

TENDER SCHEDULE

NAME OF THE WORK : CIVIL WORKS OF FOR HVAC FILTER CLEANING AREA WITH WATER TANK FACILITIES NEAR MEDICAL GAS PLANT AT CMC, RANIPET CAMPUS

SI.NO	QUANTITY		DESCRIPTION OF WORK	Rate	UNIT	Amount
1	57.00	M2	Labour Charges for removing the existing paver block without any damage includes the cost of stacking at location with in the campus as directed by the engineer incharge.		1M2	
2	5.00	M3	Labour Charges for removing the M-sand below the paver block includes the cost of stocking at location as directed by the engineer in charge		1M3	
3	27.00	M3	Earthwork excavation in column foundation and pedestral using mechanical means upto 1.5m depth in all kinds of soil including morum, from existing ground level for foundation to required depth, level and grades including dressing of sides,ramming of bottom,and disposing the excavated earth to a lead distance of 50 m and including refilling the sides of the foundation as directed by the engineer in charge		1M3	
4	QRO	M3	Earthwork in open surface excavation for laying paver block ,Drainage upto 30cm depth in ordinary soil incl cost of dressing of sides, ramming of bottom etc complete		1M3	
5	1.00	M3	Labour charges for filling the M-sand in foundation and basement includes watering ramming and consolidation etc complete. M-sand shall be supplied by department at free of cost		1M3	
6	1.00	M3	Supply and filling of M-Sand where ever required includes the cost of all materials and consolidation etc.complete.		1M3	
7	2.20	M3	Providing and Laying Plain Cement concrete 1:4:8 using 40mm size HBG machine broken jelly,M- sand including mixing in mixer machine, laying, consolidation, rough finishing the top surface, curing and shuttering if necessary ,etc.For Footings / Tie Beam		1M3	
8	1.00	M3	Providing and laying plain Cement concrete 1:3:6 using 20mm size HBG machine broken jelly, M-sand including cost of all materials,mixing in mixer machine laying, consolidation, rough finishing the top surface,curing and shuttering if necessary, etc complete above foundation wherever necessary.		1M3	
9	41.00	M2	Supplying , fixing and removing of centering and shuttering using waterproof plywood to correct line and levels fully leaked proof to avoid leakage of cement slurry at all levels including struting etc.complete for all PCC/RCC works.		1M2	
10	500.00	Kgs	Providing concrete reinforcements with ThermoMechanically Treated Bars of various diameters of grade FE500 for reinforced concrete work. The work includes cutting, bending, fabricating and placing in position according to drawings,at Terrace level including supply and use of 18 gauge black annealed binding wire double fold to tie the bars in position and providing precast cement cover blocks for main reinforcements to ensure specified cover according to relevant ISI code.		1Kg	
11	13.00	M3	Providing Reinforced Cement Concrete M20 nominal mix 1:1.50:3.00 using 20mm down graded HBG machine broken jelly free from flakes and M-Sand using waterproofing admixture fosroc approved make including mixing in mixer machine, laying, consolidation using vibrator, cost of all materials, curing etc., complete but excluding cost of steel reinforcement with fabrication and formwork wherever necessary.(pedastal & Tank)		1M3	

SI.NO	QUANTITY		DESCRIPTION OF WORK	Rate	UNIT	Amount
12	50.00	M2	Providing and Constructing 150mm thick wall in cement mortar 1:4 , using Solid Block of size 400x150x200mm at ground levels and locations including racking out the joints, Pointing, Scaffolding, Cost of all materials and curing etc., complete.		1M2	
13	19.00	M2	Water proofing toilet floor and skirting with Roff Hyguard Ex or equivalent approved polymer modified cementitious acrylic membrane 1mm thick per coat including cost of Hyguard , brushes etc. for 2 coats with base and top plastering with CM 1:3, 8mm thick and 12mm thick respectively in two successive layer including curing etc. complete.		1M2	
14	141.00	M2	Providing and plastering to external surfaces of brick walls and concrete surfaces with 20mm sand faced plaster (CM 1:5) including hacking concrete surfaces finishing to obtain sand finish even surface accurate to vertical bob, providing grooves as shown in the drawingd scaffolding, lead and lift etc complete		1M2	
15	QRO	M2	Providing and painting external plastered surface at all levels and locations with external grade emulsion paint new surface of Asian Apex Suprema approved or equivalent , to given an even shade, inclduing thoroughly cleaning and sanding the surface, applying primer coat of same paint mixed with water in 1:1 and two coats external grade emulsion paint incl cost of all materials, brush, scaffolding, providing protective coves and cleaning thoroughly all surrounding areas etc complete		1M2	
16	1,293.00	Kgs	Providing fabricating erection in position of MS Built up steel sections with Structural Roofing of Rafter and Purlin at all levels, locations, leads and lifts for trusses , Cost including necessary scaffolding for erecting Columns, frames brackets, etc., in straight, curved or any other shape or profile using IS flat, angles, hollow section, channels, beam, plates sheet, strips etc.,including bolts making of necessary template, cutting, drilling, welding, grinding, temporary support at all locations including preparing the surface thoroughly,grinding smooth all weld burrs and filling with metal paste wherever required and finishing with two coats of synthetic enamel paint of approved make and color over one coat of anticorrosive zinc chromate primer etc., complete as per sketch and specifiations as mentioned in the General arrangements drawing.		1Kg	
17	254.00	Kgs	Labour charges for erection in position of MS vertical column post of ISMC , cost of including scaffolding charges at height levels,foundation bolts,anchor rod making of necessary template, cutting, drilling, welding, grinding,temporary support at all locations including preparing the surface thoroughly,grinding smooth all weld burrs and filling with metal paste wherever required and finishing with two coats of synthetic enamel paint of approved make and color over one coat of anticorrosive zinc chromate primer etc., complete as per sketch and specifiations as mentioned in the General arrangements drawing. (Structural Steel will be supplied by the department at free of cost.)		1Kg	

