

**ISLAMIC UNIVERSITY  
OF SCIENCE AND TECHNOLOGY**



**CONSTRUCTION OF BOY'S HOSTEL BLOCK  
Adjacent to J&K Bank near Police Station Awantipora**

S.NO	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
<b>1</b>	<b>Earth Work/Soling</b>				
1.01	Earth work in excavation by mechanical means (Hydraulic excavator ) over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sum on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.All kinds of soils(Partly Rocky) .	7680.00	Cum	148.25	1138560.00
1.02	Extra for every additional lift of 1.5 Mtr. or part thereof in all kind of soils	3840.00	Cum	42.40	162816.00
1.03	Filling available excavated earth in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	4765.00	Cum	102.20	486983.00
1.04	Supplying and filling in plinth with stone dust under floors including, watering, ramming consolidating and dressing complete.	250.00	Cum	817.32	204330.00
1.05	Providing and Laying Stone Soling including cost of stones and preparation of surface using quarry stones/ Complete item including material and labours.	645.00	cum	700.00	451500.00
<b>2</b>	<b>Concrete Work</b>				
2.01	Providing and laying of Cement concrete flooring in 1:2:4 (1 cement : 2 coarse sand : 4 crushed stone aggregate 20mm nominal size) of 50mm thickness.	3800.00	Sqm	370.20	1406760.00
2.02	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering All work upto plinth level ( Crushed). 1:3:6 grade (1 cement :3 coarse sand : 6 graded stone aggregate 20mm nominal size)	150.00	Cum	3707.40	556110.00
2.03	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering All work upto plinth level ( Crushed) . 1:4:8 grade (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size)	337.00	Cum	3112.80	1049014.00
2.04	Making Plinth Protection 50mm thick of cement conc.1:3:6(1 cement: 3 course sand: 6 graded stone aggregate of 20mm nominal size) over 75mm bed of dry brick blast 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth with 12mm thick plaster.	305.00	Sqm	328.38	100156.00
<b>3</b>	<b>Reinforced Cement Concrete</b>				
3.01	Design MIX Concrete Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, but excluding the cost of centering, shuttering, finishing and reinforcement, as per direction of Engineer-in-charge and Design mix. All works at all levels	3634.00	Cum	6700.00	24347800.00
3.02	Reinforcement for RCC work including straighening, cutting,bending, placing in position and binding all complete Thermo- Mechanically Treated bars. Fe -500 .	611970.00	kg	75.00	45897750.00
<b>4</b>	<b>Centering and shuttering including strutting, propping etc. and removal of form work for :-</b>				
4.01	Foundations, footings,Toe walls,periphery wall , bases of columns etc. for mass concrete	1514.00	Sqm	179.25	271385.00
4.02	Suspended floors, roofs, landings, balconies, Stairs and access Platform	2994.00	Sqm	372.40	1114966.00
4.03	Form work to lintels, slab beams, plinth beams, girders, bressumers and cantilevers	4413.00	Sqm	305.70	1349054.00
4.04	Columns, Pillars, piers, abutments, posts and struts	2527.00	Sqm	417.05	1053885.00
<b>5</b>	<b>Brick work -</b>				
5.01	Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 75 in foundation and plinth in :- cement mortar 1:6 (1 cement : 6 coarse sand)	1204.00	Cum	6000.00	7224000.00
5.02	Extra for brick work in super structure above plinth level upto floor V level (By manual means) in cement mortar 1:6 (1 cement : 6 coarse sand).	1134.00	Cum	706.50	801171.00
5.03	Half brick masonry with bricks of class designation 75 in foundations and plinth in cement mortar 1:4 (1 cement : 4 coarse sand).	573.00	Sqm	606.75	347668.00
5.04	Extra for half Brick masonry in superstructure above plinth level upto floor V-level.	573.00	Sqm	77.22	44247.00
5.05	Extra for providing and placing in position 2 Nos. 6mm dia M.S. bars at every third course of half brick masonry.	573.00	Sqm	71.25	40826.00
<b>6</b>	<b>Granite work /stone work</b>				
6.01	Providing and fixing gang saw cut 18 mm Grey granite mirror polished, premoulded and prepolished machine cut for counters, stair cases,steps, skirting, columns and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement , mixed with matching pigment, epoxy touch ups etc complete at all levels As per the specification/selection by Architect.	70.00	Sqm	3859.90	270193.00
6.02	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	25.00	Each	450.00	11250.00
<b>7</b>	<b>Roofing /Steel Work</b>				
7.01	Structural steel work welded in built up sections, trusses, eves board, soffit and framed work and MS Black Sheets , including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	77558.00	Kg	80.60	6251175.00

