

**Quotation for urgent repair and maintenance work in the Women's and Men's hostel at
Kariavattom campus**

SI. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes
1	2	4	5		
1	SC Funded women's Hostel				
1.01	15.28.1 : Dismantling roofing including ridges, hips, velleys and gutters etc., and stacking the material within 50 metres lead of :G.S. Sheet	10.2500	sqm		
1.02	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	49.3610	kg		

1.03	12.50 : Providing and fixing precoated galvanised iron 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 (5.5x55mm) 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.	12.0000	sqm		
1.04	12.4.2 : Providing ridges or hips width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete.0.63 mm thick with zinc coating not less than 275 gm/m2	3.5000	metre		
1.05	12.5.1 : Providing valleys of 90 cm wide overall in plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limper and bitumen washers complete:1.60 mm thick with zinc coating not less than 350 gm/ m2	5.0000	metre		
1.06	od367238/2022_2023 : Labour (coolie) engaged for cutting branches of trees falling over the terrace etc. complete	3.0000	Nos		

1.07	od364105/2022_2023 : Labour (Carpenters) engaged for easing doors and windows	3.0000	Nos		
1.08	50.9.2.1 : Providing and fixing paneled and glazed shutters for doors, windows and clerestory windows, 35 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineerin - charge.using Anjili/ Jack wood	4.2000	sqm		
1.09	14.5.1 : Renewing glass panes, with putty and nails wherever necessary including racking out the old putty :Float glass panes of thickness 4 mm	9.4960	sqm		
1.1	50.9.15.5 : Providing and fixing iron hooks and eyes: 100 mm	16.0000	no		
1.11	9.55.2 : Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc, complete:100x58x1.90mm.	14.0000	no		
1.12	9.63.2 : Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete:200x10 mm	1.0000	no		

1.13	<p>14.72 : Providing and fixing double scaffolding system (cup lock type) on the exterior side, upto seven story hight made with 40 mm dia. M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staricase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required location with essential safety features for the workmen etc. complete as per directions and approval of Engineer- in Charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding. Note:- This item to be used for maintenance work judicially, necessary deduction for scaffolding in the existing item to be done .</p>	60.0000	sqm		
1.14	<p>17.7.4 : 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:White Vitreous China Flat back wash basin size 550x400mm with single 15 mm C.P.brasspillar taps</p>	1.0000	each		
1.15	<p>50.17.1.4 : Supplying and fixing CP Health faucet good quality including cost of materials and labour charges etc. complete as per the direction of site engineer-in-charge.</p>	1.0000	no		

1.16	2.6.1 : Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil	4.3200	cum		
1.17	2.26.1 : Extra for every additional lift 1.5 m or part there of in excavation / banking excavated or stacked materials.All kinds of soil	2.1600	cum		
1.18	4.1.4 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4)1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	0.3750	cum		
1.19	50.18.9.9.2 : Providing and fixing PVC pipes includes joints of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in CHarge. 110 mm dia 4 Kg/cm2	8.0000	metre		
1.2	od367202/2022_2023 : Providing and erecting plain cement concrete rings with cement concrete 1:2:4 using 12.5mm broken stone 1.2m outer dia, depth 30cm and average 7.5cm thick including all form work, curing and erecting to plumb and line, hire charges of rope pully etc. complete.	10.0000	each		

1.21	od401328/2022_2023 : Reinforced cement concrete cover slab with diameter 1.20 m and thickness 0.10 m for the top cover of soak pit (placed above concrete rings) with 1:2:4 concrete including the cost of centering, shuttering, foam work , reinforcement (@ 80 kg/ cum) and lifting and placing in position etc. complete.	1.0000	each		
1.22	21.1.1.2 : 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, Aluminnium 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 portionPowder coated aluminium (minimum thickness of powder coating 50 micron)	585.2040	kg		
1.23	od367974/2022_2023 : Providing and fixing Aluminium powder coated shutter frame with steel powder coated mosquito net to windows/ ventilators with necessary fittings including Aluminium hinge tower bolt Neoprene/ EPDM rubber gasket etc. complete as per the direction of the Engineer in charge.	271.3030	sqm		

2	PG Men's Hostel				
2.01	<p>9.119 : Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door fame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in Charge.</p>	25.0000	metre		

2.02	<p>9.120.1 : Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and sized of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5mm thick, 95 mm wide PVC sheet out of which 75 mm shall be tapered in 45 degree on th inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mmx2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded /sealed to the styles & rails with 7 mm (5 mm + 2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer -in-charge, manufacture's specification & drawing.30 mm thick plain PVC door shutters</p>	7.1250	sqm		
2.03	<p>17.23 : Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively.</p>	1.0000	each		

