

# PROPOSED CONSTRUCTION OF ARANYA BHAWAN ANNEX

– AT PANJABARI, GUWAHATI - 781 037.

## TRANSIT ACCOMODATION BUILDING

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	<b>PILING WORKS</b>				
	<b>MACHINE DRIVEN PILES</b>				
1	Providing cast in-situ machine driven reinforced cement concrete piles of required bore-diameter, bulb diameter, lengths and with reinforcement as per specifications and drawings including using of Bentonite solution.				
	<b>C) UNIFORM PILE</b>				
	(II) Concrete Grade M25				
	(iii) Pile dia 400 mm	R.M.	1870.00		
2	<b>MISCELLANEOUS</b>				
	<b>Extra for using admixture &amp; plasticiser</b>				
	<b>(b) RCC grade M25</b>				
	(iv) Pile dia 400 mm	R.M.	1870.00		
	<b>REINFORCEMENT</b>				
3	Supplying, fitting and fixing in position reinforcement bars conforming to relevent IS code, for reinforced cement concrete works in piles including straightening, cleaning, cutting and bending to proper shapes and length as per specifications and drawings. The rings should be welded with vertical reinforcements as per specified IS codes of practice. (Inclusive of lap length, hook, chair, bend, anchor...etc)				
	(A) TMT bar made of Primary producer (From Primary producer)	Qtl	205.00		
	<b>DISMANTLING WORKS.</b>				
4	Demolishing R.C.C. / P.C.C. pile head of different diameters carefully without disturbing the remaining portion of the pile including opening out of the pile head to be demolished by excavating the earth upto required depth and clearing the debris as directed.	Cu.M.	20.00		
	<b>PILE TESTS.</b>				
5	Routine test for test loading to 1.5 times the specified safe working load including construction of any test pile cap and dismantling the same after completion of test. (Rate for Safe working Load)	Ton	65.00		

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
6	Initial test for test loading to 2 times the specified safe working load including construction of any test pile cap and dismantling the same after completion of test. (Rate for Safe working Load)	Ton	44.00		
	<b>EARTHWORK IN EXCAVATION</b>				
7	Earthwork in excavation for foundation trenches of walls, retaining walls, footings of column, steps, septic tank etc. including refilling (return filling) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified in the following classification of soils including bailing out water where necessary as directed and specified.				
	(A) Up to a depth of 2.00m below the existing ground level.	Cu.M.	234.00		
	(a) In ordinary soil				
8	Earth/ sand filling in plinth in layers not more than 150mm thick including necessary carriage, watering, ramming etc. complete as directed and specified including payment of land compensation, forest royalty, sales tax and other duties and taxes as may be necessary.	Cu.M.	103.50		
	(c) With river sand or silt (predominantly non plastic) by truck carriage including loading and unloading.				
	<b>PLAIN CEMENT CONCRETE WORKS</b>				
9	Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately).				
	(a) In prop 1cement: 3 sand :6coarse aggregate by volume	Cu.M.	30.00		
	(c) In prop 1cement: 5 sand :10coarse aggregate by volume	Cu.M.	50.00		
10	Plain cement concrete floor base in prop1:3:6 laid in alternate bays as specified with coarse agg. of size 13mm to 32mm including dewatering if necessary, and curing etc. complete.	Sq.M.	55.00		
	(c). 100 mm thick in prop 1:3:6				

Sl. No.	Specification of item of works							Unit	Qty	Rate	Amount

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
11	Providing and laying 25mm thick damp proof course with cement concrete in prop 1:1.5:3 with graded stone agg. of 10mm down nominal size including providing approved damp proof admixture in proportion as recommended by the manufacturer including curing etc. complete as directed.	Sq.M.	13.00		
	<b>REINFORCED CEMENT CONCRETE WORKS</b>				
12	Providing and laying plain/reinforced cement concrete works cement , coarse sand & 20mm down graded stone aggregate including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately)				
	(I) Using mixture machine				
	<b>(A) In sub - structure up to plinth level</b>				
	Foundation, footing, columns with base tie and plinth beam, pile cap, base slab, retaining walls, walls of septic tank, inspection pit and the like and other works not less than 100mm thick up to plinth level.	Cu.M.	170.00		
	<b>N) Without using admixture, plasticiser</b>				
	c) M25 grade concrete				
	<b>(B) In super-structure from plinth level upto 1st floor level.</b>				
	(i) <b>Walls</b> (thickness not less than 100mm) including attached pillasters, buttresses, plinth and string course etc.				
	<b>N) Without using admixture, plasticiser</b>	Cu.M.	8.00		
	c) M25 grade concrete				
	(ii) Columns, pillars, posts, struts, suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase (except spiral staircase and landing ) including preparing the top surface and finishing of nosing.				
	<b>N) Without using admixture, plasticiser</b>	Cu.M.	122.00		
	c) M25 grade concrete				

Sl. No.	Specification of item of works		Unit	Qty	Rate	Amount
	iii)	Vertical and horizontal fins (thickness not more than 100mm) individually or forming box louvre and projected band.				
	<b>N)</b>	<b>Without using admixture, plasticiser</b>	Cu.M.	2.00		
	c)	M25 grade concrete				
		<b>From 1st floor level to 2nd floor level.</b>				
	(i)	<b>Walls</b> (thickness not less than 100mm) including attached pillasters, buttresses, plinth and string course etc.				
	<b>N)</b>	<b>Without using admixture, plasticiser</b>	Cu.M.	7.50		
	c)	M25 grade concrete				
	(ii)	Columns, pillars, posts, struts, suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase (except spiral staircase and landing ) including preparing the top surface and finishing of nosing.				
	<b>N)</b>	<b>Without using admixture, plasticiser</b>	Cu.M.	122.00		
	c)	M25 grade concrete				
	iii)	Vertical and horizontal fins (thickness not more than 100mm) individually or forming box louvre and projected band.				
	<b>N)</b>	<b>Without using admixture, plasticiser</b>	Cu.M.	2.00		
	c)	M25 grade concrete				
		<b>From 2nd floor level to 3rd floor level.</b>				
	(i)	<b>Walls</b> (thickness not less than 100mm) including attached pillasters, buttresses, plinth and string course etc.				
	<b>N)</b>	<b>Without using admixture, plasticiser</b>	Cu.M.	7.50		
	c)	M25 grade concrete				
	(ii)	Columns, pillars, posts, struts, suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase (except spiral staircase and landing ) including preparing the top surface and finishing of nosing.				
	<b>N)</b>	<b>Without using admixture, plasticiser</b>	Cu.M.	121.00		
	c)	M25 grade concrete				

Sl. No.	Specification of item of works					Unit	Qty	Rate	Amount
	iii)	Vertical and horizontal fins (thickness not more than 100mm) individually or forming box louvre and projected band.							
	<b>N)</b>	<b>Without using admixture, plasticiser</b>				Cu.M.	2.00		
	c)	M25 grade concrete							
	<b>From 3rd floor level to 4th floor level.</b>								
	(i)	<b>Walls</b> (thickness not less than 100mm) including attached pillasters, buttresses, plinth and string course etc.							
	<b>N)</b>	<b>Without using admixture, plasticiser</b>				Cu.M.	7.50		
	c)	M25 grade concrete							
	(ii)	Columns, pillars, posts, struts, suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase (except spiral staircase and landing) including preparing the top surface and finishing of nosing.							
	<b>N)</b>	<b>Without using admixture, plasticiser</b>				Cu.M.	121.00		
	c)	M25 grade concrete							
	iii)	Vertical and horizontal fins (thickness not more than 100mm) individually or forming box louvre and projected band.							
	<b>N)</b>	<b>Without using admixture, plasticiser</b>				Cu.M.	2.00		
	c)	M25 grade concrete							
	<b>From 4th floor level to 5th floor level.</b>								
	(i)	<b>Walls</b> (thickness not less than 100mm) including attached pillasters, buttresses, plinth and string course etc.							
	<b>N)</b>	<b>Without using admixture, plasticiser</b>				Cu.M.	7.50		
	c)	M25 grade concrete							
	(ii)	Columns, pillars, posts, struts, suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase (except spiral staircase and landing) including preparing the top surface and finishing of nosing.							
	<b>N)</b>	<b>Without using admixture, plasticiser</b>				Cu.M.	121.00		