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7.02	Providing and fixing precoated track deck profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+0.05 %) total coated thickness with 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. 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 screws of size (5.5x 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. <b>(Including ridges, hips &amp; valley).</b>	1978.00	Sqm	618.25	<b>1222899.00</b>
7.03	Providing and fixing stainless steel ( Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)	1120.00	Kgs	573.50	<b>642320.00</b>
<b>8</b>	<b>FINISHING</b>				
8.01	12mm cement plaster of mix 1:6 (1 cement: 6 fine sand)	11457.00	Sqm	141.05	<b>1616010.00</b>
8.02	6mm cement plaster of mix 1: 3 upto any level (1 cement : 3 fine sand).	9934.00	Sqm	130.25	<b>1293904.00</b>
8.03	Extra for plastering exterior walls of height more than 10 m from ground level for every additional height of 3 mtr or part thereof.	700.00	Sqm	36.90	<b>25830.00</b>
8.04	Providing and applying wall putty over plastered surface to prepare the surface even and smooth complete.	17794.00	Sqm	121.50	<b>2161971.00</b>
8.05	Applying oncoat of water thinnable cement primer of approved brand and manufacture on wall surface.	17794.00	Sqm	32.85	<b>584533.00</b>
8.06	Distemping with 1st quality acrylic washable distemper (ready mixed) of approved manufacturer and of required shade and colour complete. as per manufacturer's specification. Two or more coats on new work.	17794.00	Sqm	67.50	<b>1201095.00</b>
8.07	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work : for Eaves, Soffit, frames of Flush Doors , Windows and wherever required .	2674.00	Sqm	103.35	<b>276358.00</b>
8.08	Finishing walls with Water proofing cement paint of required shade new work (two or more coats) applied @ 3.84 kg/10 sqm	2270.00	Sqm	56.90	<b>129163.00</b>
8.09	Applying priming coat With ready mixed white primer of approved brand and manufacture on wood work .	2274.00	Sqm	53.95	<b>122682.00</b>
<b>9</b>	<b>FLOORING</b>				
9.01	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 13753 of minimum thickness 5mm of approved make like SOMANY make in all colours, shades as approved by Engineer in charge in walls, skirting, risers of steps and dados over 12mm thick bed of cement mortar 1:3 ( 1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 Kgs per/ sqm incl. pointing in white cement mixed with pigment of matching shade complete. Size : 300 mmx 450mm . As per the specification/selection by Engineer in Charge.	1327.00	Sqm	834.20	<b>1106983.00</b>
9.02	Providing and fixing 1st quality ceramic glazed floor tiles matt finish conforming to IS: 15622 of minimum thickness 5mm of approved make like SOMANY make in colour such as white, Ivory, Grey, Fume Red, Brown laid on 20mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc. complete (Floor of Toilets) Size : 300 mmx 300 mm . As per the specification/selection by Engineer in Charge.	288.00	Sqm	849.25	<b>244584.00</b>
9.03	Chequered high density coloured, FACTORY MADE, polymer moulded, pre cast white cement concrete with crushed stone aggregate 8-10mm . M40 grade , antiskid tiles 24 mm thick, using white cement pigmented / coloured , homogeneous mix. available in interlocking and 305 mm X 305 mm specification (brand OTec) in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand). Ordinary cement without any pigment. including carriage upto site completes. Sample to be selected by the Engineer incharge.	90.00	Sqm	638.35	<b>57452.00</b>



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9.04	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (Precast C.C. kerb stone shall be approved by Engineer-in-charge).(including Carriage upto site complete)	100.00	Rmtr	262.00	26200.00
9.05	Kota stone slab flooring 25 mm thick (size of kota stone 600 x600 mm) over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :- As per the specification/selection by Engineer in Charge.	1548.00	Sqm	1530.20	2368750.00
9.06	Kota stone slab 25mm thick in riser of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 ; cement : 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete	188.00	Sqm	1668.70	313716.00
10	<b>Wood work/Pvc Work</b>				
10.01	Providing wood work in frames of doors, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or dash fasteners shall be paid seperately) including painting with black japan on unexposed surface.(First Class Kail wood).	36.00	Cum	76110.25	2739969.00
