at their cost to confirm its superiority. **Samples/documents/brochures/catalogues are mandatory to confirm the technical bid prior to financial bid.**
4. The firm should be ready to execute the supply within 15 days from the date of the order as per the requirement. The firm is liable to compensate damages/financial losses to the school, in case they fail to execute the order after getting the supply order. The demand after the finalisation of supplier can be in the form of written, SMS, e-mail. The reason of ignorance by the supplier for the failure to execute an order shall not be entertained or accepted.
5. Warranty/guarantee period is to be mentioned.
6. Maximum `**Educational Discount**` admissible is to be mentioned in the Offer.
7. If required, negotiation may be made during finalization of the contract and the date will be intimated later.
8. The Principal, Sainik School reserves the right to reject any or all tenders without assigning any reason thereof.
9. If any certificate, enclosed by firm are found to be fake/bogus/tampered, such of those agencies shall be black listed for a period of 10 years and the contract will be terminated with immediate effect.
10. Each firm has to submit a copy of Registration certificate/Registration number from the concerned authority wherever applicable.
11. Tenders by Fax/E-mail will not be accepted.
12. Post tender correspondences shall not be entertained.
13. Last two year's list of clients is to be enclosed.
14. It is hereby brought to the notice of all prospective bidders that if any change/additions/alterations are found to be made by them in the copies of the quotation, proof documents etc and the same is subsequently detected / noticed at any stage even after award of the supply order; all necessary actions

including stoppage of the supply order, and stoppage of payment would be taken. In addition the bidders shall be liable to be prosecuted under law for any malpractice found..

15. This advertisement does not constitute, and will not be deemed to constitute any commitment on the part of the school with respect to exact demand quantity.

16. The tender forms are required to be submitted prior to tender opening procedure. One day late and incomplete tender forms shall be summarily rejected. No correspondences in this regard will be entertained.

17. The Principal, Sainik School reserves the right to itself not to issue the document and/or to accept or reject any or all the offers at any stage of the process and or modify the process without assigning any reason whatsoever, and his decision in this matter is deemed as final and binding. The firm will not be entitled for any compensation for rejection of his application. However, demand draft will be returned to the bidder in case tender documents are not issued.

18. Lowest rates do not guarantee the purchase order, rather the quality, after sales service, continued response, guarantee/warranty amongst others will also be taken into consideration. Brand name and Model Nos. should invariably be quoted for all the items. Items of poor quality will not be considered for procurement.

19. If any firm has authorized dealership certificate, the same may also be enclosed. The authorized dealership shall be considered subject to other conditions.

20. Sainik School does not bind itself to accept only lowest tender. It reserves the right to select the bidders on other essential count also. The equipment should be supplied, installed and commissioned in the existing setup, Necessary configurations/arrangements will be carried out by the Tenderer)by the tenderer within the specified time stipulated and the validity of the offer holds good till such time. The equipment should be custom - cleared by the supplier and delivered at the School by the supplier.

21. Bidder should be the manufacturer. In case if bidder is quoting on behalf of Other Equipment Manufacturer (OEM), then the bidder should be authorized by the OEM. The equipment offered should meet all the technical specifications as stipulated in the bid and the technical terms and conditions.

22. The last date for submission of `Tender Document' is **30 AUG 2018 at 1700 h**. Tenders received after the due date will not be considered.

23. Tenders will be opened on **31 AUG 2018 at 1530 h** at the school premises by the Tender opening committee (TOC).

24. Legal jurisdiction will be restricted to only at Udumalpet Taluk.

25. PRINCIPAL'S DECISION WILL BE FINAL ON ALL MATTERS.

26. All correspondence should be addressed to the following address:-

**The Principal, Sainik School, Amaravathinagar,  
Udumalpet – Taluk, Tiruppur – District, Tamilnadu – 642102.**

27. No information shall be given with respect to the various board proceedings, Supply order, total quantity, brand selection, tender forms of other parties, quotations of other parties, contact details / addresses of other parties, etc., even under RTI Act. Your attention is brought to RTI section 8 for reference.

**Note:** If the date of receipt and opening of tenders happen to be declared as Holiday, the same will be observed on the next working day at the same time. The successful bidder should submit their RFP documents duly signed in all pages at the time of signing the contract.



