

Quotation schedule for additional civil works in connection with supply, installation, testing and commissioning of fire fighting system for AICTE approval at Kariavattom campus

Item no.	DSR no.	Item	Unit	Quantity	Rate (without taxes)	Rate in words	Amount
1	15.43.2	Dismantling manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer -in-Charge: Bituminous road	sqm	7.00			
2	15.7.4	Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge. In cement mortar	cum	2.00			
3	4.1.8	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 : 8 graded stone aggregate 40 nominal size)	cum	1.15			
4	5.9.3	Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform	Sqm	2.30			
5	5.9.6	Centering and shuttering including strutting, etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts	sqm	5.00			

6	5.9.5	Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders bressumers and cantilevers	Sqm	2.60			
7	5.22.6	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	kg	120.00			
8	5.3	Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 150 landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases 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).	cum	0.70			
9	50.6.6.3	Hollow block masonry using pre cast solid blocks (Factory made) of size 40x20x10cm or nearest available size confirming to IS 2185 part I of 1979 for Super structure above floor two level upto floor five level for 10cm thick wall in : CM 1:6 (1 cement : 6 coarse sand) including cost of scaffolding etc complete	cum	15.00			
10	50.6.1.8	Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in: CM 1:6 (1 cement : 6 coarse sand etc complete	cum	2.50			

11	od	Supplying, fabricating and providing Sintex/Equivalent make SMC water tank with all accessories as per manufacturers specification and as per direction of engineer in charge	litre	12000.00			
12	18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank :ISI 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support	litre	1000.00			
13	od	Supplying and installation of 1 HP Monoblock pump of make(Kirloskar, Crompton, Texmo) with all accessories such as foot valve etc complete.	each	1.00			

14	21.1.1.2	<p>Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS : 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing /paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge.(Glazing, paneling and dash fasteners to be paid for separately): For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)</p>	kg	35.00			
15	21.1.2.2	<p>For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber/ neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)</p>	kg	35.00			

16	21.3.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer - in -Charge. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 8 mm thickness	sqm	4.00			
17	od	Providing and fixing 3mm thick ACP sheet, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer - in- Charge.	sqm	4.00			
18	9.84	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door widthform 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete	each	3.00			
19	10.3	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts,locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer	sqm	8.00			

20	10.25.1	Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	kg	2100.00			
21	10.1	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	kg	1950.00			
22	10.16.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	kg	3800.00			
23	od	Roofing with GS trafford sheet 0.40mm thick with steel screws including necessary overlaps of 150mm at ends etc.	sqm	24.00			
24	13.1.1	12 mm cement plaster of mix: 1:4 (1 cement : 4 fine sand)	sqm	335.00			
25	13.7.1	12 mm cement plaster finished with a floating coat of neat cement of mix: 1:3 (1 cement : 3 fine sand)	Sqm	21.50			

26	13.21	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers	kg	19.13			
27	13.43.1	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface: Water thinnable cement primer	Sqm	8.00			
28	13.60.1	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:Two or more coats on new work	Sqm	8.00			
29	13.61.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work	Sqm	555.00			
30	13.46.1	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)	sqm	330.00			
31	50.18.7.4.2	Providing and fixing PVC, pipes fittings 32 mm dia 6 Kgf/cm2 - internal work- Exposed on wall	m	82.00			
32	50.18.9.4.1	Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.32 mm dia 10.Kgf/cm2	m	85.00			

33	18.18.3	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete:25 mm nominal bore	each	6.00			
34	18.17.1	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore	each	3.00			
35	18.17.2	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 32 mm nominal bore	each	4.00			
36	od	Core cutting in RCC beams, slabs, side walls etc. for making holes in RCC beam circular in shape having dia. 120 to 150mm using core cutting tool, including removing all debris etc. complete as per direction of Engineer	each	30.00			
37	od	Providing and fixing 100mm dia. GI puddle flange for outlet in SMC water tanks complete	each	8.00			
PAC							1715082
I/We agree to execute the work at quoted rates							

CONTRACTOR

sd/-

UNIVERSITY ENGINEER