

BUILT UP AREA DETAIL

DETAILS OF DEVELOPMENT WITH BUILT UP AREA TO BE CONSTRUCTED OF PROPOSED HOSTEL BUILDING AT MGM CAMPUS, N-6,CIDCO, AURANGABAD FOR MAHATMA GANDHI MISSION TRUST

DETAILS OF AREA

S.No	NAME OF BUILDING	NAME OF FLOOR	UNIT	AREA (Sq.mt)
{A}	MGM GANGA GIRLS HOSTEL	Basement floor	Sq.mt.	280.00
		Ground floor	Sq.mt.	550.00
		First floor	Sq.mt.	550.00
		Second floor	Sq.mt.	550.00
		Third floor	Sq.mt.	550.00
		Fourth floor	Sq.mt.	550.00
TOTAL AREA Sq.mt.				3,030.00

S.No	Description	Unit	Qty	Rate (With material)	Rate (With labour)	Amount
1)	EARTH WORK					
i)	Excavation in all type of soft soils for column foundation, pit, lower ground floor and plinth beam up to required depth and any width including all heights/ lift and disposal of surplus earth shoring of foundation trenches dewatering all complete.	Cu.m	325			
ii)	Excavation in all type of hard rock for column foundation, pit, lower ground floor and plinth beam up to required depth and any width including all heights/ lift and disposal of surplus earth shoring of foundation trenches dewatering all complete.	Cu.m	405			
ii)	Filling foundation with spoils or soils i.e. excavated earth of any kind except B.C. soil made available for filling etc. including ramming and watering all complete.	Cu.m	60			
iii)	Providing and filling morrum in plinth at any position/ depth from to 300mm thick including compaction in layers (as per specification) watering and consolidation etc with mechanical compaction all complete.	Cu.m	245			
2)	CONCRETE WORK					
i)	PCC work :- Providing and laying in situ cement concrete 1:4:8 (1 cement, 4 sand, 8 aggregate) with up to 40mm black trap stone aggregate in foundations/ plinth and bedding including spreading, ramming, consolidation curing complete.	Cu.m	73.8			
ii)	Concrete M- 20 :-Providing and laying in situ cement concrete M-20(1:1.5:3) at all positions in Foundation with mechanical vibrator compactor including curing item inclusive of lift and lead excluding the cost of centering, shuttering, finishing and reinforcement.	Cu.m	80.5			
iii)	Concrete M- 20 :-Providing and laying in situ cement concrete M-20(1:1.5:3) at all positions in Plinth Beam with mechanical vibrator compactor including curing item inclusive of lift and lead excluding the cost of centering, shuttering, finishing and reinforcement.	Cu.m	50.8			
iv)	Concrete M- 20 :-Providing and laying in situ cement concrete M-20(1:1.5:3) at all positions in Raft Slab with mechanical vibrator compactor including curing item inclusive of lift and lead excluding the cost of centering, shuttering, finishing and reinforcement.	Cu.m	40.8			
v)	Concrete M- 20 :-Providing and laying in situ cement concrete M-20(1:1.5:3) at all positions in Column with mechanical vibrator compactor including curing item inclusive of lift and lead excluding the cost of centering, shuttering, finishing and reinforcement.	Cu.m	117			
vi)	Concrete M- 20 :-Providing and laying in situ cement concrete M-20(1:1.5:3) at all positions in Roof beam with mechanical vibrator compactor including curing item inclusive of lift and lead excluding the cost of centering, shuttering, finishing and reinforcement.	Cu.m	216			