Sl. No.	Specification of item of works					Unit	Qty	Rate	Amount	
	c)	M25 grade concrete								
	iii)	Vertical and horizontal fins (thickness not more than 100mm) individually or forming box louvre and projected band.								
	<b>N)</b>	<b>Without using admixture, plasticiser</b>					Cu.M.	2.00		
	c)	M25 grade concrete								
	<b>From 5th floor level to 6th floor level.</b>									
	(i)	<b>Walls</b> (thickness not less than 100mm) including attached pillasters, buttresses, plinth and string course etc.								
	<b>N)</b>	<b>Without using admixture, plasticiser</b>					Cu.M.	3.50		
	c)	M25 grade concrete								
	(ii)	Columns, pillars, posts, struts, suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase (except spiral staircase and landing) including preparing the top surface and finishing of nosing.								
	<b>N)</b>	<b>Without using admixture, plasticiser</b>					Cu.M.	28.00		
	c)	M25 grade concrete								
	<b>TIMBER SHUTTERING (FORMWORK)</b>									
13	Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc., height of propping and centering below supporting floor to ceiling not exceeding 4.0M and removal of the same for in-situ reinforced concrete and plain concrete work in:									
	Foundation, footings, bases of columns, pile cap, raft and mass concrete works etc.					Sq.M.	301.00			
	(a)	Using 38mm thick plank								
	Sides of tie beams, grade beams etc. at or below ground level.					Sq.M.	169.00			
	(b)	Using 25mm thick plank								
	Columns, Pillars, Posts & Strut									
	(a)	Square, Rectangular, polygonal in plan or any shape like Tee/L etc. having plane vertical face					Sq.M.	240.00		
	(i)	Using 38mm thick plank								

Sl. No.	Specification of item of works		Unit	Qty	Rate	Amount
	(b)	Circular or curved in plan (Using 38mm thick plank)	Sq.M.	25.00		
		Sides and Soffits of Beams, beam haunchings, cantilever girders, bressumers, lintels and horizontal ties.				
	(a)	For depth not exceeding 1.0M.	Sq.M.	380.00		
	(i)	Using 38mm thick plank				
		Flat Surfaces such as soffits of suspended floors, roofs, landings, cantilever slabs, chajjas, balconies and the like.				
	(a)	Floors etc. upto 200mm in thickness.	Sq.M.	416.00		
	(i)	Using 25mm thick plank				
		Vertical surface such as walls (any thickness), parapet walls, partitions, walls of septic tank, inspection pit and the like including attached pilasters, buttresses, plinth and string courses and the like.	Sq.M.	127.00		
	(ii)	Using 25mm thick plank				
		Staircase with sloping or stepped soffits including risers and stringers but excluding Landing. (Using 38mm thick plank)	Sq.M.	32.50		
		<b>From 1st floor level to 2nd floor level.</b>				
		Columns, Pillars, Posts & Strut				
	(a)	Square, Rectangular, polygonal in plan or any shape like Tee/L etc. having plane vertical face	Sq.M.	177.00		
	(i)	Using 38mm thick plank				
	(b)	Circular or curved in plan (Using 38mm thick plank)	Sq.M.	4.50		
		Sides and Soffits of Beams, beam haunchings, cantilever girders, bressumers, lintels and horizontal ties.				
	(a)	For depth not exceeding 1.0M.	Sq.M.	416.00		
	(i)	Using 38mm thick plank				
		Flat Surfaces such as soffits of suspended floors, roofs, landings, cantilever slabs, chajjas, balconies and the like.				
	(a)	Floors etc. upto 200mm in thickness.	Sq.M.	414.00		
	(i)	Using 25mm thick plank				
		Vertical surface such as walls (any thickness), parapet walls, partitions, walls of septic tank, inspection pit and the like including attached pilasters, buttresses, plinth and string courses and the like.	Sq.M.	115.00		
	(ii)	Using 25mm thick plank				



Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	Vertical ties, fins, sun breaker, louvers, bands, dropwalls etc.				
	(ii) Using 25mm thick plank	Sq.M.	35.00		
	Staircase with sloping or stepped soffits including risers and stringers but excluding Landing. (Using 38mm thick plank)	Sq.M.	32.50		
	<b>From 2nd floor level to 3rd floor level.</b>				
	Columns, Pillars, Posts & Strut				
	(a) Square, Rectangular, polygonal in plan or any shape like Tee/L etc. having plane vertical face	Sq.M.	177.00		
	(i) Using 38mm thick plank				
	(b) Circular or curved in plan (Using 38mm thick plank)	Sq.M.	4.50		
	Sides and Soffits of Beams, beam haunchings, cantilever girders, bressumers, lintels and horizontal ties.				
	(a) For depth not exceeding 1.0M.	Sq.M.	430.00		
	(i) Using 38mm thick plank				
	Flat Surfaces such as soffits of suspended floors, roofs, landings, cantilever slabs, chajjas, balconies and the like.				
	(a) Floors etc. upto 200mm in thickness.	Sq.M.	390.00		
	(i) Using 25mm thick plank				
	Vertical surface such as walls (any thickness), parapet walls, partitions, walls of septic tank, inspection pit and the like including attached pilasters, buttresses, plinth and string courses and the like.	Sq.M.	115.00		
	(ii) Using 25mm thick plank				
	Vertical ties, fins, sun breaker, louvers, bands, dropwalls etc.				
	(ii) Using 25mm thick plank	Sq.M.	36.00		
	Staircase with sloping or stepped soffits including risers and stringers but excluding Landing. (Using 38mm thick plank)	Sq.M.	32.50		
	<b>From 3rd floor level to 4th floor level.</b>				
	Columns, Pillars, Posts & Strut				
	(a) Square, Rectangular, polygonal in plan or any shape like Tee/L etc. having plane vertical face	Sq.M.	188.00		
	(i) Using 38mm thick plank				
	(b) Circular or curved in plan (Using 38mm thick plank)	Sq.M.	4.50		

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	Sides and Soffits of Beams, beam haunchings, cantilever girders, bressumers, lintels and horizontal ties.				
	(a) For depth not exceeding 1.0M.	Sq.M.	430.00		
	(i) Using 38mm thick plank				
	Flat Surfaces such as soffits of suspended floors, roofs, landings, cantilever slabs, chajjas, balconies and the like.				
	(a) Floors etc. upto 200mm in thickness.	Sq.M.	391.00		
	(i) Using 25mm thick plank				
	Vertical surface such as walls (any thickness), parapet walls, partitions, walls of septic tank, inspection pit and the like including attached pilasters, buttresses, plinth and string courses and the like.	Sq.M.	115.00		
	(ii) Using 25mm thick plank				
	Vertical ties, fins, sun breaker, louvers, bands, dropwalls etc.				
	(ii) Using 25mm thick plank	Sq.M.	36.00		
	Staircase with sloping or stepped soffits including risers and stringers but excluding Landing. (Using 38mm thick plank)	Sq.M.	32.50		
	<b>From 4th floor level to 5th floor level.</b>				
	Columns, Pillars, Posts & Strut				
	(a) Square, Rectangular, polygonal in plan or any shape like Tee/L etc. having plane vertical face	Sq.M.	177.00		
	(i) Using 38mm thick plank				
	(b) Circular or curved in plan (Using 38mm thick plank)	Sq.M.	4.50		
	Sides and Soffits of Beams, beam haunchings, cantilever girders, bressumers, lintels and horizontal ties.				
	(a) For depth not exceeding 1.0M.	Sq.M.	430.00		
	(i) Using 38mm thick plank				
	Flat Surfaces such as soffits of suspended floors, roofs, landings, cantilever slabs, chajjas, balconies and the like.				
	(a) Floors etc. upto 200mm in thickness.	Sq.M.	392.00		
	(i) Using 25mm thick plank				
	Vertical surface such as walls (any thickness), parapet walls, partitions, walls of septic tank, inspection pit and the like including attached pilasters, buttresses, plinth and string courses and the like.	Sq.M.	115.00		

