

**TENDER NOTICE**

**DATE OF INVITATION: 07.09.2020**

**CLOSING DATE: 15.09.2020**

**FORE SCHOOL OF MANAGEMENT, NEW DELHI**  
**INTERIOR WORK**

FORE School of Management, New Delhi is looking for the Contractor for interior works as per the attached BOQ. In case you are interested, you may send your quote for the said job in a sealed envelope mentioning "**Quotation for Interior Work**" by courier or to be dropped in the box kept with the security gate of FORE School of Management as per the specifications mentioned in the BOQ latest by **1500 Hrs. on Tuesday, September 15, 2020.**

**Note:** For any query/ clarification, please contact Mr. Shailendra Kumar on 011-41242424 Extn. 421 from Monday to Friday between 1100 Hrs. to 1600 Hrs.

**NEW OFFICE, FORE SCHOOL OF MANAGEMENT, B-40, QUTUB INSTITUTIONAL AREA, NEW DELHI**

					07.09.2020	
S.No	Description	Unit	Quantity	Rate	Amount	
	<b>CIVIL WORK</b>					
1	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 stoneaggregate 20 mm nominal size) (Make- Cement - ACC, Altratech BIRLA)	cum	1			
2	Centering and shuttering including strutting, propping etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform	Sqm	40			
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	0.50			
4	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	Sqm	45.00			
5	Cement plaster in coarse sand 12mm thick in mix 1:4 (1 cement:3 coarse sand)	Sqm	100.00			
6	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 RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in- Charge. (The payment of RCC band and reinforcement shall be made for separately). (Make - Magicrete, Nuconblock, Clavecon)	cum	1.00			
7	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately). Second class teak wood	cum	0.60			
8	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. (Make - Green Ply, Century, Plywood) 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	32.00			
9	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	Sqm	32.00			
10	Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in-charge. (Make- Dorma, ozone, doorset)	each	10.00			

S.No	Description	Unit	Quantity	Rate	Amount
11	Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete. 9.165.1 :125 mm (Make- Dorma, ozone, doorset)	each	10.00		
12	Providing and laying Ceramic glazed wall tiles of size 600x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete. (Base Price with out taxes is Rs. 400/- per sqm)	sqm	50.00		
13	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. 600X600 mm	sqm	100		
14	Providing and fixing machine cut, mirror/ eggshell polished , GRANITE stone work for wall lining (vener work) including dado, skirting, risers of steps, Counter tops etc., in required design and pattern wherever required, stones of different finished surface texture, on 12 mm (average) thick cement mortar 1:3 (1 cement : 3 coarse sand) laid and jointed with white cement slurry @ 3.3 kg/sqm including pointing with white cement slurry admixed with pigment of matching shade, including rubbing, curing, polishing etc. all complete as per Architectural drawings, and as directed by the Engineer-in-Charge. (Base Price with out taxes is Rs. 1500/- per sqm)				
	i 18 mm thick Polished granite stone slab jet black, cherry red, elite brown, cat eye or equivalent.	sqm	2		
15	Finishing walls with 100% Premium acrylic emulsion paint havingVOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint ofrequired shade (Company Depot Tinted) with silicon additives. (Acro Paint, Asian Paint, Burger)				
	New & Old work (Two or more coats applied @ 1.43 litre/10 sqm. Over and including priming coat of exteriorprimer applied @ 0.90 litre/10 sqm.	sqm	200		

S.No	Description	Unit	Quantity	Rate	Amount
16	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : (Acro Paint, Asian Paint, Burger)	sqm	200		
17	Providing & applying Brila wall putty making surface smooth	sqm	15.00		
18	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material	cum	1		
19	Providing and fixing 150 mm bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete. (Make- Dorma, ozone, doorset)	each	6		
20	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) :Polyester powder coated aluminium. (minimum thickness of polyester powder coating 50 micron) (JINDAL, HINDALCO, INDAL)				
	Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	kg	350		
21	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : (Make - ST. GOVIBD, MODIGUARD, ASAHI)				
	8 mm thick glass panes	sqm	40		