vii)	Concrete M- 20 :-Providing and laying in situ cement concrete M-20(1:1.5:3) at all positions in Slab with mechanical vibrator compactor including curing item inclusive of lift and lead excluding the cost of centering, shuttering, finishing and reinforcement.	Cu.m	538			
viii)	Concrete M- 20 :-Providing and laying in situ cement concrete M-20(1:1.5:3) at all positions in Shear wall with mechanical vibrator compactor including curing item inclusive of lift and lead excluding the cost of centering, shuttering, finishing and reinforcement.	Cu.m	4.42			
ix)	Concrete M- 20 :-Providing and laying in situ cement concrete M-20(1:1.5:3) at all positions in Staircase with mechanical vibrator compactor including curing item inclusive of lift and lead excluding the cost of centering, shuttering, finishing and reinforcement.	Cu.m	63			
3)	FORM WORK					
i)	Providing and fixing centering and shuttering for P.C.C including strutting,deshuttering , propping etc.all complete	Sqm	111			
ii)	Providing and fixing centering and shuttering for Foundation including strutting,deshuttering , propping etc.all complete	Sqm	282			
iii)	Providing and fixing centering and shuttering for Plinth beam including strutting,deshuttering , propping etc.all complete	Sqm	76.1			
iv)	Providing and fixing centering and shuttering for column including strutting,deshuttering , propping etc.all complete	Sqm	1455			
v)	Providing and fixing centering and shuttering for Floor beamincluding strutting,deshuttering , propping etc.all complete	Sqm	6371			
vi)	Providing and fixing centering and shuttering for Slab including strutting,deshuttering , propping etc.all complete	Sqm	3060			
vii)	Providing and fixing centering and shuttering for Retaining wall including strutting,deshuttering , propping etc.all complete	Sqm	38.4			
viii)	Providing and fixing centering and shuttering for Chajjas & staircases including strutting,deshuttering , propping etc.all complete	Sqm	315			
3)	Providing and laying /fixing plain or twisted (tor) reinforcement at all position as per detailed drawing and design of various bar diameters including straightening, cutting, bending, binding with 18 SWG binding wire for all R.C.C. work including laps. Chairs, hooks all complete	MT	98.8			
4)	MASONRY WORK					
1)	Providing and constructing second class well burnt brick masonry of 100mm & 230 mm thick in CM 1:4 (1 cement, 4 sand) in all internal walls, superstructure at any height/ position including racking of joints, scaffolding, curing all complete.	Cum	777			
5)	PLASTERING					
i)	Internal plaster :- Providing and applying cement plaster up to 15mm thick in two coats first in CM 1:6 & second in 1:4 with sponge finish on all interior surfaces with erection of scaffolding in all positions including all moldings, grooves, edges cornices, champers, fixing of wire mash over joint of beam/col & brick work and curing all complete.	sqm	9597			
ii)	External Plaster :- Providing and applying cement plaster up to 20mm thick in two coats first in CM 1:6 & second in 1:4 with sponge finish on all exterior areas and surfaces with erection of scaffolding in all positions including all moldings, grooves, projections, edges cornices, champers, fixing of wire mash over joint of beam & brick workand curing all complete.	sqm	2962			
6)	WATER PROOFING					
i)	Providing and laying water proofing with Brickbat coba on terrace & suncken area by providing base coat with water proofing compound of 12mm thick on clean surface with curing. the average 100 mm thick (laid to slope as directed) brick bat koba for water proofing. the top layer of C:M 25 to 35mm laid to slope of C:M 1:3 with standard make water proofing chemical compound as specified including curing testing etc all complete.	Sqm	252			
ii)	waterproofing plaster :- Providing and applying cement plaster with waterproofing compound up to 15mm thick in two coats first in CM 1:6 with 11 mm thick & second in 1:4 with 4mm thick in cement finish on all interior surfaces with in all positions upto 600mm height of wall including all joint of beam/col & brick work and curing all complete.	Sqm	328			
iii)	Providing and laying water proofing with light material on Terrace slab by providing base coat with water proofing compound of 20 to 25mm thick on clean surface with curing. the average 100 mm thick (laid to slope as directed) brick bat koba for water proofing. the top layer of C:M 25 to 35mm laid to slope of C:M 1:3 with standard make water proofing chemical compound as specified including curing testing etc all complete.	Sqm	595			
7)	FLOORING WORK					
i)	Providing and laying in position 25mm thk kota stone flooring any pattern and position at passage, in CM 1:10 bedding up to 30mm thick and including cutting, rubbing, cleaning, curing, cement floating and filling joints with neat cement slurry all complete.	Sqm	48			

