

Wahp
summary
JP GM (E-C)

20.00	Providing and fixing aluminium sliding door bolts, ISI marked anodised anodic coating not less than grade AC 10 as per IS : 1866, transparent or dyed to required colour or shade, with nuts and screws etc. complete : a) 300x16 mm	16.00	Each
21.00	Providing and fixing aluminium sliding door bolts, ISI marked anodised anodic coating not less than grade AC 10 as per IS : 1866, transparent or dyed to required colour or shade, with nuts and screws etc. complete : a) 250x16 mm	6.00	Each
22.00	Providing and fixing bright finished brass door latch with necessary screws etc. complete : 300x18x5 mm	11.00	each
23.00	Providing and fixing aluminium lower bolts, ISI marked, anodised (anodiccoating not less than grade AC 10 as per IS : 1866) transparent or dyed to required colour or shade, with necessary screws etc. complete : a) 250x10 mm	22.00	Each
24.00	Providing and fixing aluminium lower bolts, ISI marked, anodised (anodiccoating not less than grade AC 10 as per IS : 1866) transparent or dyed to required colour or shade, with necessary screws etc. complete : a) 200x10 mm	40.00	Each
25.00	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1866) transparent or dyed to required colour or shade, with necessary screws etc. complete : a) 125 mm	16.00	Each
26.00	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1866) transparent or dyed to required colour or shade, with necessary screws etc. complete : a) 75 mm	6.00	Each
27.00	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.	15.00	Meters
28.00	Providing and fixing to existing door frames. 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire-retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS : 14856, including fixing to frames.	5.00	Sqm
29.00	Providing and fixing Pre-laminated medium density fibre board exterior grade. (Grade-I) IS : 14587-1988 marked, to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately). a) Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick conforming to IS:14587	8.00	Sqm
30.00	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 interlocking 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 form 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 calcium 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 Traction shall be pre-painted with polyester baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge. Note -> Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm. The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, non-combustible as per B.S. 478 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/mk.	208.00	sqm
31.00	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : a) W.C. pan with ISI marked white solid plastic seat and lid	3.00	Each
32.00	Providing and fixing 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 : a) White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps	3.00	each
33.00	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings	3.00	each

200.00	3200.00	300.00	4800.00	250.00	4000.00
200.00	1200.00	250.00	1600.00	250.00	1600.00
600.00	6600.00	300.00	3300.00	300.00	3300.00
100.00	2200.00	250.00	6600.00	80.00	1760.00
80.00	3200.00	200.00	8000.00	75.00	3000.00
190.00	1600.00	125.00	2000.00	80.00	800.00
80.00	480.00	75.00	450.00	40.00	240.00
700.00	10500.00	750.00	11250.00	700.00	10500.00
4000.00	30000.00	3500.00	17500.00	3000.00	15000.00
1000.00	8000.00	1000.00	8000.00	950.00	6900.00
1000.00	208000.00	1750.00	344000.00	1450.00	301500.00
9000.00	15000.00	5550.00	16550.00	5500.00	15500.00
3000.00	9000.00	3500.00	10500.00	3000.00	9000.00
2000.00	6000.00	1500.00	4500.00	1550.00	4650.00

3200.00	M/S M L BROTHER
1200.00	M/S M L BROTHER
3300.00	Devender Singh Kanwar, Lok Shall Enterprises
1760.00	Devender Singh Kanwar
3000.00	Devender Singh Kanwar
800.00	Devender Singh Kanwar
240.00	Devender Singh Kanwar
10500.00	Devender Singh Kanwar, M/S M L BROTHER
16000.00	Devender Singh Kanwar
6900.00	Devender Singh Kanwar
208000.00	M/S M L BROTHER
15000.00	M/S M L BROTHER
9000.00	Devender Singh Kanwar, M/S M L BROTHER
4500.00	Lok Shall Enterprises

Shusham
Trex (E-C)

Shashi
MAR (E-C)