S.No	Description	Unit	Quantity	Rate	Amount
	<b>FALSE CEILING</b>				
22	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to from grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calicum silicate ceiling tiles of approved texture in the grid, including, cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T', bottom exposed with 24 mm of all Tsections shall be pre-painted with polyster baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge.	sqm	81		
23	Providing and fixing 12.5 mm thick plastic board ceiling with all requirement of accessories and framing including material, cutout for electrical fittings etc. complete in all respect	sqm	220		
	<b>PARTITION</b>				
24	Providing and fixing in place wooden partition with softwood frame work of 50x35 mm size battons by making grid of 600x600 size with 6mm thick teak finish ply duly polished or laminated to match the existing partition shade complete in all respect.	sqm	74		
25	Dismantling of existing wooden partition and recreating the same as shown in drawing complete in all aspect.	sqm	10		
26	Providing and fixing 12mm thick plaster board in partition with M.S. tubular section frame work 50x50 mm size making from 600x600 grid complete in all aspect.	sqm	6		
27	Dismantling of existing glass partition and stacking the same as per the instruction of engineer in charge.	sqm	18		
28	Providing and fixing toughened glass door 12mm thick 900x2100 size complete in all aspect with all fittings, fixture such as Handle, Patch fitting, Floor spring etc.	sqm	8		
	<b>PLUMBING WORK</b>				
29	Providing and fixing flexible P.V.C. waste pipe for sink including PVC waste fittings complete: (Make - Astral, Supreme, Prince) a). 32 mm dia (for wash basin)	Each	2.00		
30	Providing and fixing flexible P.V.C. waste pipe for sink including PVC waste fittings complete (Make - Finolex, Astral, Supreme, Prince) a). 40 mm dia (for urinal)	Each	1.00		
31	Supplying, fitting and fixing 10 litre porcelain low-down cistern of approved make with either side or bottom inlet, side overflow, brackets complete with all internal PVC fittings.(Equivalent to Code No.92123 Hindware or equivalent.) (White))	Each	2.00		
32	Suppling, fitting and fixing Wall mounted water closet of white glazed vitreous chinaware of approved make and brand in position complete with necessary nut and bolts (Equivalent to Code No. 20061 or 92065 & Model Studio or Rubbic of Hindware or equivalent.)	Each	2.00		
33	Providing and fixing Under counter wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps: (Make - Hindware, Kohler, Cera)	Each	2.00		

S.No	Description	Unit	Quantity	Rate	Amount
34	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : (a) Single half stall urinals with 5 litre P.V.C. automatic flushing cistern (Make - Hindware, Kohler, Cera)	Each	1.00		
35	Providing and fixing Robe Hook of "Hindware model Chrome finish (Catalogue No.F880004) or Equivalent including fixing with necessary accessories all complete as per direction of Engineer-in-Charge.	Each	2.00		
36	Providing and fixing angle valve of "Hindware model Angle valve - With Wall Flage Chrome finish (CatalogueNo.F850068 ) or Equivalent including fixing with necessary accessories all complete as per direction of Engineer-in-Charge.	Each	7.00		
37	Providing and fixing uplasticised PVC connection pipe with brass unions : a). 45 cm length ,15 mm nominal bore	Each	5.00		
38	Providing and fixing push type bib cock of "Hindware model Bib Cock Self Closing System Chrome finish (Catalogue No.F310002) or Equivalent including fixing with necessary accessories all complete as per direction of Engineer-in-Charge.	Each	2.00		
	Providing and fixing toilet paper holder : (a) C.P. brass	Each	2.00		
39	Providing, fitting and fixing complete Bottle waste trap (Heavy Quality) (a) Chromium plated Bottle trap 32 mm with 190 mm long connecting pipe and wall flange (Equivalent to Code No. 545 & Model - Tropical /Sumthing Special of ESSCO or similar brand). Bottle trap for Wash Basin	Each	2.00		
40	Supplying, fitting & fixing floor C.P. Waste Floor Jaali 100 mm dia	Each	5.00		
41	Supplying, fitting & fixing liquid soap container (Make- Dolphy, Kitsch, Jaquar)	Each	2.00		
42	Hand Shower ( Health Faucet) with 1 Mtr Flexible tube with wall Hook. ( Equavalent to Code No. 573 & Model- ALLIED of Jaquar similar).	Each	2.00		
43	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall (a) 20 mm nominal outer dia Pipes (Make - Astral, Supreme, Prince)	R.M.	5.00		
44	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall (a) 25 mm nominal outer dia Pipes (Make - Astral, Supreme, Prince)	R.M.	10.00		
45	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall (a)32 mm nominal outer dia Pipes (Make - Astral, Supreme, Prince)	R.M.	8.00		
46	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. (a)15 mm nominal outer dia Pipes (Make - Astral, Supreme, Prince)	R.M.	15.00		
47	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. (a)20 mm nominal outer dia Pipes (Make - Astral, Supreme, Prince)	R.M.	8.00		

