

KERALA CRICKET ASSOCIATION

**NAME OF WORK : CONSTRUCTION OF PAVILION AND ALLIED WORKS AT MANGALAPURAM CRICKET STADIUM,
THIRUVANANTHAPURAM**

TENDER SCHEDULE

Item No	Quantity	Unit	Details of work	Unit	Rate		Amount
					in figures	in words	
1	3550.00	m2	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	/sqm			
2	470.00	m3	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains, including dressing of sides and ramming of bottoms, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m and lift upto 1.5m.	/cum			
3	110.00	m3	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. (First lift above 1.50 m up to 3.00 m)	/cum			
4	47.00	m3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size, Cement consumption should be of 171 kg/cum)	/cum			

5	440.00	m2	Centering and shuttering including strutting, propping etc. and removal of form work for Foundations, footings, bases for columns	/sqm			
6	690.00	m2	Centering and shuttering including strutting, propping etc. and removal of form for all heights - Columns, Pillars, Piers, Abutments, Posts and Struts	/sqm			
7	1450.00	m2	Centering and shuttering including strutting, propping etc. and removal of form for all heights - Lintels, beams, plinth beams, girders, bressumers and cantilevers	/sqm			
8	1150.00	m2	Centering and shuttering including strutting, propping etc. and removal of form for all heights - Suspended floors, roofs, landings, balconies and access platform	/sqm			
9	206.00	m3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size, Cement used should be of 400 kg/cum)	/cum			
10	161.00	m3	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size, Cement used should be of 400 kg/cum)	/cum			

11	145.00	m3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size, Cement used should be of 400 kg/cum)	/cum			
12	60000.00	kg	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto and above plinth level - Thermo-Mechanically Treated bars of grade Fe-500D or more.	/kg			
13	50.00	m3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	/cum			
14	135.00	m3	Providing and laying autoclaved aerated cement blocks masonry with 150mm/ 230mm/300 mm thick AAC blocks in super structure above plinth level up to floor V level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge.	/cum			
15	10.00	m3	Providing and laying autoclaved aerated cement blocks masonry with 100mm thick AAC blocks in super structure above plinth level up to floor V level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge.	/cum			

16	17.00	m3	Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x10cm or nearest : CM 1:6 (1 cement : 6 coarse sand) etc complete (For 10 cm thick wall)	/ cum			
17	25.00	m3	Brick work with country burnt bricks in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) :With Modular bricks (for 23 cm thick wall)	/cum			
18	8.00	m3	Brick work with country burnt bricks in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) :With Modular bricks (for 10 cm thick wall)	/cum			
19	2710.00	m2	15 mm cement plaster on rough side of single or half brick wall of mix: 1:4 (1 cement: 4 coarse sand)	/sqm			
20	2400.00	m2	Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement. 12 mm cement plaster	/sqm			
21	1760.00	m2	Applying one coat of water thinnable Cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer (outside +Inside)	/sqm			
22	3480.00	m2	Wall painting with Acrylic emulsion paint of approved brand and manufacture to give an even shade : Two or more coats on new work (Inside)	/sqm			
23	1050.00	m2	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm (For outside area)	/sqm			

24	22.00	m2	Providing and fixing of Premium Quality Vitrified Wall tiles of Nitco/ Johnson/ Nexion/ Qutone or equivalent brand and having size 900 mm x 900 mm or nearest available size and thickness 8mm or nearest and shade as specified by the Architect, laid neatly over cement mortar 1:6 with joints by putting spacer, filling joints with first quality epoxy and cleaning neatly to perfection, rate including material cost, transportation charges, charges of laying and finishing to the required level/ slope of the floor etc. complete. as per the directions of Architect. (Basic rate of tile should be of Rs.110/sq.ft at show room and rate up to floor 3 level)	/sqm			
25	220.00	m2	Providing and fixing of Premium Quality Vitrified Wall tiles of Nitco/ Johnson/ Nexion/ Qutone or equivalent brand and having size 800 mm x 800 mm or nearest available size and thickness 8mm or nearest and shade as specified by the Architect, laid neatly over cement mortar 1:6 with joints by putting spacer, filling joints with first quality epoxy and cleaning neatly to perfection, rate including material cost, transportation charges, charges of laying and finishing to the required level/ slope of the floor etc. complete. as per the directions of Architect. (Basic rate of tile should be of Rs.100/sq.ft at show room and rate up to floor 3 level)	/sqm			