Shashi

34.00	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 380 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets as per manufacturers specification and direction of Engineer-in-charge.	2.00	Each
35.00	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : a) Rectangular shape 453x357 mm	5.00	Each
36.00	Providing and fixing soil, waste and vent pipes : a) 100 mm dia Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS-3089	150.00	Mtr
37.00	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.	6.00	Each
38.00	Providing and fixing plain bend of required degree. a) 100 mm dia	10.00	Each
39.00	Providing and fixing heel rest sanitary bend a) 100 mm dia	4.00	Each
40.00	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work exposed on wall a) 20 mm dia nominal bore	30.00	Meter
41.00	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall : a) 15 mm dia nominal bore	50.00	Meter
42.00	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. - External work.	50.00	Meter
43.00	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. - External work. A) 50 mm dia nominal bore	50.00	mtr.
44.00	Providing joints to spun iron or C.I. pipes and specials with Drip seal including testing of joints etc complete as per satisfaction of Engineer-in-charge. a) 100 mm dia.	50.00	Each
45.00	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : (a) 15 mm nominal bore	2.00	Each
46.00	(b) 20 mm nominal bore	2.00	each
47.00	(c) 50 mm nominal bore	2.00	each
48.00	Providing and fixing C.P. brass bil cock of approved quality conforming to IS-8801 : a) 15 mm nominal bore	3.00	Each
49.00	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS-8831 a) 15 mm nominal bore	6.00	Each
50.00	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design. a) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.00	Each
51.00	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate 2 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, mixed 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 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)	517.00	Kg
52.00	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 5 mm thickness	60.00	sqm
53.00	Providing and laying water proofing treatment in sunken portion of W.Cs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	40.00	Sqm

4800.00	8000.00	9000.00	16000.00	7200.00	14400.00
1000.00	6000.00	1200.00	6000.00	1000.00	6000.00
1000.00	160000.00	1200.00	160000.00	1100.00	160000.00
600.00	3000.00	650.00	3900.00	500.00	3000.00
800.00	8000.00	800.00	8000.00	400.00	4000.00
500.00	2000.00	800.00	2400.00	400.00	1600.00
400.00	12000.00	400.00	12000.00	320.00	9600.00
400.00	20000.00	500.00	26000.00	360.00	17600.00
500.00	28000.00	300.00	16000.00	300.00	16000.00
800.00	40000.00	675.00	33750.00	650.00	32500.00
1100.00	86000.00	425.00	21250.00	400.00	20000.00
200.00	400.00	275.00	860.00	200.00	400.00
300.00	600.00	300.00	600.00	250.00	800.00
500.00	1000.00	725.00	1450.00	600.00	1200.00
600.00	1800.00	450.00	1350.00	400.00	1200.00
600.00	3600.00	525.00	3150.00	600.00	3000.00
8000.00	16000.00	7000.00	14000.00	6000.00	12000.00
400.00	206800.00	650.00	284350.00	450.00	232650.00
1000.00	90000.00	1400.00	126000.00	1200.00	108000.00
600.00	20000.00	700.00	28000.00	450.00	18000.00

5000.00	M/S M L BROTHER
5000.00	Devender Singh Kanwar, M/S M L BROTHER
150000.00	M/S M L BROTHER
3000.00	Devender Singh Kanwar, M/S M L BROTHER
4000.00	Devender Singh Kanwar
1600.00	Devender Singh Kanwar
9600.00	Devender Singh Kanwar
17600.00	Devender Singh Kanwar
16000.00	Devender Singh Kanwar, Lok Shail Enterprises
32500.00	Devender Singh Kanwar
20000.00	Devender Singh Kanwar
400.00	Devender Singh Kanwar, M/S M L BROTHER
500.00	Devender Singh Kanwar
1000.00	M/S M L BROTHER
1200.00	Devender Singh Kanwar
3000.00	Devender Singh Kanwar
12000.00	Devender Singh Kanwar
206800.00	M/S M L BROTHER
90000.00	M/S M L BROTHER
18000.00	Devender Singh Kanwar

Musham
JEE (E-7)

Seenu
MUR (E-7)

Shikha

Ananya
JAGM (E-7)

54.00	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	44.00	Kg
55.00	Providing and fixing precast galvanized steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm 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 using self drilling/ self tapping screws complete : Gutter (800 mm over all girth)	78.00	mtr.
56.00	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 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 for tank.	2000.00	Ltr.
57.00	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent	51.00	sqm
58.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed with steel conduit as required. a) 2 X 1.5 sq. mm	1000.00	Meter
59.00	b) 2X2.5 sq. mm	500.00	Meter
60.00	c) 2X4 sq. mm	550.00	Meter
61.00	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.	40.00	Meter
62.00	Supply of Modular GI boxes along with base & Cover plate of following sizes a) Modular along with modular base & cover plate of GI box for 12 Module	35.00	Each
63.00	b) Modular along with modular base & cover plate of GI box for 8 Module	10.00	Each
64.00	c) modular along with modular base & cover plate of GI box for 3 Module	20.00	Each
65.00	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	50.00	Each
66.00	Supplying following modular switch/ socket and fan regulator a) One way Modular Switch 5/6 Amps	150.00	Each
67.00	b) One way Modular Switch 15/16 Amps	60.00	Each
68.00	c) 3 pin 5/6 Amps socket outlet	110.00	Each
69.00	d) 6 pin 15/16 Amps socket outlet	80.00	Each
70.00	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	10.00	Each
71.00	Supplying and fixing of following ways surface/recess mounting, vertical type, 415 volts, TPN MCB distribution board of steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (but with out MCB's and incomer) as required. (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.) a) 12 Way (4+36), TPN, vertical type, MCB DB, Double Door	1.00	Each
72.00	Supplying and fixing 5 amps rating, 240/415 volts, 10 KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. a) 6-32 Amps. Rating, SP MCB, "C" curve, 10 KA breaking capacity	20.00	Each
73.00	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. a) 100A 4 pole isolator	1.00	Each
74.00	Installation, testing and commissioning of prewired, fluorescent fittings(LED'S) / compact fluorescent fitting of all types, complete with all accessories etc. directly on ceiling/ wall false ceiling, including connections with 1.5 Sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	29.00	Each
75.00	Ceiling Fan 1400 mm	8.00	Each
76.00	a) Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 Sq. mm. FRLS PVC insulated, copor conductor, single core cable etc. as required.	8.00	Each
77.00	Supply of Exhaust Fan 300 mm	3.00	Each
78.00	a) Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required. [Upto 450 mm Dia]	3.00	Each