S.No	Description	Unit	Quantity	Rate	Amount
48	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. (a) 25 mm nominal outer dia Pipes (Make - Astral, Supreme, Prince)	R.M.	6.00		
49	Providing, fitting & fixing gunmetal wheel valve of approved brand and make tested to 21 kgs per sq. cm. ( for water line only). (a) 32 mm nominal dia (Make - Kirloskar, IVC, SIF)	Each	1.00		
50	Providing fitting and fixing U.P.V.C pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials cutting pipes, cutting holes in walls or R.C floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineer-in-charge. ( Payment will be made on centre line measurement of the total pipeline including specials. (Make - Astral, Finolex, Prince, Supreme)				
	i 75 mm dia	Mts	5.00		
	ii 110 mm dia	Mts	30.00		
51	Providing of UPVC Pipes ( B type) & fitting conforming to IS- 13592-1992, (b) Fitting				
	i Providing & fixing <b>P Trap 100 mm X 100 mm</b>	Each	4.00		
	ii Providing & fixing <b>P Trap 100 mm X 75 mm</b>	Each	1.00		
52	Cutting chases in brick masonry walls for following diameter sand cast iron/ centrifugally cast (spun) iron pipes and making good	Mts	3.00		

S.No	Description	Unit	Quantity	Rate	Amount
	<b>ELECTRICAL WORKS</b>				
	<b>DISTRIBUTION BOARD</b>				
53	Supply, installation, testing & commissioning of following surface/ recess type tripple/single pole and neutral distribution board (Double door type) with incoming MCB, ELCB and outgoing Single Pole miniature circuit breakers complete with bus-bars, neutral link, earth strip, cable alley etc. complete as per specifications and as required.				
	(i) <b>DISTRIBUTION BOARD (8 WAY TPN) FOR RESTAURANT ELECTRICAL SHAFT.</b>				
	<b>INCOMING</b>				
	1 No. 63 Amp, FP MCB of 10 kA breaking capacity.				
	3 Nos. 63 Amp, DP ELCB (Earth Leakage Circuit Breaker) of 30mA sensitivity.				
	<b>BUS-BARS</b>				
	100Amp TPN copper busbars.				
	<b>OUTGOINGS</b>				
	18 Nos. 6 to 32Amp SP MCB (Miniature Circuit Breaker) of 10 kA breaking capacity.	Each	2		
	(ii) <b>DISTRIBUTION BOARD (12 WAY SPN) EMERGENCY LIGHTING LOCATION ELECTRICAL SHAFT</b>				
	<b>INCOMING</b>				
	1 No. 32 Amp, DP MCB of 10 kA breaking capacity.				
	1 No. 32 Amp, DP ELCB (Earth Leakage Circuit Breaker) of 30mA sensitivity.				
	<b>BUS-BARS</b>				
	100Amp TPN copper busbars.				
	<b>OUTGOINGS</b>				
	8 Nos. 6 to 10 Amp SP MCB (Miniature Circuit Breaker) of 10 kA breaking capacity.	Each	2		
	<b>SUBMAIN CABLES:</b>				
54	Providing and Laying the following FRLS PVC insulated copper conductor 1100V grade wire in PVC conduit including the cost for providing and fixing of PVC conduit accessories surface mounted as directed including earthing with PVC insulated green earth wires. Single earth wire for single phase and two earth wires for three phase circuits. Including making proper connections with thimbles / lugs.				
	i 2 nos. 1.5 sq mm PVC insulated copper conductor wires including PVC conduit. Including providing 1 no. 1.5 sq mm PVC insulated green copper earth wire.	R.M.	175		
	ii 2 nos. 2.5 sq mm PVC insulated copper conductor wires including PVC conduit. Including providing 1 no. 2.5 sq mm PVC insulated green copper earth wire.	R.M.	125		
	iii 2 nos. 4 sq mm PVC insulated copper conductor wires including PVC conduit. Including providing 1 no. 4 sq mm PVC insulated green copper earth wire.	R.M.	50		
	iv 2 nos. 6 sq mm PVC insulated copper conductor wires including PVC conduit. Including providing 1 no. 4 sq mm PVC insulated green copper earth wire.	R.M.	50		
	v 4 nos. 10 sq mm PVC insulated copper conductor wires including PVC conduit. Including providing 2 no. 6 sq mm PVC insulated green copper earth wire.	R.M.	15		
	vi 4 nos. 16 sq mm PVC insulated copper conductor wires including PVC conduit. Including providing 2 no. 10 sq mm PVC insulated green copper earth wire.	R.M.	15		