26	100.00	m2	<p>Providing and fixing of Premium Quality Vitrified Wall tiles of Nitco/ Johnson/ Nexion/ Qutone or equivalent brand and having size 600 mm x 600 mm or nearest available size and thickness 8mm or nearest and shade as specified by the Architect, laid neatly over cement mortar 1:6 with joints by putting spacer, filling joints with first quality epoxy and cleaning neatly to perfection, rate including material cost, transportation charges, charges of laying and finishing to the required level/ slope of the floor etc. complete. as per the directions of Architect. (Basic rate of tile should be of Rs.80/sq.ft at show room and rate up to floor 3 level)</p>	/sqm			
27	60.00	m2	<p>Providing and fixing of Premium Quality Granite slab (Lapato finish - Black shade) of size 1800 mm X 1200 mm and thickness 18mm or nearest of shade as specified by the Architect, laid neatly using cement mortar 1:6 cleaned and pointed paper joints to perfection, rate including material cost, transportation charges, labour charges, charges of laying and finishing to the required level/ slope of the floor etc. complete. Basic Cost of granite : 250/Sqft.</p>	/sqm			

28	337.00	m2	<p>Providing and fixing of Premium Quality Vitrified Floor tiles of Nitco/ Johnson/ Nexion/ Qutone or equivalent brand and having size 1000 mm x 1000 mm or nearest available size and thickness 8mm or nearest and shade as specified by the Architect, laid neatly over cement mortar 1:6 with joints by putting spacer, filling joints with first quality epoxy and cleaning neatly to perfection, rate including material cost, transportation charges, charges of laying and finishing to the required level/ slope of the floor etc. complete. as per the directions of Architect. (Basic rate of tile should be of Rs.120/sq.ft at show room and rate up to floor 3 level)</p>	/sqm			
29	460.00	m2	<p>Providing and fixing of Premium Quality Vitrified Floor tiles of Nitco/ Johnson/ Nexion/ Qutone or equivalent brand and having size 600 mm x 600 mm or nearest available size and thickness 8mm or nearest and shade as specified by the Architect, laid neatly over cement mortar 1:6 with joints by putting spacer, filling joints with first quality epoxy and cleaning neatly to perfection, rate including material cost, transportation charges, charges of laying and finishing to the required level/ slope of the floor etc. complete. as per the directions of Architect. (Basic rate of tile should be of Rs.100/sq.ft at show room and rate up to floor 3 level)</p>	/sqm			

30	231.00	m2	Providing and fixing of Premium Quality Deck tiles of Nitco/ Johnson/ Nexion/ Qutone brand or equivalent and of size 120 mm x 20 mm and thickness 8mm or nearest of shade as specified by the Architect, laid neatly using cement mortar 1:6 cleaned and pointed paper joints to perfection, rate including material cost, transportation charges, charges of laying and finishing to the required level/ slope of the floor etc. complete. as per the directions of Architect. (Basic rate of tile should be of Rs.100/sq.ft at show room and rate up to floor 3 level)	/sqm			
31	100.00	m2	Providing and fixing of Premium Quality Step Tiles of Nitco/ Johnson/ Nexion/ or equivalent and required size and shade as specified by the Architect, rate including material cost, transportation charges, charges of laying and finishing to the required level/ slope of the floor etc. complete. as per the directions of Architect. (Basic rate of tile should be of Rs.120/sq.ft at show room and rate up to floor 3 level)	/sqm			
32	16.00	m2	Providing and fixing of Premium Anti Skid Vitrified Tiles of Nitco/ Johnson/ Nexion/ Qutone brand or equivalent of size 600mm x 600mm and thickness 8mm or nearest of shade as specified by the Architect, rate including material cost, transportation charges, charges of laying and finishing to the required level/ slope of the floor etc. complete. as per the directions of Architect. (Basic rate of tile should be of Rs.100/sq.ft at show room and rate up to floor 3 level)	/sqm			

33	52.00	m	Fabricating and erecting SS handrails 1200mm high with polished stainless steel 304 grade: Top rail of size 50 x 50 mm square section, 50x 50 mm balustrades @1200mm c/c, vertical members 25mm dia sections @ 150 c/c in all floors as detailed in drawing including charges for welding all the joints properly with contour cut of the SS tubes, including fixing of vertical legs in concrete etc.complete as per drawings and directions by the Architect.	/m		
34	90.00	m	Fabricating and erecting GI Handrails with GI Sections, 16 guage, 1200mm high, : Top rail of size 75 x 30 mm, vertical members 50 x 30mm @ 1800mm c/c, 20 x 20mm verticalmembers @ 100mm c/c, Bottom Rail 50x30mm as detailed in drawing including charges for welding all the joints properly with contour cut for the GI tubes, fixing of vertical legs in concrete, applying 2 coats of epoxy primer, 1 coat putty and 2 coats of enamel painting etc.complete as per drawings and directions by the Architect.	/m		
35	197.00	m ²	Providing and fixing Framed Glass Partitions 3400mm high using SS 304 Grade Steel square sections of size 50mm x 50mm and Laminated toughened glass 6/1.52/6 mm (13.52 mm thick) with Patch fittings excluding door openings as specified in the drawings and cost of all hard wares etc. complete as per drawings and directions by the Architect.	/sqm		