10.02	Providing 40x5 mm flat Iron hold fasts 40 cum long including fixing to frame with 10 mm dia bolts, nuts and wooden plugs and embedding in cement concrete blocks 30x10x15 cm 1:3:6 mix.	1918.00	each	113.80	218268.00



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10.03	Providing and fixing panelled and glazed shutters for doors including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, including the cost of panelling and glazing, all complete as per direction of Engineer-in-charge. First class Deodar wood.	11.00	Sqm	3263.00	35893.00
10.04	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 Laminates 1mm on both faces of shutters :- 35mm thick including ISI marked M.S pressed bright finished butt hinges with necessary screws. Flush Door Make : Sonear , Archidply , Greenply or equivalent . As per the specification/selection by Architect.	282.00	Sqm	2122.45	598531.00
10.05	Providing and fixing glazed shutters for doors, windows and clerestory windows using 10 kg / sqm (4 mm thick) glass panes including black enamelled ISI marked MS butt hinges with necessary screws. <b>First Class Kail wood.</b> (35 mm thick) with saint gobain green reflectasol shade or equivalent make.	333.30	Sqm	2740.40	913375.00
10.06	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws :First Class Kail wood (35 mm thick)	320.00	Sqm	2560.80	819456.00
10.07	Providing & fixing glass panes with wooden moulded beading in fixed portion of doors, window, ventilator frames all complete with 5.0 mm thick glass panes of make saint gobain green reflectasol shade or equivalent make.	345.00	sqm	1162.65	401114.00
10.08	Providing and fixing wooden moulded beading to door and window frames for fixing glass panes with iron screws, plugs and priming coat on unexposed surface etc. complete 2nd class kailwood 32 x 12 mm .	1643.00	mtr	109.20	179416.00
10.09	Providing and fixing Stainless Steel casement stays, ISI marked, with necessary screws etc. complete.	540.00	each	90.00	48600.00
10.1	Providing and fixing ISI: 12817 marked Stainless Steel tower bolts with necessary screws etc complete: 200x10 mm	252.00	each	156.20	39362.00
10.11	Providing and fixing ISI 12817 marked Stainless Steel tower bolts with necessary screws etc complete: 100x10 mm	2160.00	each	95.20	205632.00
10.12	Providing and fixing ISI 12817 marked Stainless Steel handles anodised , with necessary screws etc. complete : 125 mm	264.00	each	129.10	34082.00
10.13	Providing and fixing ISI 12817 marked Stainless Steel handles ,with necessary screws etc. complete : 75 mm	1080.00	each	103.10	111348.00
10.14	Providing and fixing aluminium hanging floor Door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.(Single rubber stopper).	132.00	each	35.20	4646.00
10.15	Providing and fixing ISI 12817 marked stainless steel Aldrop's for door shutters with necessary screws complete job.	132.00	each	300.00	39600.00
10.16	Providing and fixing PVC Door Frame of size 50x47 mm with a wall thickness of 5 mm ( $\pm 0.2$ mm), made out of single piece extruded PVC profile, with mitred cut joints and joint with 2 nos of PVC bracket of size 190 mm x 100 mm long arms of cross section size 35 x 15 mm & self driven self tapping screws, the vertical door profiles to be reinforced with 40x20 mm M.S. rectangular tube of 0.8 mm , including providing EPDM rubber gasket weather seal throughout the frame, including jointing 5 mm PVC frame strip with PVC solvent cement on the back of the profile. The door frame to be fixed to the wall using 8 x100 mm long anchor fasteners complete, all as per manufacturer's specification and direction of Engineer -in- charge.	571.00	Rmtr	218.35	124678.00



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S.NO	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
10.17	Providing and fixing 35 mm thick factory made Solid panel PVC Door shutter, made out of single piece extruded solid PVC profiles, 5 mm (± 0.2 mm) thick, having styles & rails (except lock rail) of size 95 mm x 35 mm x 5 mm, out of which 75 mm shall be flat and 20 mm shall be tapered (on both side), having one side thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power, including reinforcing with MS tube of size 40 mm X 20 mm x 1 mm, joints of styles & rails to be mitered cut & joint with the help of PVC solvent cement, self driven self tapping screws & M.S. rectangular pipes bracket of size 190 mm X 100 mm of cross section size 35 mm x 17 mm x 1 mm at each corner. Single piece extruded 5 mm thick solid PVC Lock rail of size 115 mm x 35 mm, out of which 75 mm to be flat and 20 mm to be tapered at both ends, having 15 mm solid core in middle of rail section integrally extruded, fixing the styles & rails with the help of solvent and self driven self tapping screws of 125 mm x 11 mm, including providing 5 mm Single piece solid PVC extruded sheet inserted in the door as panel, all complete as per manufacturer's specification and direction of Engineer-in-charge. Decorative finish (wood grained finish). (For W.C. and bathroom door shutter).	212.00	Sqm	2717.60	576131.00