S.No	Description	Unit	Quantity	Rate	Amount
	<b>EARTHING:</b>				
55	Providing & Fixing of following sizes Copper wire with insulation sleev on surface / existing cable tray / underground for earthing as required.				
	i 4 sq.mm Cu. Flexible wire green colour for earthing.	R.M.	25		
	ii 6 sq.mm Cu. Flexible wire green colour for earthing.	R.M.	25		
	iii 16 sq.mm Cu. Flexible wire green colour for earthing.	R.M.	5		
56	Providing & earthing instalation 3mtrs. Long encapsulated pipe system (Pipe in pipr technology) maintenance free safe earthing lectrode Model T-19 G (48mm dia) - 3mtrs outer dia of pipe 48mm & inner dia 25mm and two or more bag back fill chemical compound.	Each	2		
	<b>LIGHT &amp; POWER POINT WIRING:</b>				
57	Supply and wiring of following Light point with 1.5 sq.mm. PVC insulated copper conductor cable (FRLS type) in PVC conduit recessed and/or on surface including chasing of wall, filling of chases with cement mortar 1:3 mix and providing 24 SWG 19mm grid G.I. chicken wire mesh & fixing with nails etc. and/or fixing conduit on surface of wall/ceiling including fixing of saddles etc. including G.I. switch box, modular range of 6 Amp one way single pole plate switch, modular cover plate, ceiling rose, surface or deep tee, circuit wiring, PVC insulated copper earth wire.				
	(i) Primary Point.	Each	20		
	(ii) Secondary Point.	Each	32		
58	Supply & wiring of 6A Outlet Point with 2.5 sq.mm PVC insulated copper conductor cable (FRLS type) in PVC conduit recessed and/or on surface including chasing of wall, filling of chases with cement mortar 1:3 mix and providing 24 SWG 19mm grid G.I. chicken wire mesh & fixing with nails etc. and/or fixing conduit on surface of wall / ceiling including fixing of saddles etc. including 6Amp, single pole modular switch, 3 Pin, 6 Amp modular socket, moduler cover plate, PVC insulated copper earth wire etc. complete as required.				
	(i) Primary Point with 3x2.5 sq.mm CU FRLS wire.	Each	15		
	(ii) Secondary Point same as above but 3x1.5 sq.mm	Each	15		
59	Supply & wiring of 16A/20A outlet point with 4.0 sq.mm PVC insulated copper conductor cable (FRLS type) in PVC conduit recessed and/or on surface including chasing of wall, filling of chases with cement mortar 1:3 mix and providing 24 SWG 19mm grid G.I. chicken wire mesh & fixing with nails etc. and/or fixing conduit on surface of wall / ceiling including fixing of saddles etc. including 16Amp single pole modular switch 6 pin 16/6Amp modular socket, modular cover plate PVC insulated copper earth wire etc. complete as required.				
	(i) Primary Point with 3x4 sq.mm Cu FRLS wire	Each	20		
	(ii) Secondary Point with 3x2.5 sq.mm Cu FRLS wire	Each	10		
	<b>CONDUITING WIRING &amp; CABLES FOR INTERCOM,TELEPHONE, WIFI,DATA &amp; CCTV</b>				
60	Providing and fixing the following PVC conduit chase/surface mounted including all accessories with saddling .	R.M.			
	(i) 20mm dia PVC Conduit	R.M.	125		
	(ii) 25 mm dia PVC Conduit	R.M.	300		
	(iii) 32 mm dia PVC conduit	R.M.	30		
61	Providing & fixing CAT-6 Cable	R.M.	1200		
62	Providing & fixing S.F.T.C of RJ-45 jack with box	Each	20		
63	Providing & fixing S.F.T.C of RJ-11 jack with box	Each	20		

S.No	Description	Unit	Quantity	Rate	Amount
	<b>FIRE ALARM SYSTEM: CONVENTIONAL</b>				
64	Supplying and fixing of 2 Zone, Microprocessor based Modular expandable Conventional type Main Fire Alarm Control Panel with window type annunciation to indicate fire and fault, led lamps for visual indication, audio-alarm unit, push buttons for acknowledge, test, reset, complete with power supply of 24 V DC, 7 AH from 230 V AC and backed up by a maintenance free battery system (SMF battery shall be Hitachi make or equal). Including testing and commissioning of complete fire alarm installation by specialized agency supplying Fire Alarm Panel. Complete as required.	Each	1		
65	Supplying and fixing of the following :				
	(i) Ionization type smoke detector with base. (Smoke detector with flashing LED and field sensitivity variation.	Each	15		
	(ii) Heat detector with base (Rate of rise cum fixed temperature resistible type) .	Each	4		
	(iii) Sounder PA 400 W + STROBE PS 12 / 24LO with MCP.	Each	1		
	(iv) Response indicators (As per approved Sample).	Each	3		
	(v) Wiring to Smoke, Heat and Optical Detectors and MCP'S with 2 x 1.5 sq. mm PVC insulated copper conductor wires including providing as required.	R.M.	15		
	(vi) 2X1.5 sq. mm copper <b>armored Cable</b> .	R.M.	150		
	(vii) Supplying and fixing 1.2 mm thick MS junction / outlet boxes with suitable knockout holes and 3 mm thick Hylam sheet cover.100 X 100 X50 mm deep	Each	20		