SI.NO	QUANTITY		DESCRIPTION OF WORK	Rate	UNIT	Amount
18	124.00	Sqm	Supplying and fixing of Prepainted Galvalume steel profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) (TATA/JINDAL MAKE) 0.50 mm (+0,-0.003mm), total coated thickness upto AZ-150 as per IS:277 in 240 mpa steel grade,5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns.Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer in charge. The sheet shall be fixed using self drilling /self tapping screw of size (5.5 x 55 mm) with EPDM seal, complete upto any pitch in horizontal/vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.(Basic Cost of sheet : 575.00 / Sqm-Excl.GST-18%)		1Sqm	
19	9.60	Rmt	Supplying and fixing gutter using prepainted Galvalume steel plain sheets of TATA / Jindal make 0.6mm thick bend to profile with necessary overlap total coated thickness upto AZ-150 as per IS:277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of sheet and polyester top coat 15-18 microns using self drilling / self tapping screws complete as per drawing and manufacturer specification. For gutter 900mm over all perimeter		1Rmt	
20	33.60	M2	Supplying and fixing G.I Chain link fabric fencing / gate of required width using mesh size of 75mm x 75mm - 9 gauge includes welding the mesh to MS frame section ,nuts ,bolts,and washer as required complete as per the direction of engineer in charge excluding the cost of MS outer frame work which will be measured and paid seperately.		1M2	
21	QRO	M2	Labour Charges for fixing non-skid ceramic tiles ,1st quality 300x300mm size of approved make and colour set in CM 1:3, base with 3mm spacers in both directions including grouting the joints with epoxy grout of matching color, giving proper slope, cleaning and curing etc. complete (Floor Tiles will be supplied by the department at free of cost).		1M2	
22	19.00	M2	Supplying and fixing of non-skid ceramic tiles ,1st quality 300x300mm size of approved make and colour set in CM 1:3, base with 3mm spacers in both directions including grouting the joints with epoxy grout of matching color, giving proper slope, cleaning and curing etc. complete (Basic rate tile-Rs.-360.00-/1M2 Excl.GST-18%)		1M2	
23	10.00	Rmt	Supplying and fixing in position of open pipe line using following dia of 25mm of approved make. Flow guard CPVC pipes code No- SDR - 13.5 - 22.5 Kgs/CM2 with necessary flow guard CPVC specials, brass lined specials at outlet points including cutting cost of cement solvent for jointing, fixing with necessary specials pressure testing the pipe line as per specifications, cost of all materials , chasing the brick walls, finishing the same with chickenmesh and cement plastering with CM1:5 and curing etc.. complete.		1Rmt	
24	10.00	Rmt	Supplying and fixing on wall face unplasticised rigid PVC rain water down take pipe line 110mm dia conforming to IS 13592 type- A of supreme / approved equivalent as per layout details including all necessary PVC specials and jointing solvent / rubber ring seal, wall clamps, screws etc.,complete		1Rmt	
25	10.00	Rmt	Supplying and installation at site 110D 10Kg/sq.cm UPVC pasted piping system below ground level cost including removing the earth and laying the pipe below earth level with consolidation using cement solvent conforming to IS 4985 of supreme/approved equivalent with heavy duty ISI marked PVC fittings,elbow,Ts,bends,Ys etc.for drainage below ground level.		1Rmt	

SI.NO	QUANTITY		DESCRIPTION OF WORK	Rate	UNIT	Amount
26	30.00	M2	Labour charges for laying the existing removed Concrete uni regular polished paver blocks of 80mm thick of laid over 50mm/75mm thick compacted bed of M-Sand ,each Paver block unit to be placed firmly with the neighbouring unit as per the approved pattern compacting and proper embedding/laying of inter locking paver blocks into the M-sand bedding layer through vibratory compaction, filling the joints with M-Sand finishing and sweeping extra sand etc. all complete as per manufacturer specifications & direction of Engineer-in-charge. Paver block and M- sand will be supplied by department at free of cost.		1M2	
27	1.00	No	Supply of PVC Gully Trap and Construction of Brick Masonry Chamber of 300mm x 300mm internal dimensions, including Brick Masonry Chamber in Cement mortar as described above, plastering inside and outside with cement plaster, excavation in all classes of soil, Removing, Refilling and disposing the earth, Providing CI Cover and Frame weighing 8KG or above.		1No	
28	2.00	Lorry / Load	Intercating away the excavated earth / debris by lorry with in campus including loading and unloading charges etc.complete as specified by the engineer in charge Total capacity of a load 5.50 cum		1 Lorry / Load	
Total Amount in Rs. (Excl.GST)						
Add GST at 18%						
Total Amount in Rs.,Incl GST at 18%						