2.04	18.21.2.1 : Providing and fixing uplasticised PVC connection pipe with brass unions:45 cm length15 mm nominal bore	5.0000	each		
2.05	18.22.1 : Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet:100 mm diameter	2.0000	each		
2.06	15.52 : Dismantling of flushing cistern of all types (C.I. / PVC/ Vitrous China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead	3.0000	each		
2.07	17.18.1 : Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS: 7231, with all fittings and fixtures complete.10 litre capacity - White	3.0000	each		
2.08	18.49.1 : Providing and fixing C.P brass bib cock of approved quality conforming to IS: 8931.15 mm nominal bore	3.0000	each		
2.09	21.16.2 : Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in-Charge.Powder coated minimum thickness 50 micron aluminium	1.0000	no		
2.1	9.97.5 : Providing and fixing aluminium tower bolts, ISI marked, anodised(anodic coating not less than grade AC 10 as per : 1868), transparent or dyed to required colour or shade, with necessary screws complete:100x10 mm	8.0000	no		

2.11	od367987/2022_2023 : Providing and fixing 18 mm thick Marine plywood conforming to IS : 710 (Century or equivalent make for floor platform fixed to the steel frame work already provided for vertical and horizontal surfaces with screws, bolts, nuts wherever necessary as per departmental direction	14.4000	sqm		
2.12	od382101/2022_2023 : Providing and fixing table top with mica sheet of 2mm thick fixing with synthetic resin adhesive in correct position etc complete as per the direction of departmental authorities.	14.4000	sqm		
2.13	14.6.1 : Renewing glass panes, with wooden fillets wherever necessary. Float glass panes of thickness 4 mm	1.4700	sqm		
2.14	od366459/2022_2023 : Labour (coolie) engaged for cleaning the existing drains and clearing for free flow of waste complete	5.0000	each		
2.15	15.3 : Demolishing R.C.C. work manually / by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer -in-Charge.	0.6240	cum		
2.16	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	2.1140	cum		

2.17	2.25 : Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	18.0000	cum		
2.18	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)	22.0000	cum		
2.19	6.4.1 : 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 1:4 (1 cement : 4 coarse sand)	2.5000	cum		
2.2	4.1.4 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4)1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	23.5000	cum		
2.21	13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	117.3360	sqm		
2.22	13.7.2 : 12 mm cement plaster finished with a floating coat of neat cement of mix:1:4 (1 cement : 4 fine sand)	6.9000	sqm		

2.23	14.1.1 : Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 meters lead:With cement mortar 1:4 (1 cement : fine sand)	5.0000	sqm		
2.24	26.29.1 : Cleaning of reinforcement from rust from the reinforcing bars to give it a total rust free steel surface by using alkaline chemical rust remover of approved make with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry, all complete as per direction of Engineer-In-Charge.Bars upto 12 mm diameter	15.0000	metre		
2.25	26.31.1 : Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-In-charge complete in all respect.SBR Polymer (@10% of cement weight) modified cementitious bond coat @2.2kg cement per sqm of surface area mixed with specified proportion of approvedpolymer	2.0000	sqm		

2.26	<p>26.32.1 : Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge. Note: Measurement and payment: The pre-measurement of thickness shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and/or the 75mm size cube crushing strength at the end of 28 days to be not less than 30 N/Sqmm²).12 mm average thickness.</p>	2.0000	sqm		
2.27	<p>26.32.2 : Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge. Note: Measurement and payment: The pre-measurement of thickness shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and/or the 75mm size cube crushing strength at the end of 28 days to be not less than 30 N/Sqmm²).25 mm average thickness in 2 layers.</p>	2.0000	sqm		

2.28	15.28.1 : Dismantling roofing including ridges, hips, velleys and gutters etc., and stacking the material within 50 metres lead of :G.S. Sheet	12.6010	sqm		
2.29	12.50 : Providing and fixing precoated galvanised iron 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 (5.5x55mm) 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.	12.6010	sqm		
2.3	od367186/2022_2023 : Labour Engauged for Chipping the floor surface and removing waste materials from the site	1.0000	No		
2.31	11.38 : Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 cement : 4 Coarse sand), including pointing the joints with white cement and matching pigments etc., complete.	33.9170	sqm		

2.32	od364105/2022_2023 : Labour (Carpenters) engaged for easing doors and windows	2.0000	Nos		
2.33	15.12.1 : Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead:Of area 3 sq. metres and below	3.0000	each		
2.34	50.9.1.1 : 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), using good quality Anjili wood /jack wood	0.1200	cum		
2.35	50.9.4.1 : Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Anjili/ Jack wood	4.7650	sqm		
2.36	9.53 : Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	14.0000	each		

2.37	9.48.2 : Providing and fixing M.S. Grills of required pattern in frames of windows etc. 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	20.0250	kg		
2.38	50.9.15.2 : Supplying and fixing 300 mm Aluminium aldrop	1.0000	no		
2.39	50.9.15.5 : Providing and fixing iron hooks and eyes: 100 mm	8.0000	no		
2.4	2.6.1 : Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil	11.0000	cum		
2.41	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.	36.0000	kilogram		
2.42	13.62.1 : Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture .	5.2800	sqm		
2.43	od367264/2022_2023 : Floor painting with acrylic water synthetic court floor paint of approved brand, colour and manufacture of required colour to give an even shade after applying a priming coat as per manufactures specifications and as per the direction of departmental authorities. Two or more coats on new work.	102.2400	sqm		