Sl. No.	Specification of item of works		Unit	Qty	Rate	Amount
	(ii)	Using 25mm thick plank				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	Vertical ties, fins, sun breaker, louvers, bands, dropwalls etc.	Sq.M.	36.00		
	(ii) Using 25mm thick plank				
	Staircase with sloping or stepped soffits including risers and stringers but excluding Landing. (Using 38mm thick plank)	Sq.M.	32.50		
	<b>From 5th floor level to 6th floor level.</b>				
	Columns, Pillars, Posts & Strut				
	(a) Square, Rectangular, polygonal in plan or	Sq.M.	72.00		
	(i) Using 38mm thick plank				
	(b) Circular or curved in plan (Using 38mm thick plank)	Sq.M.	6.50		
	Sides and Soffits of Beams, beam haunchings, cantilever girders, bressumers, lintels and horizontal ties.				
	(a) For depth not exceeding 1.0M.	Sq.M.	54.00		
	(i) Using 38mm thick plank				
	Flat Surfaces such as soffits of suspended floors, roofs, landings, cantilever slabs, chajjas, balconies and the like.				
	(a) Floors etc. upto 200mm in thickness.	Sq.M.	49.00		
	(i) Using 25mm thick plank				
	Vertical surface such as walls (any thickness), parapet walls, partitions, walls of septic tank, inspection pit and the like including attached pilasters, buttresses, plinth and string courses and the like.	Sq.M.	46.00		
	(ii) Using 25mm thick plank				
	<b>MASONRY WORKS</b>				
14	Providing <b>soling</b> in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete.	Sq.M.	592.00		
	(a).Brick on flat soling.				
	<b>IN SUB-STRUCTURE.</b>				
15	Brick work in cement mortar with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed				
	(I) <b>In Sub-structure</b> up to plinth level including dewatering if necessary	Cu.M.	26.00		
	(b). In proportion 1:4.				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
16	1st class brick nogged wall in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level (protruding M.S rod/Tor steel of column to be embeded in cement mortar and will be measured and paid separately)				
	<b>(II) In Super-structure above plinth level upto 1st floor level.</b>				
	<b>A) For 125mm thick wall.</b>	Sq.M.	135.00		
	(a) In cement mortar in proportion 1:4. (1 cement:4 sand)				
	<b>From 1st floor level to 2nd floor level.</b>	Sq.M.	389.00		
	<b>From 2nd floor level to 3rd floor level.</b>	Sq.M.	498.00		
	<b>From 3rd floor level to 4th floor level.</b>	Sq.M.	493.00		
	<b>From 4th floor level to 5th floor level.</b>	Sq.M.	491.00		
	<b>From 5th floor level to 6th floor level.</b>	Sq.M.	200.00		
	<b>CEMENT CONCRETE FLOORING</b>				
17	40 mm thick cement concrete floor consisting of 25 mm under layer of cement concrete in prop. 1:3:6 (1cement : 3 coarse sand : 6 coarse aggregate of 12.5 mm and down) and 15 mm thick wearing layer in cement concrete in prop. 1:1:2 (1cement : 1 coarse sand : 2 coarse aggregate of size 10mm down) finished with a floating coat of neat cement finish using cement slurry for bond @ 2.75 kg. per square metre of floor area , wearing layer is to be laid in panels including curing etc. complete as directed.	Sq.M.	7.50		
18	Cement plaster skirting with cement mortar in prop. 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement including rounding of junctions with floor.	Sq.M.	2.00		
	(a) 15 mm thick				
	<b>TILES WORKS</b>				
	<b>1. CERAMIC TILES</b>				
	<b>A) ON FLOOR</b>				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
19	Providing Ceramic Tiles of approved quality, size, shape and thickness not less than 8 mm on floors, skirtings, treads and risers of steps over cement mortar bed 15 mm thick in prop. 1:3 (1 cement : 3 coarse sand ) including cutting where necessary finished with flush pointing with Fix-A-Tile Choksey /Sika/Pedelite /Rouf) /white cement slurry mixed with approved pigment to match the shade of granite slab, complete at all levels as specified and directed. (Coloured pigment should be in conformity with colour of slab and as approved and directed by the Department).	Sq.M.	145.00		
	<b>Delux range</b> <b>Somany/ Orient/Nitco/Qutone Make</b>				
	Of size 600mmx600mm and above				
	<b>A) ON WALLS</b>				
20	Providing polished ceramic wall Tiles of approved quality, size, shape and thickness not less than 8mm on walls and skirtings over cement mortar bed 10 mm thick in prop. 1:3 (1 cement : 3 coarse sand ) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey / Sika / Pedelite / Rouf) /white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department). (Walls means both interior and exterior walls).	Sq.M.	360.00		
	<b>Delux range</b> <b>Somany/ Orient/Nitco/Qutone Make</b>				
	Of size 300mmx450mm and above				
	<b>VITRIFIED TILES</b>				
	<b>A) ON FLOOR</b>				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
21	Providing VITRIFIED floor tiles of approved quality of specified size, shape and thickness not less than 18mm on floors, skirtings, risers and treads of steps over 15 mm thick base of cement mortar in prop. 1:3 (1 cement : 3 coarse sand ) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey/Sika/Pedelite/Rouf) / white cement slurry mixed with approved pigment to match shade of tiles, mixed with approved pigment to match the shade of the tiles, complete at all levels as specified and directed. (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department)	Sq.M.	1133.00		
	<b>b) Executive range</b> <b>Somany/ Orient/Nitco /Varmora/VITA/</b>				
	i) Of size 800mmx800mm and above				
	<b>CONCRETE TILES</b>				
	<b>(A) FLOOR TILES</b>				
22	Providing polished SUNROCK-Hi CTS/ MULTIWYN tiles of approved quality, size, shape and thickness not less than 18mm on floors and skirtings over cement mortar bed 10 mm thick in prop. 1:3 (1 cement : 3 coarse sand ) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey / Sika / Pedelite / Rouf) /white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department).	Sq.M.	12.00		
	(a) SUNROCKHi CTS TILES				
	i). Well, Chocolate, Diamond Square, Ramp, Beach Sand (300x300) mm				
	<b>(C) PAVERS</b>				
23	Providing SUN ROCK HIGH CTS / DEVI paver block/ tiles of concrete grade M30 or above of approved quality, size, shape of specified thickness over a levelling bedding layer of 30mm compacted sand over a base course of WBM or PCC (Base course to be paid separately) including cutting where necessary finished with spreading, sweeping joining sand and compacting the pavers using vibrating compactor as specified and directed.	Sq.M.	310.00		
	SUN ROCK HIGH CTS /Devi Tiles (Pavers)				
	(b) 60 mm thick				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	<b>GRANITE FLOORING</b>				
24	Providing polished granite slab of approved quality, size, shape and thickness not less than 18 mm on floors, skirtings, treads and risers of steps over cement mortar bed 15 mm thick in prop. 1:3 (1 cement : 3 coarse sand ) including cutting where necessary finished with flush pointing with Fix-A-Tile Choksey /Sika/ Pedelite / Rouf) /white cement slurry mixed with approved pigment to match the shade of granite slab, complete at all levels as specified and directed. (Coloured pigment should be in conformity with colour of slab and as approved and directed by the Department).	Sq.M.	229.00		
	(i) Executive Quality				
	(i) With Fix-A-Tile (Choksey /Sika/ Pedelite /Rouf)				
	<b>ANTISKID TILES</b>				
25	Providing Antiskid Tiles of approved quality size, shape not less than 8mm on floor, skirting over a cement mortar bed 15mm thick of 1:3 (1 cement: 3 coarse sand) approved make fix with Fix-A-Tile (Choksey/Sika/Pedelite/Rouf)/ white cement complete at all level as specified and directed.	Sq.M.	102.00		
	<b>(A) CERAMIC</b>				
	i)Normal range (Sizes 300 mm x 300mm and above)				
	(a) Orient made: Galaxy Brown, Galaxy creama, Galaxy Pink, Galaxy Green, Pulsar Beige, Pulsar Blue, Pulsar Dove, Pulsar Pink, Burj Brown, Burj Green, Burj Slate				
	<b>CEMENT PLASTERING</b>				
25	<b>10 mm thick Cement plaster in single coat on fair side</b> of brick/concrete walls for interior plastering up to 1st floor level including arises or rounded angles not exceeding 80mm girth and finished even and smooth including curing complete as directed.	Sq.M.	1316.00		
	(a). In cement mortar 1:4				
	<b>From 1st floor level to 2nd floor level.</b>	Sq.M.	1631.00		
	<b>From 2nd floor level to 3rd floor level.</b>	Sq.M.	1735.00		
	<b>From 3rd floor level to 4th floor level.</b>	Sq.M.	1743.00		
	<b>From 4th floor level to 5th floor level.</b>	Sq.M.	1733.00		



Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	From 5th floor level to 6th floor level.	Sq.M.	442.00		
26	15 mm thick Cement plaster in single coat on rough side of single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles, not exceeding 80mm girth and finished even and smooth including curing complete as directed.	Sq.M.	134.50		
	A) On rough side				
	(b). In cement mortar 1:4				
	From 1st floor level to 2nd floor level.	Sq.M.	389.00		
	From 2nd floor level to 3rd floor level.	Sq.M.	498.00		
	From 3rd floor level to 4th floor level.	Sq.M.	493.00		
	From 4th floor level to 5th floor level.	Sq.M.	491.00		
	From 5th floor level to 6th floor level.	Sq.M.	200.00		
27	Extra over item no 6.2.1 to 6.2.3 for plastering on ceiling and soffits of stairs up to 1st floor level (instead of plastering on walls) including curing complete as directed.	Sq.M.	429.00		
	From 1st floor level to 2nd floor level.	Sq.M.	399.50		
	From 2nd floor level to 3rd floor level.	Sq.M.	399.50		
	From 3rd floor level to 4th floor level.	Sq.M.	399.50		
	From 4th floor level to 5th floor level.	Sq.M.	399.50		
	From 5th floor level to 6th floor level.	Sq.M.	48.00		
28	<b>GYPBOARD CEILING</b>				
	Supplying, fitting, fixing and painting where necessary (one coat primer and two coats of paint) M/F Suspended Ceiling which includes G.I. perimeter channels of size 0.55mm thick (having one flange of 20mm and another flange of 30mm and a web of 27mm) along with perimeter of ceiling, screw fixed to brick wall/ partition with the help of nylon sleeves and screws, at 610mm c/c. Then suspending G.I. intermediate channels of size 45mm (0.9mm thick with two equal flanges of 15mm each) from the soffit at 1220mm c/c with ceiling angle of width 25mmx10mmx0.55mm thick fixed to soffit with G.I.cleat and steel expansion fasteners. Ceiling section of 0.55mm thickness having knurled				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	web of 51.5mm and two equal flanges of 26mm each with lips of 10.5mm are then fixed to the intermediate channel with the help of connecting clip and in direction perpendicular to the intermediate channel at 457mm c/c, 9.5mm/ 12.5mm tapered				
	edge Gypboard (conforming to IS:2095-1982) is then screw fixed to ceiling section with 25mm long drywall screws at 230mm c/c. Screw fixing is done mechanically either with screw driver or drilling machine with suitable attachment. Finally, the boards are to be jointed and finished so as to have a flush look which includes filling and finishing the tapered and square edges of the boards with jointing compound, joint paper tape and two coats of drywall topcoat suitable for Gypboard complete at all levels as specified and directed. (For light fittings, providing opening for doors, window, ventilators etc, cut out made with frame of perimeter channel supported suitably to be measured and paid separately where necessary).	Sq.M.	563.00		
	(ii) 12.5mm thick				
29	Providing, fitting and fixing frame work for wall panelling with Hollock/ Bonsum/ Sundi battens of size 50mmx25mm fixed over tapering plugs made out of trapezoidal section having base 50mmx50mm at the bottom and 38mmx38mm at the top with depth of 50mm embeded in cement sand mortar in prop1:3 and spaced 450mm to 500mm apart complete with counter sunk wood screw of 50mm length.	Sq.M.	49.5		
	<b>PLYWOOD / HARDBOARD PARTION</b>				
30	Providing, fitting and fixing in position plywood / hardboard partion walls with 6mm thick plyboard / hardboard (best) with horizontal and vertical Sal battens of size 50mm x 80mm spaced at not more than 1.20m apart with necessary nails, wood screws, bolts etc. complete as directed by the Department for all levels (Painting / Varnishing to be measured and paid separately).	Sq.M.	98.00		
	A) 6mm thick Plyboard				
	a) On one face of the frame				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	<b>ROOF TREATMENT</b>				
31	Grading roof for water proofing treatment with (a) Cement concrete 1:2:4 (i) 1 cement: 2 coarse sand: 4 graded stone agg. 20 mm nominal size)	Cu.M.	33.00		
	(b) Cement mortar (i) 1:3 (1 cement: 3 coarse sand)	Cu.M.	7.00		
	<b>ARCHITRAVE / BEADING</b>				
32	Providing and fixing 1st class timber moulded architrave of size 50x20mm to door and window frames with countersunk wood screw, wooden plugs and applying a coat of wood preservative on unexposed surface etc.	R.M.	305.00		
	(a) With Teak wood/Sissu wood.				
33	Providing and fixing 1st class timber moulded beading of size 25mm x 15mm around panel inserts of doors with countersunk wood screws including applying a coat of wood preservative on unexposed surface.	R.M.	667.00		
	(a) With Teak wood/Sissu wood.				
	<b>CUPBOARD SHUTTERS</b>				
34	Providing and fixing 25mm thick wooden shutters for cup board including black enamelled M.S butt hinges (75mm x 40mm x 1.12mm) 6 nos. with necessary wood screws (fully panelled)	Sq.M.	116.00		
	(ii) Using Particle/Block board				
	d) With block board (both side commercial 19mm/20mm thick)				
	<b>BLOCK BOARD SHUTTERS</b>				
35	Providing and fixing flush door shutters solid core construction with frame of 1st class hard wood with cross band and face veneered ply wood face panels conforming to relevant I.S code including oxidised iron butt hinges (100mm x 75mm x 3.5mm) 6 nos with necessary wood screws.	Sq.M.	47.00		
	b) Non decorative type and block board core.				
	(ii) 35 mm thick .				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	<b>GRILLS</b>				
36	Providing, fitting and fixing M.S. grill of required pattern for windows/ clerestory windows/ opening with M.S. flats at required spacing in frame all round, square or round M.S. bars with round headed bolts and nuts or screws.	Kg.	2659.00		
	<b>I. Plain grill</b>				
	(c). Fixed to Brickwork /P.C.C /R.C.C.				
	<b>DOORS</b>				
37	Providing, fitting and fixing anodised aluminium framed glazed doors with anodised aluminium frame made of 100mm x 45mm x 2.5mm section of approved brand with door style of size 88mm x 45mm x 2.5mm, top rails 50mm x 45mm x 2mm lock rails 100mm x 45mm x 2mm and bottom rails 100mm x 45mm x 2.5mm fitted with glazing clip, special type rubber gasket complete including hydraulic floor spring, pivot, tower bolt in each leaf, aluminium door handle, lock, angles, cleat etc complete as specified and directed by the department at all levels.	Sq.M.	19.00		
	(i) 6mm clear glass				
38	Providing , fabrication and fixing of structural glazing made out of Anodised aluminium mother frame 6 nos 1.2m each @ 1.819 Kg/m and subframe of 16 nos 0.60 m each @ 0.31 Kg/m of Jindal or equivalent and 5 mm reflective glass of approved shade. The glass to be pasted using structural silicon (DC 995) and weatherseal silicon to be used (DC 789), the structure complete with all accessories as and where necessary.	Sq.M.	165.00		
	<b>P.V.C. DOORS &amp; DOOR FRAMES</b>				
39	Providing, fitting and fixing 40mm x 48mm wood reinforced PVC chowkhats fixed to the columns/stiffeners /walls with necessary holdfast/sleeves etc. as specified and directed at all levels.	RM	15.00		
40	Providing, fitting and fixing 24mm/ 29mm thick polymer reinforced moulded PVC door shutters fixed to the chowkath with necessary hinges, screws, bolts etc. as specified and directed at all levels (Door fixtures and fittings to be measured and paid separately)	Sq.M.	5.10		
	b) 29mm thick				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	<b>Fixed Windows.</b>				
41	Supplying and installing uPVC- Fixed Windows made out of Lead free green profile having "GREENLINE" mark of BIS standard uPVC multichambered sections of wall thickness 2.4mm with corners fusion welded, fully reinforced with galvanized steel 1.5/2mm including glazing bead , grooving bead, drain cap, fisher screws, packing pieces, necessary stainless steel screws etc. complete as directed. The windows must be installed complete with all kinds of ironmongery including EPDM gaskets, bridging wedges and glass packers and with suitable water draining system. Application of Silicon sealant from inside / outside of dowcorning / GE or equivalent. With 5mm clear glass				
	(b) ProVent fixe window Using uPVC sections of size 37mm x 43mm x 2.2mm thick wall for frame and 37mm x 56mm x 2.2mm thick wall for sash having 1.5mm thick reinforcement for both frame & sash.	Sq.M.	6.50		
	(WINSTA KOMMERLING/ FINESTA/ ENCRAFT)				
42	Supplying and installing <b>uPVC- Sliding Windows</b> made out of Lead free green profile having "GREENLINE" mark of BIS standard uPVC multichambered sections of wall thickness 2.4mm with corners fusion welded, fully reinforced with Galvanized steel 1.5/2mm including interlock profile, glazing bead, grooving bead, brush seal, aluminum sliding track, stainless steel rollers, sealing wedge block, Espag, int handle, pop up handle, keeper, drain cap, fisher screws, packing pieces with all necessary stainlessness screws etc. complete as directed. The windows must be installed complete with all kinds of ironmongery including EPDM gaskets, bridging wedges and glass packers and with suitable water draining system. Application of silicon sealant from inside / outside of Dowcorning / GE or equivalent.				
	With 5mm clear glass				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	(a) 2 Track Sliding Window with Flyscreen using uPVC section of sizes 88mm x 50 mm x 2.4mm thick wall for frame with inbuilt flyscreen track, 37mm x 61mm x 2.4mm thick wall for glass sash, 25mm x 49mm x 2.4mm thick wall for flyscreen sash having 1.5mm thick reinforcement, Interlock: 43mm x 23mm (Glass Panel)	Sq.M.	208.00		
	(WINSTA KOMMERLING/ FINESTA/ ENCRAFT)				
	(i) 2-Panel with 5mm clear float glass				
	<b>Casement Windows.</b>				
43	Supplying and installing <b>uPVC-Casement Windows</b> made out of Lead free, UV resistant green profile of BIS standard uPVC multi-chambered sections with corners fusion welded, fully reinforced with Galvanised steel atleast 1.4/2mm thick including glazing beads, folding gasket, glazing gasket, friction stay, Espag handle, Espag, keeper, drain cap, run up block, fisher screws, packing pieces with all stainless steel screws complete as directed. The windows must be installed complete with all kinds of ironmongery including EPDM gasket, bridging wedges and glass packers and with suitable water draining system. Fittings ROTO ?GQ or Equivalent. Application of Silicon sealant from inside / outside of Dowcorning / GE or equivalent complete as directed. (FENESTA / ENCRAFT / WINSTA KOMMERLING)				
	(a) Single leaf side hung Window using uPVC section of minimum sizes 58mm x 57mm x 2.4mm thick wall for frame and 58mm x 68mm x 2.4mm thick wall for glass sash. With 5mm clear float glass (WINSTA KOMMERLING / FENESTA / ENCRAFT)	Sq.M.	16.00		