## SAINIK SCHOOL AMARAVATHINAGAR GENERAL SCIENCE LAB REQUIREMENTS

S.NO	PHYSICS LAB REQUIREMENTS	Qty	HSN Code	Rate	GST %	Rate Including GST
1	PHYSICAL BALANCE- WEIGHT BOX	1 each				
2	SPRING BALANCE 100 g, 250 g, 500g	6 each				
3	SIMPLE PENDULUM bob	12 no				
4	TUNING FORK 512hz, 480 hz	6 each				
5	REFLECTION OF SOUND KIT	6 no				
6	BURNERS, SPIRIT, LAMP, STAND., etc					
7	STANDS, BALLONS, HOLDERS., etc					
8	CLINICAL THERMOMETER	2 no				
9	MERCURY, ALCOHOL, DIGITAL THERMOMETERS	2 each				
9	LABORATORY THERMOMETER	4 no				
10	MAXIMUM MINIMUM THERMOMETER	1 no				
11	IRON RODS, WAX, CANDLES, STOP WATCHES	3 sets				
12	PLANE, CONVEX, CONCAVE MIRRORS	5each				
13	CONCAVE AND CONVEX LENSES	5 each				
14	MIRROR STAND, SCREEN, METRE SCALE, LIGHT SOURCE	5 set				
15	ELECTROLYSIS KIT	1set				
16	ELECTRIC FUSES DIFFERENT TYPES	1 set				
17	ELECTRIC BELL KIT	2 no				
18	SERIES AND PARALLEL CIRCUITS KIT	2set				
19	SIMPLE ELECTRIC CIRCUIT	2set				
20	ANEMOMETER	1no				
21	SPEEDOMETER	2 no				
22	ODOMETER	2 no				
23	SAND CLOCK	6 no				
24	NEWTON,S DISC	2no				
25	PRISM 50mm x 50mm	6 no				
26	BAROMETER	1 no				
27	RUBBER SUCKER	2 no				
28	BALL BEARING-ROTOR	2no				
29	VOICE BOX-CHART	1				
30	HUMAN EAR – CHART	1				
31	HUMAN EYE- CHART	1				
32	NEWTON, EINSTEIN, FARADAY PORTRAITS	1				
33	MAGNETIC COMPASS	6 no				
34	ELECTROSCOPE MODEL	1 no				

S.NO	PHYSICS LAB REQUIREMENTS	Qty	HSN Code	Rate	GST %	Rate Including GST
35	SEISMOGRAPH MODEL	1no				
36	RICHTER SCALE MODEL	1 no				
37	KALAIIDOSCOPE	3no				
38	PERISCOPE	3 no				
39	SOLAR SYSTEM MODEL	1 no				
40	COSTELLATIONS MODEL	1no				
41	COMETS, METEORS, METEORITES	1 no				
42	MEASURING TAPE	2 no				
43	TWINE THREAD	6 no				
44	SPLIT CORK	6 no				
45	TORCH LIGHT KIT	2 no				
46	PLANE GLASS	5 no				
47	BUTTER PAPER	12 no				
48	PIN HOLE CAMERA	2no				
49	PLANE MIRROR HOLDER	6 pairs				
50	LUNAR, SOLAR ECLIPSE MODEL	1 no				
51	DRY CELL MODEL	1 no				
52	ELECTRIC BULB	2 no				
53	DIFFERENT TYPES OF MAGNETS	1 set				
54	OVERFLOW JAR	6 no				
55	MEASURING CYLINDER 100 ml,50 ml	6 Each				
56	SLINKY SPRING	6 no				
57	BATTERY ELIMINATOR	6 no				
58	VOLTMETER 0 - 5 V	4 no				
59	AMMETER 0 - 3 A	4 no				
60	RHEOSTAT	4 no				
61	PLUG KEYS	8 NO				
62	RESISTANCE COILS UNKNOWN VALUE	6 no				
63	METRE BRIDGE	4 no				
Total						

#### CHEMISTRY LAB REQUIREMENT

SI No	Chemicals	Qty	HSN Code	Rate	GST %	Rate Including GST
1	Acetic acid	500ml				
2	Hydrochloric acid	500ml				
3	Nitric acid	500ml				
4	sulphuric acid	500ml				
5	Sodium hydroxide	250g				
6	Ammonium Hydroxide	250ml				

SI No	Chemicals	Qty	HSN Code	Rate	GST %	GST
7	calcium oxide	250g				
8	Magnesium oxide	250g				
9	Aluminium Metal	100g				
10	Copper Metal	100g				
11	Iron Metal	100g				
12	Zinc Metal	100g				
13	Aluminium sulphate	500g				
14	Copper sulphate	500g				
15	Ferrous sulphate	500g				
16	Zinc sulphate	500g				
17	Ethanol99/	1000ml				
18	Phenolphthalene	50g				
19	Methyl Orange Indicator	50g				
20	Litmus Powder	10g				
21	Silver Nitrate	25g				
22	Lead Nitrate	500g				
23	LPG - Cylinder and Burner	1nos				
24	Ammonium dichromate	500g				
25	Sulphur Powder	100g				
26	Sodium Chloride	1KG				
27	Sodium carbonate	500g				
28	Sodium BiCarbonate	500g				
29	Ferous Sulphite(Fe2S)	500g				
30	Solvent ether	500ml				
31	Oil Substance	100ml				
32	Starch	100g				
33	Iodine Powder	10g				
34	Iodine indicator	100ml				
35	Methylene blue	50ml				
36	Saffranin	50ml				
37	Glycerine	50ml				

