

GOVERNMENT OF KERALA
QUOTATION 7/2022-23

Name of work: Setting up of Water Quality Management Programme through Higher Secondary School Children at GHSS Areekode in Malappuram District

SI NO	ITEM DESCRIPTION	QUANTITY	UNITS	RATE IN FIGURES TO BE ENTERED	
				In Figures	In Words
Appendix A - Civil Work					
1	Supplying and Providing Metal Frame desk (1.2 m length, 0.40m width, 0.85 m height) with Stainless Steel sheet top (1.2mm thick) and two storage space with SS Sheet (1.2 mm thick) Vertical Members made 1 inch SS pipe electrical welded, ends closed provided with rubber bush, painted with 2 coats of epoxy paint of approved colour	1	no		
2	Supplying and Providing of Insulated Rubber floor mat of suitable colour of thickness 3-50mm and density 1.6g/cm ³ and hardness 65+/-5 shore according to requirement in the individual school as mentioned in the name of work	1.28	sqm		
3	Supplying and providing chair made with MS seating, MS frame work, MS back rest and MS head rest and dimensions 400mm x 400mm x 450mm seat height as required in the individual school as mentioned in the name of work	1	no		
4	Supplying and Providing of Circular/Rectangular stool with 19mm dia/square Stainless steel Frame and dimension 360mm dia/360mm x 360mm x 450mm height and leg rest at 75mm from ground in the individual school as mentioned in the name of work	1	no		

5	Supplying and providing of metal steel Almirah having dimensions 1005mm x 457mm x 457mm including polishing fittings, carriage etc complete of reputed make (20 gauge front and 22 gauge side and back) in the individual school as mentioned in the name of work.	1	no		
6	Supplying and Providing rectangular steel table with locker of dimensions ;1200mmx800mmx600mm with 25mm thick ISI Prelaminate MDF board/Engineered wood or equivalent table
top with wooden finish having 25mm edge leaping with Engineered wood or PVC material including; carriage, fitting etc complete in the individual school as mentioned in the name of work	1	no		
7	18.65 : Providing and fixing PTMT Soap Dish Holder having length of 138 mm, breadth 102 mm, height of 75 mm with concealed fittings arrangements, weighing not less than 106 gms.	1	no		
8	Supply and Fixing of CP towel rod 450mm long or nearest available length including & amp; cost of materials, labours etc complete	1	each		
9	17.11.1 : Providing and fixing white vitreous china laboratory sink with C.I brackets, C.P. brass chain with rubber plug 40 mm C.P brass waste and 40 mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required:Size 450x300x150 mm	1	no		

10	18.51.1 : Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	1	no		
11	18.53.1 : Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS: 893115 mm nominal bore	1	no		
12	50.18.9.13.2 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 25 mm dia 10 Kg/cm ² - External work - Exposed on wall	10	metre		
13	50.18.9.16.2 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 50 mm dia 6Kg/cm ² - External work - Exposed on wall	5	metre		
14	13.46.1 Finishing walls with acrylic s,smooth exterior paint of required shade:New work (Two or more coat applied @1.67ltr/10 sqm over and including priming coat of exterior primer applied @2.20kg/10sqm)	15	sqm		
15	11.36 : Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer -in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	0.27	sqm		

16	Supplying and providing Haritha Keralam logo using Poly vinyl sticker of size 450mmx450mm with adhesive backing including printing charges and fixing properly at a place directed by the concerned engineer in charge.	1	each		
17	Supply and providing engraved granite sign board 2D, Black colour, Thickness 8-10mm includes engraving 150 letters(approximately), plastering, labour charges etc including fixing properly at a place directed by the concerned engineer in charge	1	sqm		
Appendix B - Electrical Work					
1	1.10.3 : Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Group C	1	Point		
2	1.24.3 : Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required 15/16 amp switch	1	each		
3	90.3.19.3 : Supply conveyance, installation, testing and commissioning the light fittings of following types made from CRCA sheet 0.5mm thickness with all accessories and lamps directly on wall and giving connections with 16/0.20 mm 3 core PVC insulated and sheathed round copper conductor flex wire or extending the original wiring and giving connections as required 1200mm 1*20 W LEDlamp with box type fixture	1	each		
4	1.27.2Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required 3Module (100mmx75mm)	1	each		

5	1.24.1 : Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required 15/16 amp switch	1	each		
6	Supplying, conveyance ,installation, testing, and commissioning of Pedestal fan of good quality having 55 watts, sweep size -450mm and a speed of 1400 rpm -Preferably Crompton or equivalent	1	each		
Appendix C- Equipments					
1	Supplying and providing Ready to use H2S strip bottles for testing the presence of undesirable amount of coliform bacteria in water sample in the individual schools as mentioned in the name of work	900	No		
2	Supplying and providing Sterilized plastic bottle for collecting bacteriological sample-(reagent bottles)100ml graduated,screw capped in the individual schools as mentioned in the name of work	900	No		
3	Supplying and providing Beaker 100ml borosilicate graduated in the individual schools as mentioned in the name of work	5	no		
4	Supplying and Providing Sodium thiosulphate (dechlorinating agent)-white crystals,250gm reagent grade in the individual schools as mentioned in the name of work	1	each		
5	Supplying and providing Multi parameter water quality Analyzer (portable,water proof) for measuring pH,electrical conductivity and total dissolved solids with calibration solutions for the above parameters for testing 1000 samples in the individual schools as mentioned in the name of work	1	each		
6	Supplying and providing Double distilled water 10 litre in the school as mentioned in the work	1	each		

7	Supplying and providing Colour comparator test kits for measuring amount of Ammonia and Nitrate present in test water with test tubes/bottles reagent solutions mixing rod etc in the individual schools as mentioned in the name of work	5	no			
Appendix D - Stationaries						
1	Supplying and providing Toilet paper roll-100gms, 1 Roll (2ply, minimum 125 sheets) less than 80 GSM in the individual schools as mentioned in the name of work	2	roll			
2	Supplying and providing A4 sheet paper bundle, whitw 500 sheets in the individual schools as mentioned in the name of work	1	bundle			
3	Supplying and providing of Report files Plastic, A4 size in the individual schools as mentioned in the name of work	5	no			
4	Supplying and providing of Pen-blue or black ball point pen in the individual schools as mentioned in the name of work	10	each			
5	Supplying and providing Paper clip board-wooden A4 size(330mmx228mmx3mm) in the individual schools as mentioned in the name of work	1	no			
6	Supplying and providing Permanent markers-black/blue ink, fine tip, Marks on metal, OHP sheets, plastic, glass and ceramics. Water resistant in the individual schools as mentioned in the above work	3	no			
7	Supplying and providing premium quality cotton hand towel . &l;br>Super Absorbent, 100% Cotton, Quick Dry, Hydro Organic aHD Technology of required colour 100% COTTON, 400 GSM of size 400mmx600mm&l;br>	1	no			
8	Supplying and providing Soap of Approved Brand in the individual schools as mentioned in the name of work.	1	each			

9	Supplying and providing alcohol based hand sanitiser with alcohol content of 60-80% and capacity of 200ml approved brand.	1	no		
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Chief Executive Officer