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	<b>Sliding Doors.</b>				
44	Supplying and installing <b>uPVC- sliding door</b> made out of Lead free, UV resistant geen profile of BIS standard uPVC multichambered sections with corners fusion welded, fully reinforced with Galvanized steel minimum 2mm including interlock profile, glazing bead, grooving bead, brush seal, locking arrangement, aluminum sliding track, stainless steel rollers, sealing wedge block, Espag, int handle, pop up handle, keeper, drain cap, fisher screws, packing pieces with all necessary stainlessness screws etc. complete as directed. The windows must be installed complete with all kinds of ironmongery including EPDM gaskets, bridging wedges and glass packers and with suitable water draining system. Fittings ROTO / GQ or Equivalent. Application of silicon sealant from inside / outside of Dowcorning / GE or equivalent complete as directed.				
	II) 2 Track Sliding door without Flyscreen using uPVC section of minimum size 88mm x 50mm x 2.8mm thick wall for frame, 37mm x 75mm x 2.8mm thick wall for flyscreen sash, Interlock: 43mm x 23mm (Glass Panel)				
	(WINSTA KOMMERLING/ FINESTA/ ENCRAFT)				
	<b>(a) 2-Panel</b>				
	i) Using 5mm clear float glass	Sq.M.	8.50		
	<b>PLASTER OF PARIS &amp; WALL PUTTY</b>				
45	Providing two coats of Birla White Wall Care Putty (Water Resistant White Cement based putty for concrete/ mortar walls and ceiling both internal and external) after removing all loosely adhering material from the wall surface with the help of emery stone, putty blade or wire brush and moistening the wall with sufficient quantity of clean water as specified and directed by the department. (Total thickness of two coats is maximum 1.5mm)	Sq.M.	10805.50		
	(i) Thickness = 1.5 mm thick				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	<b>EXTERIOR PAINTS / COATINGS</b>				
46	Finishing old / new wall with water proofing weather coat smooth anti-fungal exterior painting of approved make of Berger paint of required shade after cleaning and clearing the surface etc. including scaffolding complete as directed at all levels (two coats)	Sq.M.	2960.00		
47	Providing and applying Spectrum aggregate textured wall coating in the branded name of SPECTRUM with its all tools, plants and machineries and scaffolding etc. as per manufacturers guideline and specification of the product.	Sq.M.	115.00		
	a) Spectrum Antonio				
	<b>ALUMINIUM FITTINGS</b>				
48	Supplying, fitting, fixing anodised aluminium fittings of approved make, reasonably smooth, free from sharp edges and corners, flaws and other defects and with counter sunk holes for screws including necessary aluminium screws etc. complete.( anodised to bright natural matt & satin finished )				
	a) Sliding door bolts	Each	67		
	i) 300mm x 16mm				
	b) Tower bolts				
	ii) 250mm x 12mm	Each	136		
	c) Door handles				
	iii) 150mm	Each	135		
	l) Hydraulic door closure	Each	41		
	m) Mortice lock vertical type	Each	19		
	o) Cupboard locks				
	ii) 50mm	Each	14		
	r) Curtain rod				
	ii) 25mm x 2mm	RM	42.00		
	s) Wardrobe knob	Each	28		
	t) Door stopper with rubber stopper	Each	41		



Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	<b>STEEL &amp; IRON WORKS</b>				
	<b>REINFORCEMENT</b>				
49	Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete. (No extra measurement for lap, hook, chair, anchor etc. will be entertained in the measurement as they are included in the rate) (Upto 1st floor level)				
	a) From Primary Producer: TATA/SAIL/Essex Steel/Jindal steel/Shyam steel/RINL				
	(ii) Super Ductile (SD) TMT reinforcement bars	Qtl.	456.00		
	<b>From 1st floor level to 2nd floor level.</b>	Qtl.	238.00		
	<b>From 2nd floor level to 3rd floor level.</b>	Qtl.	232.00		
	<b>From 3rd floor level to 4th floor level.</b>	Qtl.	232.00		
	<b>From 4th floor level to 5th floor level.</b>	Qtl.	232.00		
	<b>From 5th floor level to 6th floor level.</b>	Qtl.	48.22		
	<b>PLINTH PROTECTION WORKS</b>				
50	Providing plinth protection 50mm thick to cement concrete 1 : 3 : 6 with coarse agg.of 20mm nominal size including finishing the surface with 10mm thick cement plaster in proportion 1:3 with a floating coat of neat cement finished.	Sq.M.	66.00		
51	Providing drain with brick work in cement mortar in proportion 1:5 with half brick thick side walls and 100mm thick C.C (1:3:6) base over one brick flat soling including 15mm thick cement plastering in prop. 1:3 finished with a floating coat of cement slurry as directed with necessary shuttering for sides and earth work in excavation of foundation trenches and refilling the sides after completion of work etc. as specified.	RM.	88.00		
	i). 300mm wide and average 150mm deep with bed slope 1 in 150 with initial depth of 100mm.				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	<b>STEEL RAILING</b>				
52	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.e. 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 incharge.(For payment, only weight of stainless steel member is to be considered. No extra payment for fixing accessories such as nuts, bolts, fasteners etc. will be considered.)	Kg.	1530.00		
	<b>WATER PROOFING OF CHAJJAS, ROOF SLABS, TERRACES, SUNKEN SLABS, SEPTIC TANK,OH TANK, RAFT SLAB IN BASEMENT, WALLS ETC.</b>				
53	Providing and applying over roof/ raft slab, two coats of waterproofing slurry prepared with cement, fine sand in prop 1:1 admixed with modified acrylic polymer like Cemflex of Sika India Ltd./Dr. Sealkit Sealcrete (Asian Chemicals),/ RHEOMIX 131 OF BASF by brush @ 0.25% of cement-sand mixture (by weight) after proper surface preparation (surface preparation including thorough cleaning of surface to be measured and paid separately) as specified & directed by the Department complete.	Sq.M.	435.00		
54	Providing and applying over sunken slab etc., two coats of waterproofing slurry prepared with neat cement, water and modified Styrene Butadiene Rubber based polymer like Sika Latex of Sika India Ltd./Dr. Sealkit Masterbond Latex (Asian Chemicals)/ RHEOMIX 141 by brush after proper surface preparation (surface preparation including thorough cleaning of surface to be measured and paid separately) as specified & directed by the Department complete.	Sq.M.	142.50		
	<b>PRE CONSTRUCTION ANTI - TERMITE TREATMENT</b>				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
55	Pre construction anti - termite treatment by applying in the entire levelled area after plinth filling and before laying floor by applying the emulsion @ 5 (five) litres per square meter of the surface to be spread with light rodding so as to ensure proper absorption by the filled up earth (supplying of necessary tools and accessories by the contractor) as per the direction of the Department complete.	Sq.M.	385.00		
	a) with aqueous emulsion having concentration 1:19 with chloropirophose solution (trichel or euivalent) and water, i.e. 1% solution.				
56	Pre construction anti - termite treatment by applying in the junction of walls, column with the floor before laying floor and after operation of item no. 26.1.3 above making a channel 30mmx30mm all over the walls and making rod holes @ 150mm apart up to ground level below and applying emulsion @ 11 litres per square meter of vertical plinth wall surface inside the building so as to soak the soil with the emulsion up to the ground level and refill the holes and channel with the original materials obtained in making channels (supplying of necessary tools and accessories by the contractor) as per the direction of the Department complete.	Sq.M.	385.00		
	a) with aqueous emulsion having concentration 1:19 with chloropirophose solution (trichel or euivalent) and water, i.e. 1% solution.				
57	Pre construction anti - termite treatment by applying the soil along the external perimeter of the building (after construction completed) to a distance close to the plinth wall as specified and as directed by the deptt. up to a depth of 300mm making rod holes along the line @ 150mm apart to a depth of 300mm and applying emulsion @ 4.5 litres per running meter ensure moistening of the soil with emulsion (supplying of necessary tools and accessories by the contractor) as per the direction of the Department complete.	R.M.	85.50		
	a) with aqueous emulsion having concentration 1:19 with chloropirophose solution (trichel or euivalent) and water, i.e. 1% solution.				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
58	<b>Over Deck (Roof) Insulation : SINGLE LAYER SYSTEM OVER CONCRETE DECK / ACCESSIBLE roof (For Hydro &amp; Thermal Insulation with INSUBOARD)</b>				
	24 hourse Use Building : Providing & Laying of Insuboard over the PCC, 75mm thickness. (Make: M/s. Supreme or equivalent) (PCC with proper slope over RCC)	Sq.M.	374.00		
	<b>SANITARY WORKS</b>				
	<b>INDIAN TYPE WATER CLOSET</b>				
59	Providing fitting and fixing vitreous water closet squatting pan (Indian type W.C Orissa pattern) with all fittings and fixtures complete including cutting and making good to the walls and floors wherever required. (Flushing Cistern to be paid separately)				
	Indian type W.C Orissa pattern of size 580 x 440 mm	Each	1		
	(a) White				
	iii) Jaquar make				
	<b>EUROPEAN TYPE WATER CLOSET</b>				
60	Providing fitting and fixing vitreous china pedestal type water closet (European type W.C pan 400mm high ) with seat and lead ,CP brass hinges and rubber buffers , CI/MS brackets , 40 mm dia flush band with fittings including painting of fittings and brackets, required. (Flushing Cistern to be paid separately)				
	<b>C) Jaquar make</b>				
	(a) White	Each	2		
	(i) Size 530 x 370x 360 (Cat No.CNS-WHT-WS01) (inclusive of seat cover)				
60	Providing fitting and fixing Vitreous china wall hang water closet (European type W.C pan 400mm high) with seat and lead ,CP brass hinges and rubber buffers , CI/MS brackets , 40 mm dia flush band with fittings including painting of fittings and brackets, required. (Flushing Cistern to be paid separately)				
	<b>c) Jaquar make</b>				
	<b>l) White</b>	Each	14		
	(i) Florentine (Cat. No. FLS-WHT-0111) (inclusive of seat cover and fittings)				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	<b>PVC FLUSHING CISTERN</b>				
61	Supplying, fitting and fixing PVC flushing cistern with all internal fittings with CI brackets including fitting and fixing standard size CP flush pipe, union clamps etc. compete as directed and specified (pipes will be measured separately)				
	ii) Hindware make				
	a) White	Each	3		
	(i) Slek+ PVC cistern				
	<b>CONCEALED CISTERN</b>				
62	Supplying, fitting and fixing concealed cistern with all internal fittings with CI brackets including fitting and fixing standard size CP flush pipe, union clamps etc. compete as directed and specified (pipes will be measured separately)				
	<b>c) Jaguar make</b>				
	Concealed Cistern (Cat.No.CIB-WHT-31801011X) with Control Plate (CP) (Cat. No. CIS-CHR-31191510X)	Each	14		
	<b>URINAL</b>				
63	Providing fitting and fixing vitreous china flat back type lipped front urinal basin of with automatic flushing cistern with standard flush pipe and CP brass spreader and brass unions, etc. complete including painting of fittings and brackets, cutting and making good the walls & floors wherever required.				
	(B) Hindware Make	Each	2		
	(a) White				
	(ii) URINAL ALEXA E-Sense (Cat. No.96005)				
	<b>SQUATING PLATE URINAL</b>				
64	Providing fitting and fixing vitreous china squatting plate urinal with automatic flushing cistern with standard flush pipe and CP brass spreader and brass unions, etc. complete including painting of fittings and brackets, cutting and making good the walls & floors wherever required.	Each	1		
	(A) Parryware Make				
	(i) White (Cat. No. C0503)				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	<b>DIVISION PLATE</b>				
65	Supplying fitting and fixing vitreous china division plate including fitting and fixing complete as directed and specified.				
	<b>(i) Parryware Make</b>				
	(a) White				
	(i) Partion Magnum / Large (Cat. No.C0571/07)	Each	2		
	<b>WASH BASIN</b>				
66	Providing vitreous China wash basin with CI/MS brackets, C.P brass chain with plug,PVC waste pipe including painting of fittings and brackets, cutting and making good the walls wherever required. (Pillar cock, stop cocks, waste coupling are to be paid separately)				
	<b>PEDESTAL BASIN (with pedestal)</b>				
	(A) Parryware Make				
	(a) White				
	(i) Duke 660 x 495 (Cat. No.C8416/27) (white/coloured)	Each	14		
	Basin (without pedestal)				
	(B) Hindware Make				
	(a) White				
	(ii) Standard 630 x 450 (Cat. No.10001)	Each	5		
	Counter Top Basin				
	(B) Hindware Make				
	(iii) Round Starlet 490 dia (Cat. No.10052)	Each	2		
	<b>KITCHEN SINK (STAINLESS STEEL)</b>				
67	Providing fitting & fixing stainless steel kitchen sink of Parryware make with CI/MS brackets, C.P. brass chain with rubber plug, PVC waste pipe etc. complete including painting the fittings ,cutting &making good the walls wherever required. (Sink cock, stop cocks, waste coupling are to be paid separately)				
	(A) Parryware Make				
	(i) Single Bowl with Veg Bowl & Drain Board (400 x 200) Flat Edge- Glossy (Cat.No.C8545)	Each	1		
	(vi) Single Bowl (160 x 180) Flat Edge - Glossy (Cat.No.C8538)	Each	3		