Total

SI No	GLASS WARES	Qty	HSN Code	Rate	GST %	Rate Including GST
1	Test Tubes	100				
2	Boiling tube	50				
3	beakers-100ml	5				
4	Beakers-250ml	5				
5	Beakers- 500ml	2				
6	Funnel-2	5				

SI No	GLASS WARES	Qty	HSN Code	Rate	GST %	Rate Including GST
7	Funnel-5	5				
8	Plastic beakr 100ml	5				
9	plastic beaker 250ml	5				
10	Plastic beakr 500ml	2				
11	Plastic Beaker 1000ml	2				
12	measuring cylinder-500ml	1				
13	Measuring cylinder 100ml	1				
14	Measuring Cylinders 25ml	2				
15	SMF 100ml	2				
16	Wash bottles 250ml	20				
17	Wash bottles 500ml	5				
18	Conical flask 250ml	5				
19	Pipette 20ml	2				
20	Burette 50ml	2				
21	Watch glass	5				
22	Glass rods	10				
23	Glass tubes	10				
24	Tripoid stand	2				
25	Wire gauz	2				
26	Burette stand	2				
27	Burette clamp	2				
28	White tiles	2				
29	Glass wool	50g				
30	Separating funnal	250ml				
31	Separating funnal stand	2				
32	Filtration stand	2				
33	Graduated pipette10ml	2				
34	Thermometre 100 ° C	2				
35	Thermometre 300 °C	1				
36	Gas pipe	2				
37	Ordinary filter paper	5boxes				
38	Dropper bottles Plastic-50ml	5				
39	Plastic droppers 8ml	10				
40	Plastic droppers2ml	10				
41	Metal spatula	10				
42	Plastic trough all sizes	2				
43	Glass jar	5				
44	Glass trough(round)	5				
45	Metal tongs	10				



SI No	GLASS WARES	Qty	HSN Code	Rate	GST %	Rate Including GST
46	Kipps apparatus	1				
47	Red/BlueLitmus paper	50 bags				
48	pH-Paper	10				
49	Starch iodide papers	10				
50	MatchBox	10				
51	Test Tube stand	5				
52	Test tube Holders	10				
53	Chromatography papers	10				
54	Amber colour bottle 250ml	5				
55	Label book	5				
56	Naphthalene balls	250g				
57	Vim drop gel	200ml				
58	Soap bars	2				
59	Washing Soap bars	2				
		Total				

#### BIOLOGY LAB REQUIREMENT

SI No	Chemicals	Qty	HSN Code	Rate	GST %	Rate Including GST
1	Microscope	3				
2	Glass slides	1 box				
3	Glass rod-	10				
4	china dish	10				
5	Coverslips	10 boxes				
6	glass plates	10				
<b>Permanent slides</b>						
7	Plant cell, animal cells,bacterial cell, amoeba cell	1each				
8	Paramecium, spirogyra,nervous tissue,RBC,WBC	1 each				
9	Muscle cells, bread mould,Parenchyma,collenchyma	1each				
10	Sclerenchyma, Stomata, crossection of leaf	1each				
<b>POP Models</b>						
11	Skull	1				
12	Rib cage	1				
13	Ball and socket joint	1				
14	Hinge joint	1				
15	Pivotal joint	1				
16	Digestive system	1				
17	Eyes	1				
18	Ears	1				
		Total				

CHARTS						
19	Structure and parts of a plant	1				
20	Types of animals according to food they eat	1				
21	Nutrients present in food items	1				
22	Deficiency diseases-cause and prevention	1				
23	Reproductive parts of a flower	1				
24	Photosynthesis	1				
25	Digestive system	1				
26	Types of teeth	1				
27	Types of pollination	1				
28	Image formation in lens and mirrors	1				
29	Agricultural implements	1				
30	Microorganisms- bacteria, Protista, fungi algae, virus	1				
31	Nitrogen cycle	1				
32	Physical and chemical properties of metals and non metals	1				
33	Water cycle	1				
34	carbon cycle	1				
35	oxygen cycle	1				
36	Male reproductive system	1				
37	Female reproductive system	1				
38	Respiratory system	1				
39	Heart	1				
40	Excretory system	1				
41	Periodic table	1				
42	Irrigation methods	1				
43	Green house effect	1				
44	Plant cell animal cell	1				
		<b>Total</b>				

\*\*Packing and Delivery charges if any

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(Signature of the tenderer and name in Capital letters)  
If Companies or firm, The Managing Director / Partner  
should sign with seal)