10.18	Providing and fixing M.S. grills of required pattern in frames of windows with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc (For Ground Floor Only )	4213.00	kgs	119.65	504085.00
<b>Sanitary installations/ Water supply/Drainage</b>					
11.01	Providing and fixing water closet squatting pan(Indian type W.C. pan) with 100mm uPVC P or S trap, 10 litre low level white P.V.C. flushing cistern with manually controlled device conforming to IS:7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. & carriage upto site complete.White Vitreous china Orissa pattern White Vitreous china W.C. pan of size 580x440mm with integral type foot rests.	24.00	each	4019.50	96468.00
11.02	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 :-W.C. pan with ISI marked white solid plastic seat and lid	24.00	each	3456.10	82946.00
11.03	Providing and fixing white glazed vitreous china wash basin (Flat back counter mounted/ oval or flat back) 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: 550x400mm.	36.00	each	1712.35	61645.00
11.04	Providing and fixing of Half threaded waste coupling. For washbasin and sink.	36.00	each	400.00	14400.00
11.06	Providing and fixing C.P. brass basin mixer of approved quality conforming to IS:8931.15 mm nominal bore.	36.00	each	2215.00	79740.00
11.07	Providing and fixing 15mm dia branded pvc connection pipe.	72.00	each	250.00	18000.00
11.08	Extra for providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	4.00	no	1076.90	4308.00
11.09	Providing and fixing Semi rigid P.V.C. waste pipe of required dia for wash basin and sink including P.V.C. waste fittings complete.	36.00	each	72.65	2615.00
11.10	Providing and fixing uPVC soil, waste, rain and vent pipes (IS: 13592) class-B clamps and jointing with solvent cement joints including chase cutting and making good the wall etc. wherever required for:- 75 mm outer Dia.	220.00	mtr.	259.89	57176.00
11.11	Providing and fixing uPVC soil, waste, rain and vent pipes (IS: 13592) class-B clamps and jointing with solvent cement joints including chase cutting and making good the wall etc. wherever required for:-110mm outer Dia.	250.00	mtr.	404.28	101070.00
11.12	Providing and fixing uPVC soil, waste, rain and vent pipes (IS: 13592) class-B clamps and jointing with solvent cement joints including chase cutting and making good the wall etc. wherever required for:-160 mm outer Dia	150.00	mtr.	750.00	112500.00
11.13	Providing and fixing approved uPVC COLLAR (TYPE B) including rubber insertions,solvent complete as per the architecture drawings and the directions of engineer- in- charge. 110mm outer Dia.	20.00	Each	165.00	3300.00
11.14	Providing and fixing approved uPVC COLLAR (TYPE B) including rubber insertions,solvent complete as per the architecture drawings and the directions of engineer- in- charge. 75 mm outer dia .	10.00	Each	130.00	1300.00
11.15	Providing and fixing approved uPVC Plain Bend (TYPE B) including rubber insertions,solvent complete as per the architecture drawings and the directions of engineer- in- charge.110mm outer Dia.	25.00	Each	190.00	4750.00
11.16	Providing and fixing approved uPVC Plain Bend (TYPE B) including rubber insertions,solvent complete as per the architecture drawings and the directions of engineer- in- charge. 75 mm outer dia .	15.00	Each	137.00	2055.00
11.17	Providing and fixing approved uPVC Door bend (TYPE B) including rubber insertions,solvent complete as per the architecture drawings and the directions of engineer- in- charge. 110mm outer Dia.	25.00	Each	230.00	5750.00
11.18	Providing and fixing approved uPVC Door bend (TYPE B) including rubber insertions,solvent complete as per the architecture drawings and the directions of engineer- in- charge. 75 mm outer dia.	15.00	Each	160.00	2400.00



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11.19	Providing and fixing approved uPVC Plain TEE (TYPE B) including rubber insertions,solvent complete as per the architecture drawings and the directions of engineer- in- charge. 110mm outer Dia.	15.00	Each	275.00	4125.00