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	<b>MIRROR</b>				
68	Providing fitting and fixing Decorative Mirror complete as directed and specified.				
	(A) Parryware Make				
	(b) Size 600mm x 450mm	Each	21		
	<b>SHELF</b>				
69	Providing fitting and fixing Glass Shelf complete as directed and specified.				
	Glass shelf with C.P. guard rail				
	(ii) Sona make (Cat. No.TR-0701)				
	(b) 525mm	Each	21		
	<b>SOAP TRAY,SOAP DISH,LIQUID SOAP DISPENSER AND LIQUID SOAP</b>				
70	Providing, fitting and fixing recessed soap tray / soap dish complete as directed and specified.				
	(a) Parryware Make				
	(ii) Wall Soap tray (Cat. No.C9951)	Each	28		
	<b>TOWEL RAIL,TOWEL RACK &amp; TOWEL RING</b>				
71	Providing, fitting and fixing CP towel rail complete as directed and specified.				
	<b>(a) Jaquar make</b>				
	(ii) Continental 600mm (Cat.No. ACN-1111N)	Each	21		
	<b>TOILET PAPER HOLDER</b>				
72	Providing fitting and fixing chrome plated (CP) toilet paper holder of Jaquar make complete as directed and specified.				
	<b>(a) Jaquar make</b>	Each	16		
	(iii) Queen's toilet paper holder (Cat.No.AQN-7751)				
	<b>WASTE COUPLING</b>				
73	Providing, fitting and fixing Chrome Plated waste coupling complete as directed and specified.				
	<b>(a) Jaquar make</b>	Each	25		
	(i) 32mm (HT/FT) (Cat.No.ALD-705 / 709)				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	<b>BOTTLE TRAP</b>				
74	Providing, fitting and fixing Chrome Plated bottle trap complete as directed and specified.				
	(a) Jaquar make				
	(i) Bottle trap (with internal partition) 32mm size with 250mm long wall connection pipe (Cat.No. ALD-769)	Each	21		
	<b>PVC PIPES, BENDS, JUNCTIONS, TEES ETC.</b>				
75	Supplying, fitting and fixing PVC pipes of 6 Kg/cm <sup>2</sup> (Supreme/Prince) or other ISI approved including joining ,fitting and fixing wiyh clamps etc.as necessary complete at all levels including below G.L as directed and specified.				
	a) In exposed surfaces or in trenches.				
	(ii) 110mm dia.	R.M.	303.00		
	(iv) 75mm dia.	R.M.	85.00		
	b) Concealed by chiselling or breaking brick wall/C.C./R.C.C and making good to the damages.				
	(ii) 110mm dia.	R.M.	35.00		
	(iv) 75mm dia.	R.M.	350.00		
76	Supplying, fitting and fixing 87.5 degree PVC bend of (Supreme/Prince) or other ISI approved including joining ,fitting and fixing etc.as necessary complete at all levels including below G.L as directed and specified.				
	a) In exposed surfaces or in trenches.				
	(ii) 110mm dia.	Each	15		
	(iv) 75mm dia.	Each	12		
	(b) Concealed by chiselling or breaking brick wall/C.C./R.C.C. and making good to the damages.				
	(ii) 110mm dia.	Each	10		
	(iv) 75mm dia.	Each	10		



Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
77	Supplying fitting and fixing 87.5 degree PVC bend with door of (Supreme/ Prince) or other ISI approved including joining, fitting and fixing etc.as necessary complete at all levels including below G.L. as directed and specified.				
	a) In exposed surfaces or in trenches.				
	(ii) 110mm dia.	Each	12		
	(iv) 75mm dia.	Each	10		
	(b) Concealed by chiselling or breaking brick wall/C.C/R.C.C. and making good to the damages.				
	(ii) 110mm dia.	Each	12		
	(iv) 75mm dia.	Each	15		
78	Supplying fitting and fixing 45degree PVC bend of (Supreme/Prince) or other ISI approved including joining , fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified.				
	a) In exposed surfaces or in trenches.				
	(ii) 110mm dia.	Each	12		
	(iv) 75mm dia.	Each	15		
	(b) Concealed by chiselling or breaking brick wall/C.C/R.C.C. and making good to the damages.				
	(ii) 110mm dia.	Each	12		
	(iv) 75mm dia.	Each	15		
79	Supplying fitting and fixing PVC Plain single tee of (Supreme/ Prince) or other ISI approved including joining, fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified.				
	a) In exposed surfaces or in trenches.				
	(ii) 110mm dia.	Each	12		
	(iv) 75mm dia.	Each	15		