36	123.00	m2	Providing and fixing Framed Glass Partitions 2400mm high using Powder Coated Aluminium Euro sections of size 50mm x 25 mm and 8mm Thick toughened and Laminated Glass Panels including door openings as specified in the drawings and cost of all hard wares like floor spring, door handle, locking system etc. complete as per drawings and directions by the Architect.	/sqm			
37	38.00	m2	Providing and fixing Frameless Glass Doors 2400mm high with 12 mm thick toughened glass (6 mm x 2) including cost of all hard wares like floor spring, door handle, locking system etc. of DORMA make or equivalent etc. complete as per drawings and directions by the Architect.	/sqm			
38	11.00	m2	Providing and fixing First Class wooden (anjily or equivalent) doors including cost of all materials, cost of all hard wares like hinges, door handle, locking system, tower bolts of approved make etc. complete as per drawings and directions by the Architect.	/sqm			
39	21.00	m2	Providing and fixing water proof HDF wooden doors using first class hard wood door frames and HDF shutter pannels of makke FERRO or equivalent oncluding cost of all hard wares like hinges, door locks, handle etc. complete as per the drawings and directions of Architect.	/sqm			
40	50.00	m2	Providing and fixing Framed Glass Partitions 3400mm high using SS 304 Grade Steel square sections of size 50mm x 50mm and 12mm Thick toughened and Laminated Glass Panels as specified in the drawings and cost of all hard wares etc. complete as per drawings and directions by the Architect.	/sqm			

41	174.00	m2	Providing and applying of two layer water proofingcourse for toilets and open terrace using approved make (Cera lastic or equivalent quality) including cost of all materials and labour charges etc. complete as per the direction of Architect.	/sqm			
42	120.00	m2	Internal wall partitions with 10 cm thick FRC pannels (of make Birla Aerocon or equivalent)include ing cost of all materilas, labour charges etc. complete as per the directions of Architect.	/ sqm			
43	66.00	m2	Providing and fixing modular partitions with HDF pannels including of make Merino restroom cubicle or equivalent cost of all materials, labour charhes for fixing, cost of all fitting etc. complete as per drawings directions by the Architect.	/ sqm			
44	450.00	m2	Providing and applying anti termite treatment to the plinth using chemical Bayer premise brand or equivalent including cost of all materials and labour charges etc. complete as per the dirctions of Architect.	/ sqm			
45	54.00	m2	Providing and fixing windows and ventilators with UPVC casement type including cost of all materials, labour charhes for fixing, cost of all fitting etc. complete as per the direction of Architect	/ sqm			
46	20.00	m2	Providing and fixing Structural Glazing work using Powdercoated Aluminium Framework 100x50mm Gindal Sections @120c/c bothways and Glass panels using 6mm Reflective Glass of Saint Gobain or Equivalent including cost of all materials, labour charges for fixing, cost of all fitting etc. complete as per drawings directions by the Architect.	/ sqm			

47	33.00	m2	Providing and fixing Frameless Glass Doors 2400mm high with 12 mm thick laminated toughen glass (6 mm x 2) including cost of all hard wares like floor spring, door handle, locking system etc. of DORMA make or equivalent etc. complete as per drawings and directions by the Architect.	m2			
48	72.00	m	Fabricating and erecting handrails with GI Sections, 16 guage, 1200mm high, : Top rail of size 75 x 31 mm, vertical members 75 x 30mm @ 1500mm c/c, 25 x 25mm horizontal members @ 125mm c/c, Bottom Rail 50x30mm in terrace floor as detailed in drawing including charges for welding all the joints properly with contour cut of the SS tubes, including fixing of vertical legs in concrete etc.complete as per drawings and directions by the Architect.	/ m			
49	1233.00	kg	Supplying and providing admixture of approved make to the concrete (BASF MasterGlenium SKY 8233 or equivalent) as and when required as per the direction of Engineer.	/ kg			

Grand Total Rs.

Name and signature of Contractor:

Address of Contractor

Note: 1. The rates quoted should be of excluding GST

2. All statutory deductions such as IT, Cess, K.C.W.W.F etc. will be made from the bill