

**ABSTRACT OF COST**

<b>Part</b>	<b>Particulars</b>	<b>Amount (₹)</b>
A	Water proofing treatment on Terrazo tiles roof of Dining Hall in Manas Hostel	
B	Development of backside kitchen area, Garbages area (including service road)	
C	Provision of Sheed and half wall reception ,TV room stationary and juice center at Manas hostel	
D	Provision of sunflim at sports room and Library at Manas hostel	
E	Provision of door Threshold 236 nos at student room in Manas Hostel	
F	Levelling of court yard at Manas Hostel	

G	Renovation of the area between sports room and kitchen room at Manas Hostel	
H	Renovation of vegetable cutting area of kitchen room at Manas Hostel	
<b>Total</b>		
<b>Rebate, if any @ .....%</b>		
<b>Total, after rebate</b>		
<b>Say Total</b>		
<b>Total in Words:</b>		

**Signature of Contractor with Seal**

**BILL OF QUANTITY**

**(A) Water proofing treatment on Terrazo tiles roof of Dining Hall in Manas Hostel**

<b>Item No.</b>	<b>Description of Item</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE (₹)</b>	<b>RATE IN WORDS</b>	<b>AMOUNT (₹)</b>
1	Dismantling & Preparing the surface by chipping & cleaning the surface with wire brush and free from all contamination. wash it thoroughly with high jet washer. The surface is to be moisten adequately prior to the application of waterproofing specified product. Allow surface water to evaporate and ensure that the surface is touch to dry.	SQM	309.000			
2	Staking old debris material within 50 metre lead	CUM	23.175			
3	After proper surface preparation, application of two coats of Asian SmartCare MPP (cement Slurry) mixed cement in a ratio 1: 1.5	SQM	309.00			
4	After application of first two coats, application of two coats Asian SmartCare Damp Block 2K and sprinkle fine sand over the final coat when the surface is still tacky for proper bonding of protective layer screed concrete.	SQM	309.00			
5	Providing and laying M20 Fibre Reinforcement Concrete Screed over the treated surface as per direction of Engineer in charge.	Cum	18.00			
<b>Total</b>						

**(B) Development of backside kitchen area, Garbages area (including service road)**

Item No.	Description of Item	UNIT	QTY	RATE (₹)	RATE IN WORDS	AMOUNT (₹)
6	Cutting road and making good the same including supply of extra quantities of materials i.e. aggregate, moorum screening, red bajri and labour required. Water bound macadam	cum	70.00			
7	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. 80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	Sqm	590.00			

8	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 getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	cum	30.00			
9	Centering and shuttering including strutting, propping etc. and removal of form work for Foundations, footings, bases for columns	sqm	275.00			
10	Providing and laying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centering, shuttering and finishing. 1:1½:3 (1 Cement: 1½ coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	sqm	24.24			
				<b>Total</b>		

**(C) Provision of Sheed and half wall reception ,TV room stationary and juice center at Manas hostel**

Item No.	Description of Item	UNIT	QTY	RATE (₹)	RATE IN WORDS	AMOUNT (₹)
11	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	sqm	54.91			

12	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 20mm nominal size).	Sqm	2.70			
13	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:3 (1 cement :3 coarse sand)	sqm	17.55			
14	15 mm cement plaster on rough side of single or half brick wall of mix: 1:4 (1 cement: 4 coarse sand)	sqm	40.00			
15	Precast terrazzo tiles 22 mm thick with graded marble chips of sizes upto 12 mm, in skirting and risers of steps not exceeding 30 cm in height, on 12 mm thick cement plaster 1:3 (1 cement : 3 coarse sand), jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete with tiles of : Light shade pigment using white cement	sqm	5.85			
16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in 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	sqm	320.00			

17	<p>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 Engineerin- 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.</p>	sqm	13.50			
18	<p>Providing and fixing precoated galvanised 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 : Crimp curve</p>	sqm	3.60			

19	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade Area of slab upto 0.50 sqm sqm	sqm	3.60			
20	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Granite work	metre	36.00			
21	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	40.00			
22	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	sqm	40.00			



23	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	sqm	40.00			
<b>Total</b>						

**(D) Provision of sunflim at sports room and Library at Manas hostel**

Item No.	Description of Item	UNIT	QTY	RATE (₹)	RATE IN WORDS	AMOUNT (₹)
24	Providing & fixing sunfilm as per the direction of the Engineer in charge.	sqm	54.91			
<b>Total</b>						

**(E) Provision of door Threshold 236 nos at student room in Manas Hostel**

Item No.	Description of Item	UNIT	QTY	RATE (₹)	RATE IN WORDS	AMOUNT (₹)
25	Marble stone flooring with 18 mm thick marble stone, as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry, including rubbing and polishing complete with : Agaria White	Sqm	26.19			

26	Extra for pre finished nosing to treads of steps of marble stone.	metre	402.90			
				<b>Total</b>		

**(F) Levelling of court yard at Manas Hostel**

Item No.	Description of Item	UNIT	QTY	RATE (₹)	RATE IN WORDS	AMOUNT (₹)
27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	506.25			
				<b>Total</b>		

**(G) Renovation of the area between sports room and kitchen room at Manas Hostel**

Item No.	Description of Item	UNIT	QTY	RATE (₹)	RATE IN WORDS	AMOUNT (₹)
28	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of: G.S. Sheet	sqm	33.00			
29	Hacking of CC flooring including cleaning for surface etc. complete as per direction of the Engineer-in-Charge.	cum	67.00			
30	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	cum	1.98			

31	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	kg	300.00			
32	Providing and fixing at or near ground level precast cement concrete in kerbs, edgings etc. as per approved pattern and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), including the cost of required centering,	cum	1.00			
33	Supplying and fixing C.I. cover without frame for manholes : 560 mm diameter C.I. cover (heavy duty) the weight of the cover to be not less than 108 kg	no	2.00			
34	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 (zone-III) : 4 graded stone aggregate 40 mm nominal size).	cum	6.70			
35	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 all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete. sqm	sqm	80.00			

36	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, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1 cement : 4 fine sand)	sqm	50.00			
37	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	60.00			
38	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	sqm	275.00			
39	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	sqm	275.00			
				<b>Total</b>		

**(H) Renovation of vegetable cutting area of kitchen room at Manas Hostel**

Item No.	Description of Item	UNIT	QTY	RATE (₹)	RATE IN WORDS	AMOUNT (₹)
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40	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of: G.S. Sheet	sqm	33.00			
41	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 Engineerin- 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.	sqm	55.25			
42	Providing and fixing precoated galvanised 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 : Crimp curve	sqm	5.10			

43	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in 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	sqm	200.00			
44	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	sqm	10.00			
				<b>Total</b>		

*(Rates are inclusive of all taxes, GST etc. applicable to the work as on the day of opening).*

**Signature of Contractor with Seal**