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	(b) Concealed by chiselling or breaking brick wall/C.C/R.C.C. and making good to the damages.				
	(ii) 110mm dia.	Each	20		
	(iv) 75mm dia.	Each	20		
80	Supplying fitting and fixing PVC single 'Y' of (Supreme/Prince) or other ISI approved including joining , fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified.				
	a) In exposed surfaces or in trenches.				
	(ii) 110mm dia.	Each	18		
	(iv) 75mm dia.	Each	18		
	(b) Concealed by chiselling or breaking brick wall/C.C/R.C.C. and making good to the damages.				
	(ii) 110mm dia.	Each	15		
	(iv) 75mm dia.	R.M.	15		
	<b>COWEL</b>				
81	Providing fitting and fixing 50mm dia. HCI cowl with cement caulking complete as directed and specified.	Each	6		
	<b>GRATING</b>				
82	Providing fitting & fixing C.P.Grating to the floors complete as directed and specified.				
	(a) 110mm dia	Each	20		
	<b>MANHOLE COVER</b>				
83	Providing fitting and fixing 450mm dia. 90mm thick C.I. Man hole cover and frame of 38 Kg. weight complete as directed and specified	Each	2		
	<b>SOAK PIT AND INSPECTION CHAMBER</b>				
84	Construction of filter bed in soak pit including earth work in excavation of soil and then filling up of the trench with brick bats/Charcoal covered with earth over a layer of A.C. plain sheet above brick bat filling complete as directed. (sizes of soak pit may vary depending on the sizes and capacities of the septic tank as well as the number of users as mentioned in the table.	Cum	12.00		

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
85	Construction of inspection pit inside measurement 450mm x450mm x 450mm flush with 100mm diameter HCl/PVC pipes and cement concrete base in proportion 1:3:6 over flat brick soling, 12cm brick wall in cement mortar in proportion 1:4 finished with 13mm cement plaster in proportion 1:2 inside wall and floor, 450mm x 450mm air tight C.I. inspection pit cover and frame complete including supplying of materials, necessary excavation of pit as directed.	Each	10		
	<b>AJAY FLOWGUARD CPVC PIPE.</b>				
86	Supplying fitting and fixing Ajoy Flowguard CPVC (Chlorinated Polyvinyl Chloride) pipes having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fitting including clamps at 1.00 m spacing including joining of pipes and fitting with one step CPVC solvent cement and testing of joints complete at all levels as directed and specified. (Note: Ball valve and union will be charged extra and does not comes under Accessories)				
	(i) In internal wall - exposed on wall				
	(d) 32 mm OD	R.M.	30.00		
	(e) 40 mm OD	R.M.	80.00		
	(f) 50mm PD	R.M.	120.00		
	(ii) Concealed by chiselling or breaking brick wall/C.C/R.C.C and making good to damages				
	(a) 15 mm OD	R.M.	180.00		
	(b) 20 mm OD	R.M.	40.00		
	(c) 25 mm OD	R.M.	20.00		
	<b>BIB COCK</b>				
87	Supplying fitting and fixing C.P. bib cock 15mm dia of approved brand directed and specified. (G.I. & C.P pipes will be measured separately)				
	<b>Essco make (Delux/Sumthing spl./Tropical)</b>				
	(a) Bib cock short body	Each	18		

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
	<b>STOP COCK</b>				
88	Supplying fitting and fixing stop-cock of approved brand of size as mentioned below and directed and specified (G.I. & C.P. pipes will be measured and paid separately)				
	<b>I) Brass stop cock (heavy) of Sant make</b>				
	(i) 15mm dia	Each	55		
	(ii) 20mm dia	Each	4		
	<b>PILLAR COCK</b>				
88	Supplying and fitting fixing C.P. pillar cock of 15mm dia of approved brand as specified and directed.	Each	21		
	Agmeco (classic)				
	(a) Flat				
	<b>SHOWER</b>				
89	Supplying fitting and fixing Chrome Plated (C.P.) shower 15mm dia. Of approved brand as directed and specified. (Pipes will be measured and paid separately)				
	<b>Jaquar make</b>				
	(iii) Pressure adjustable shower with revolving joint	Each	14		
	<b>VALVE</b>				
90	Supplying and fitting gun metal country pit valve (full way valve) I.S.I. Make as specified and directed.				
	b) 50 mm dia.	Each	4		
	c) 25 mm dia.	Each	8		
91	Supplying fitting and fixing gun metal check valve including necessary threads to pipes.				
	a) 50 mm dia. (Heavy duty)	Each	2		
	<b>WATER TANK</b>				
92	Supplying and placing plastic cylindrical vertical claused top (PCVC) tank of Sintex / Polycon / Patton make over the staging with	Each	6		
	2000 Lt capacity				
	(a) Sintex make				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
1	Providing and fixing Pre-laminated flat pressed 3 layer (medium density) particle board or graded wood particle board IS : 3087 marked, with one side decorative and other side balancing lamination Grade I, Type II exterior grade IS : 12823 marked, in shelves with screws and fittings wherever required, edges to be painted with polyurethane primer (fittings to be paid separately).	Sq.M.	75.00		
	18 mm thick				
2	Providing and fixing specified wood frame work consisting of battens 50x25 mm fixed with rawl plug and drilling necessary holes for rawl plug etc. including priming coat complete.	Cu.M.	1.75		
	Kiln seasoned and chemically treated hollock wood				
3	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt / suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS:2045 Type S. including cost of adhesive of approved quality.	Sq.M.	295.00		
	1.0mm thick.				
4	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	1080.00		
5	Neat Cement Punning	Sq.M.	35.00		
6	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design	Metre	99.00		
	In 75x75 mm deep chase				

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
7	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x 1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	Each	7		
8	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	Each	7		
9	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.	Sq.M.	7730.50		
	Two coats				
10	Painting with synthetic enamel paint, having VOC (Volatile Organic Compound) content less than 150 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.	Sq.M.	755.00		
	Two coats				
11	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.				
	With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre	Sq.M.	315.00		
	With ready mixed red oxide zinc chromatic on steel / iron works having VOC content less than 250 grams/ litre	Sq.M.	440.00		
	With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	Sq.M.	10805.50		

Sl. No.	Specification of item of works	Unit	Qty	Rate	Amount
1	Providing & fixing, volatile organic compound compliant and conforming to IS:13745-1993 Phenol bonded 65mm thick factory made work in Frames of door's made out of Eco friendly Bamboowood superior quality (interior use), approved / certified by GRIHA or IGBC or equivalent having density of 1000 Kg/m3 to 1250 Kg/m3, Hardness 1000 Kgf to 1500 Kgf having tenon and mortise interlocking system in approved variant & colours / finishes and door frame to be fixed to the wall using G.I. screws of 100mm size as a complete job. The rate of material includes all charges such as Excise, VAT, octroi, carriage including loading, unloading and stacking at site complete as directed by Engineer in-charge	Cu.M.	4.00		
2	Providing & fixing, volatile organic compound compliant and conforming to IS:13745-1993 Phenol bonded panelled or panelled and glazed shutters of doors, made out of Eco friendly Bamboowood superior quality (interior use) approved / certified by GRIHA or IGBC or equivalent, pre-molded / profiled including 15mm molding on one side of styles, top and bottom rails and 15mm molding on two sides of lock rails, styles and rails have 10mm wide and 25mm deep groove to fit in panels, having density of 1000 Kg/m3 to 1250 Kg/m3, Hardness 1000 Kgf to 1500 Kgf, profiled interlocking system locked in place by bamboo pins in approved variant & colours / finishes as per manufacturer's specification and installation procedure and as per direction of Engineer in-charge. Excluding panelling / clerestory windows which will be paid for separately. The rate of material includes all charges such as Excise, VAT, octroi, carriage including loading, unloading and stacking at site complete as directed by Engineer in-charge	Sq.M.	84.00		
<b>Grand Total</b>					