ii)	Providing and fixing in position 100mm Kota stone skirting with 1:3 C:M backing including dressing, cutting filling the joints with white cement slurry mixed with appropriate pigment cleaning the surface of excess slurry. all complete	Rmt	64			
iii)	Providing and fixing kota stone on over RCC tread and riser in C:M 1:3 and stone adhesive with appropriate thick. including cutting, grinding, edging and rounding, polishing and cleaning of surface etc complete with all respect.	Sqm	197			
iv)	Providing & laying in position 600X600 vitrified tile of approved make in any shape or design on C:M 1:6 bedding upto 30mm thick. and including cutting, fixing appropriate thick. tile adhesive of approved make on under surface and 3mm thick. spacers and filling the joints uniformly with grout, cleaning of surface all complete.	Sqm	1429			
v)	Providing and fixing in position 100mm vitrified tile skirting up to 10mm thick with 1:3 C:M backing and appropriate tile adhesive including dressing, cutting filling the joints with white cement slurry mixed with appropriate pigment cleaning the surface of excess slurry all complete	Rmt	1474			
vi)	Providing and fixing in position green marble of window frame top, bottom and sides. The marble frame shall be fixed with stone adhesive of approved make on under surface of 3mm thick. including cutting, grinding, edging rounding, and filling of joints with white cement slurry mixed with appropriate pigment and cleaning the surface of excess slurry complete	Rmt	335			
vii)	Providing and fixing in position granite stone of door frame top and sides. The granite frame shall be fixed with stone adhesive of approved make on under surface of 3mm thick. including cutting, grinding, edging rounding, and filling of joints with white cement slurry mixed with appropriate pigment and cleaning the surface of excess slurry complete	Rmt	826			
viii)	Providing & laying in position 300X450 wall tile of approved make in any shape or design on C:M 1:4 bedding upto 30mm thick. and including cutting, fixing appropriate thick. tile adhesive of approved make on under surface and 3mm thick. spacers and filling the joints uniformly with grout, cleaning of surface all complete.	Sqm	1325			
8)	Providing and fixing in position purpose made medium grade aluminium section	Sqm	115			
9)	PAINTING WORK					
i)	Cement Putty :- Providing and applying cement based putty (of approved brand) in 2 coats on all walls and ceiling surface with erection of scaffolding. Smoothing the surface, rubbing, and cleaning of surface with water, repairing of cracks with fillers to give uniform surface.	Sqm	9597			
ii)	OBD :- Providing and applying OBD of approved colour and brand in two or more coats on all internal walls and ceiling surfaces with erection of scaffolding including brushing and brooming, cleaning the surface all complete. (excluding dado)	Sqm	9597			
iii)	Exterior apex paint on External area :- Providing & applying paint of approved colors and brand in two or more uniform coats on all exterior surfaces over one coat of primer applied by brush including brushing, brooming and cleaning the surface with erection of scaffolding all complete.	Sqm	2962			
10)	M.S. RAILING					
i)	Providing and fabrication MS railing as per design with all balustrade, guard bars, hand rails and fitting etc complete with all respect	Rmt	92.4			
ii)	Providing and fabricating MS grills, Insert plates etc of any pattern shape design made from MS flats square or round bars tees, round hollow pipe square or round including cutting, bending and welding with appropriate electrodes. As per IS specification. The item shall include, fixing the same in position at site with necessary chases, wall fitted with cement mortar all complete. One coat of primer shall be applied before fixing of position.bh	Kg	1859			
11)	DOORS					
i)	Providing and fixing Fiber doors for toilets with all accessories complete with a	Sqm	97.7			
ii)	Providing and fixing single leaf 37 mm flush door panel including hinges with 1mm thk laminated on both side & all accessories complete with all respect	Sqm	130			

Signature of Bidder with Date and Seal