11.20	Providing and fixing approved uPVC Plain TEE (TYPE B) including rubber insertions,solvent complete as per the architecture drawings and the directions of engineer- in- charge. 75 mm outer dia.	10.00	Each	190.00	1900.00
11.21	Providing and fixing approved uPVC Door Tee (TYPE B) including rubber insertions,solvent complete as per the architecture drawings and the directions of engineer- in- charge. 110mm outer Dia.	20.00	Each	316.00	6320.00
11.22	Providing and fixing approved uPVC Door Tee (TYPE B) including rubber insertions,solvent complete as per the architecture drawings and the directions of engineer- in- charge. 75 mm outer dia.	10.00	Each	200.00	2000.00
11.23	Providing and fixing approved uPVC Floor Trap(TYPE B) including rubber insertions,solvent complete as per the architecture drawings and the directions of engineer- in- charge. 100 mm inlet and 100 mm outlet	8.00	Each	190.00	1520.00
11.24	Providing and fixing approved uPVC Floor Trap(TYPE B) including rubber insertions,solvent complete as per the architecture drawings and the directions of engineer- in- charge. 100 mm inlet and 75 mm outlet	60.00	Each	170.00	10200.00
11.25	Providing and fixing approved uPVC Reducer (TYPE B) including rubber insertions,solvent complete as per the architecture drawings and the directions of engineer- in- charge. 110 x 75 mm..	15.00	Each	165.00	2475.00
11.26	Providing and fixing 3 layer PP-R(Poly propylene Random copolymer) pipes SDR 7.4 UV stabilized & anti-microbial fusion welded, having thermal stability for hot & cold water supply including all PP-R plain and brass threaded polypropylene random fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes testing of joints complete as per direction of Engineer-in-charge.(Make:PRINCE).Internal Work-Exposed on Wall and duct. PN-16 Pipe, 20mm OD	50.00	Mtr	260.30	13015.00
11.27	Providing and fixing 3 layer PP-R(Poly propylene Random copolymer) pipes SDR 7.4 UV stabilized & anti-microbial fusion welded, having thermal stability for hot & cold water supply including all PP-R plain and brass threaded polypropylene random fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes testing of joints complete as per direction of Engineer-in-charge.(Make:PRINCE).Internal Work-Exposed on Wall and duct. PN-16 Pipe, 25mm OD	60.00	Mtr	312.80	18768.00
11.28	Providing and fixing 3 layer PP-R(Poly propylene Random copolymer) pipes SDR 7.4 UV stabilized & anti-microbial fusion welded, having thermal stability for hot & cold water supply including all PP-R plain and brass threaded polypropylene random fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes testing of joints complete as per direction of Engineer-in-charge.(Make:PRINCE).Internal Work-Exposed on Wall and duct. PN-16 Pipe, 32mm OD	250.00	Mtr	405.75	101438.00
11.29	Providing and fixing 3 layer PP-R(Poly propylene Random copolymer) pipes SDR 7.4 UV stabilized & anti-microbial fusion welded, having thermal stability for hot & cold water supply including all PP-R plain and brass threaded polypropylene random fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes testing of joints complete as per direction of Engineer-in-charge.(Make:PRINCE).Internal Work-Exposed on Wall and duct. PN-16 Pipe, 40mm OD	300.00	Mtr	600.40	180120.00
11.30	Providing and fixing 3 layer PP-R(Poly propylene Random copolymer) pipes SDR 7.4 UV stabilized & anti-microbial fusion welded, having thermal stability for hot & cold water supply including all PP-R plain and brass threaded polypropylene random fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-charge.(Make:PRINCE) & caraige upto site complete.Concealed work including cutting and making good the walls etc. PN-16 Pipe, 20mm OD	250.00	Mtr	395.65	98913.00
11.31	Providing and fixing 3 layer PP-R(Poly propylene Random copolymer) pipes SDR 7.4 UV stabilized & anti-microbial fusion welded, having thermal stability for hot & cold water supply including all PP-R plain and brass threaded polypropylene random fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-charge.(Make:PRINCE) & caraige upto site complete.Concealed work including cutting and making good the walls etc. PN-16 Pipe, 25mm OD	200.00	Mtr	456.65	91330.00
11.32	Providing and fixing 3 layer PP-R(Poly propylene Random copolymer) pipes SDR 7.4 UV stabilized & anti-microbial fusion welded, having thermal stability for hot & cold water supply including all PP-R plain and brass threaded polypropylene random fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-charge.(Make:PRINCE) & caraige upto site complete.Concealed work including cutting and making good the walls etc. PN-16 Pipe, 32mm OD	50.00	Mtr	566.65	28333.00