2.44	od367975/2022_2023 : Drawing court lines up to 5cm wide using approved paint in yellow/white color as approved as per departmental direction	100.0000	RM		
2.45	4.1.6 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	2.2500	cum		
3	RH Men's Hostel				
3.01	2.6.1 : Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil	0.2000	cum		
3.02	4.1.3 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	1.4010	cum		
3.03	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)	0.2000	cum		

3.04	50.6.1.2 : Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 (1 cement: 6 coarse sand) etc complete.	0.9010	cum		
3.05	4.2.3 : Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor, etc. up to floor five level, excluding the cost of centering, shuttering and finishing:1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	0.1210	cum		
3.06	50.18.9.13.1 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 25 mm dia 12 Kgf/cm ² - External work- exposed on wall	3.0000	metre		
3.07	50.18.9.3.1 : 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 25 mm dia 12Kfg/cm ²	10.0000	metre		

3.08	50.18.7.4.1 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 32 mm dia 10Kgf/cm ² - Internal work - Exposed on wall	50.0000	metre		
3.09	50.18.9.19.2 : Providing and fixing PVC pipes including fixing the pipe with clamps/clips at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 110 m dia 4 Kgf/cm ² - External work - Exposed on wall	2.5000	metre		
3.1	13.7.2 : 12 mm cement plaster finished with a floating coat of neat cement of mix:1:4 (1 cement : 4 fine sand)	5.8510	sqm		
3.11	18.21.2.1 : Providing and fixing uplasticised PVC connection pipe with brass unions:45 cm length15 mm nominal bore	1.0000	each		
3.12	18.54.1 : Providing and fixing PTMT bib cock of approved quality and colour.15 mm nominal bore, 86 mm long, weighing not less than 88 gms	2.0000	each		
3.13	18.53.1 : Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS: 893115 mm nominal bore	1.0000	each		

3.14	17.7.4 : 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:White Vitreous China Flat back wash basin size 550x400mm with single 15 mm C.P.brasspillar taps	1.0000	each		
3.15	17.28.1.1 : Providing and fixing P.V.C. waste pipe for sink or wash basin including PVC. waste fittings complete.Semi rigid pipe32 mm dia	1.0000	each		
3.16	14.1.1 : Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 meters lead:With cement mortar 1:4 (1 cement : fine sand)	6.0010	sqm		
3.17	od364105/2022_2023 : Labour (Carpenters) engaged for easing doors and windows	2.0000	Nos		
3.18	9.55.1 : Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc, complete:125x65x2.12 mm	6.0000	no		
3.19	od367186/2022_2023 : Labour Engauged for Chipping the floor surface and removing waste materials from the site	3.0000	Nos		

3.2	9.119 : Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door fame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in Charge.	5.0000	metre		
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3.21	<p>9.120.1 : Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and sized of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5mm thick, 95 mm wide PVC sheet out of which 75 mm shall be tapered in 45 degree on th inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mmx2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded /sealed to the styles & rails with 7 mm (5 mm + 2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer -in-charge, manufacture's specification & drawing.30 mm thick plain PVC door shutters</p>	1.7640	sqm		
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3.22	od367187/2022_2023 : Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown,with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3mm thickness, jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete	155.0980	sqm		
4	PG Womens Old Hostel				
4.01	15.9.2 : Demolishing stone rubble masonry manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer -in-Charges:In cement mortar	2.5500	cum		
4.02	15.2.1 : Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in-Charge.Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	13.5000	cum		
4.03	4.1.4 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4)1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	3.6490	cum		

4.04	4.3.2 : Centering and shuttering including strutting, propping etc. and removal of form work for:Retaining walls, return walls, (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	9.3100	sqm		
4.05	13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	17.8500	sqm		
4.06	13.7.2 : 12 mm cement plaster finished with a floating coat of neat cement of mix:1:4 (1 cement : 4 fine sand)	11.5500	sqm		
4.07	50.9.15.5 : Providing and fixing iron hooks and eyes: 100 mm	39.0000	no		
4.08	14.6.1 : Renewing glass panes, with wooden fillets wherever necessary:Float glass panes of thickness 4 mm	0.8560	sqm		
4.09	od364105/2022_2023 : Labour (Carpenters) engaged for easing doors and windows	2.0000	each		
4.1	18.52.1 : Providing and fixing C.P brass stop cock (concealed) of standard design and of approved make conforming to IS: 893115 mm nominal bore	1.0000	each		
Total in Figures					
Quoted Rate in Words					

CONTRACTOR

Sd/-
UNIVERSITY ENGINEER