150.00	6720.00	100.00	4400.00	90.00	3960.00
600.00	46900.00	1110.00	86626.80	1100.00	85800.00
10.00	20000.00	10.00	20000.00	11.00	22000.00
3000.00	153000.00	4000.00	204000.00	3200.00	163200.00
180.00	160000.00	250.00	250000.00	200.00	200000.00
200.00	100000.00	270.00	135000.00	250.00	125000.00
260.00	137900.00	300.00	160000.00	280.00	143000.00
120.00	4900.00	125.00	6000.00	40.00	1600.00
500.00	17500.00	300.00	10500.00	450.00	15750.00
500.00	5000.00	300.00	3000.00	400.00	4000.00
500.00	10000.00	250.00	9000.00	275.00	5500.00
100.00	8000.00	150.00	7500.00	70.00	3500.00
300.00	45000.00	80.00	7500.00	90.00	12000.00
150.00	9000.00	75.00	4500.00	150.00	9000.00
200.00	22000.00	25.00	2750.00	120.00	13200.00
100.00	8000.00	60.00	3500.00	170.00	10200.00
500.00	5000.00	350.00	3500.00	350.00	3500.00
10000.00	10000.00	7250.00	7250.00	10000.00	10000.00
300.00	8000.00	125.00	2500.00	200.00	4000.00
4500.00	4500.00	725.00	725.00	1200.00	1200.00
500.00	14500.00	200.00	9500.00	170.00	4930.00
3000.00	24000.00	3500.00	28000.00	1900.00	15200.00
200.00	1600.00	200.00	1600.00	180.00	1440.00
3500.00	10500.00	5000.00	15000.00	2000.00	8000.00
200.00	500.00	400.00	1200.00	380.00	1140.00

3960.00	Devender Singh Kanwar
46900.00	M/S M L BROTHER
20000.00	M/S M L BROTHER, Lok Shall Enterprises
153000.00	M/S M L BROTHER
150000.00	M/S M L BROTHER
100000.00	M/S M L BROTHER
137900.00	M/S M L BROTHER
1600.00	Devender Singh Kanwar
10500.00	Lok Shall Enterprises
3000.00	Lok Shall Enterprises
5000.00	Lok Shall Enterprises
3500.00	Devender Singh Kanwar
7500.00	Lok Shall Enterprises
4500.00	Lok Shall Enterprises
2750.00	Lok Shall Enterprises
3500.00	Lok Shall Enterprises
3500.00	Devender Singh Kanwar, Lok Shall Enterprises
7250.00	Lok Shall Enterprises
2500.00	Lok Shall Enterprises
725.00	Lok Shall Enterprises
4930.00	Devender Singh Kanwar
15200.00	Devender Singh Kanwar
1440.00	Devender Singh Kanwar
5000.00	Devender Singh Kanwar
500.00	M/S M L BROTHER

Total in Figures

4309180.00

5477311.80

4885390.00

Lowest Amount Quoted BY: M/S M L BROTHER(4309180.00)

Shubham
Jr (CC)

Shashi
MHA(E-C)

Shashi

Shashi
Jr (CC)

BOQ Summary Details

Tender Title: Construction of office and rest room at first floor of existing office block at Shimla Airport

Tender ID: 2022_AAI_119940_1

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	M/S M L BROTHER	4309180.00	L1
	2	Devender Singh Kanwar	4685390.00	L2
	3	Lok Shail Enterprises	5477311.80	L3

Shubham
TIA (E-C)

Suresh
MAR (E-C)

Shafiq

Praveen
JTGME-C