11.33	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :Kitchen sink with drain board.510x1040 mm bowl depth 250 mm	4.00	Each	7259.75	29039.00
11.34	Providing & fixing Sink Mixer with Swinging Casted Spout (Wall Mounted) with 450mm long copper pipes & brass nuts.	4.00	Each	4000.00	16000.00
11.35	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 . 15mm nominal bore.	60.00	Each	406.50	24390.00
11.36	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15mm nominal bore.	130.00	Each	391.40	50882.00
11.37	Providing and fixing CP brass angle valve for sink mixer, cistern of w.c and geyser points of approved quality conforming to IS:8931 & caraige upto site complete. 15mm nominal bore.	60.00	Each	394.90	23694.00
11.38	Providing and fixing 100% stainless steel grating of approved quality and colour. & caraige upto site complete. Circular type :-100 mm nominal dia	70.00	Each	51.85	3630.00



**CONSTRUCTION OF BOY'S HOSTEL BLOCK  
Adjacent to J&K Bank near Police Station Awantipora**

S.NO	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
11.39	Providing and fixing 100% stainless steel grating of approved quality and colour. & carriage upto site complete. Circular type :-125 mm nominal dia with 25mm waste hole .	4.00	Each	50.60	202.00
11.40	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 for tank.	25000.00	ltr	6.70	167500.00
11.41	Providing and fixing G.I / PPR extension nipple for water tank pipe, fittings of approved quality and colour. 40mm OD.	20.00	Each	160.00	3200.00
11.42	Providing and fixing G.I / PPR extension nipple for water tank pipe, fittings of approved quality and colour. 32mm OD . (.).	22.00	Each	130.00	2860.00
11.43	Providing and fixing PPR Union in PPR pipe including cutting and threading the pipe and making long screws etc. complete (New work) 25mm.	22.00	Each	180.00	3960.00
11.44	Providing and fixing PPR Union in PPR pipe including cutting and threading the pipe and making long screws etc. complete (New work) 32mm.	18.00	Each	220.00	3960.00
11.45	Providing and fixing PPR Union in PPR pipe including cutting and threading the pipe and making long screws etc. complete (New work) 40mm	15.00	Each	250.00	3750.00
11.46	Providing and fixing ball valve of approved quality, High or low pressure, with plastic floats complete 20mm.	15.00	Each	300.00	4500.00
11.47	Providing and fixing ball valve of approved quality, High or low pressure, with plastic floats complete 25mm.	20.00	Each	320.00	6400.00
11.48	Providing and fixing ball valve of approved quality, High or low pressure, with plastic floats complete 32mm.	15.00	Each	380.00	5700.00
11.49	Providing and fixing Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P. / H.P.H.D. plastic ball. 25mm nominal bore, 152 mm long, weighing not less than 440 gms.	2.00	Each	630.00	1260.00
11.50	Excavating trenches of required width for pipes, cables etc. including excavation for sockets and dressing of sides, ramming of bottoms , depth upto 1.5 m including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed within a lead of 50mtr. & carriage upto site complete. All kinds of soil,. Pipes, cables etc. exceeding 80mm dia but not exceeding 300 mm dia.	160.00	mtr	194.65	31144.00
11.51	Constructing brick masonry manhole with bricks in cement mortar 1:4 (1 cement : 4 coarse sand), foundation concrete 1 : 4 : 8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick cement mortar 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :- Inside size 90 x 80 and 60 cm deep including Plastic Manhole Cover with (Heavy duty) 610x610 mm With F.P.S. bricks with class designation 75 .	15.00	Each	8922.40	133836.00
11.52	Extra for depth for manholes, & carriage upto site complete. Size 90 X 80 cm With F.P.S. bricks Class designation 75	5.00	mtr	5702.30	28512.00
11.53	Making soak pit 2.5 m diameter 3.0 metre deep with 45x 45 Dry RRM honey comb shaft and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. & carriage upto site complete. With Dry Random Rubble Masonary using quarry stones.	8.00	Each	15702.00	125616.00
12	<b>STEEL WARDROBES</b>				
12.01	Providing and placing Steel Wardrobes in position of size (0.9 x 0.6 x 1.75) m of approved make with ISI mark like Gogrej make in all colours, shades as approved by Engineer in charge	80.00	Each	5000.00	400000.00
12.02	Providing and placing Steel Wardrobes in position of size (1.25 x 0.6 x 1.75) m of approved make with ISI mark like Gogrej make in all colours, shades as approved by Engineer in charge	120.00	Each	6500.00	780000.00
<b>TOTAL AMOUNT (in Rs)</b>					<b>118631150.00</b>