



NUMALIGARH REFINERY LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)
NRL COMPLEX, NUMALIGARH,
Dist : GOLAGHAT, ASSAM 785699
Tel.: 03776-265413 Fax : 03776-265514



TENDER DOCUMENT

FOR

**Construction of Interior Works and balance civil work for Pre-engineered Steel Building for NRL at
GS Road, Guwahati**

Tender No. OC31000014

PART - I : UNPRICED BID

PREPARED & ISSUED BY
NUMALIGARH REFINERY LIMITED
(A Govt. of India Enterprise)



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Schedule of Rate

TENDER DOCUMENT

FOR

**Construction of Interior Works and balance civil work for Pre-engineered Steel Building for NRL at
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PART - II : PRICED BID

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Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

00010 UG Tank

The item covers the following services:

10	Earth work : Earth work in excavation by mechanical (Hydraulic excavator) or manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m; disposed earth to be levelled and neatly dressed. - (a) All kinds of soil.	Cubic meter	44.660		
20	Earth work : Earth work in Carriage of materials by mechanical transport including loading, unloading and stacking excavated earth,Lime, moorum, building rubbish etc beyond 50 m upto 3 Km	Cubic meter	11.165		
30	Earth work : Earth work in Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth: consolidating each deposited layer by ramming and watering, lead upto 50m and lift upto 1.5m.	Cubic meter	4.424		

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
40	Sand Filling : Supplying and filling in plinth with fine sand under floors including watering, ramming consolidating and dressing complete.	Cubic meter	1.770			
50	PLAIN CEMENT CONCRETE : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work upto plinth level:1:3:6 (1cement: 3coarse sand: 6graded stone aggregate 40mm nominal size).	Cubic meter	3.804			
60	REINFORCED CEMENT CONCRETE : Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete (As per IS:456:2000) of specified grade for reinforced cement concrete work including pumping of concrete to site of laying but excluding the cost of centring, shuttering, finishing and reinforcement. Cost to include using admixtures in recommended proportion (as per IS: 9103) to accelerate, retard setting of concrete & improve workability without impairing strength and durability as per directions of Engineer in Charge.	Cubic meter	2.157			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
	M 25 grade reinforced cement concrete by using 410 Kg of cement per cum of concrete. all work upto floor V level - Providing M-20 grade concrete instead of M-25 grade .					
70	"Centring and shuttering including strutting, propping etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform. "	Square meter	13.500			
80	"Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete - thermo-mechanically treated bars. "	Kilogram	3.905			
90	Brick work with FPS brick of class designation 75 in foundation and plinth in Cement mortar 1:4 (1 Cement : 4 Coarse sand)	Cubic meter	4.747			
100		Cubic meter	19.018			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

"BRICK SOLING : Providing and laying 75 mm thick Brick soling under floor, wall in place on edge in required pattern with bricks of class designation 75 on a bed including filling joints with river sandcomplete
"

110 Square meter 58.752

FINISHING : 20 mm thick plaster in two coats , backing coats 10 mm and finishing coats 10 mm thick on fair side of brick/ stone masonry walls for interior plastering upto first floor level, including arises, internal round angles, not exceeding 80mm in girth & finished even & smooth including curing complete as directed in 1:3 (1 cement : 3 fine sand)

120 Square meter 27.720

FINISHING in Neat cement punning

130 Square meter 58.752

WATER PROOF COATINGS : Providing & applying of waterproofing coating like Inertol Proxitar of Sika India Ltd.by brush for waterproofing of septic tanks, sewage treatment plants etc. after proper surface preparation (surface preparation including thorough cleaning of surface to be measured & paid

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

seperately) as specified & directed by the Department
complete - In cement mortar 1:3

Total net item value :

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

00020 DG.Shed

The item covers the following services:

10	Earth work in excavation by mechanical (Hydraulic excavator) or manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m; disposed earth to be levelled and neatly dressed in all kinds of soil.	Cubic meter	52.657		
20	Carriage of materials by mechanical transport including loading, unloading and stacking Excavated earth,Lime, moorum, building rubbish etc beyond 50 m upto 3 Km	Cubic meter	13.164		
30	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth: consolidating each deposited layer by ramming and watering, lead upto 50m and lift upto 1.5m.	Cubic meter	34.320		

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
40	Supplying and filling in plinth with fine sand under floors including watering, ramming consolidating and dressing complete.	Cubic meter	13.728			
50	Providing and laying SOLING 300 mm thick (compacted thickness using boulders of approved quality, as close as possible,,hand packing with stone chippings to fill the voids, laying murrum, ramming, watering, well consolidating with 10 MT roller complete.	Cubic meter	4.704			
60	Providing and laying 75 mm thick Brick soling under floor, wall in place on edge in required pattern with bricks of class designation 75 on a bed including filling joints with river sandcomplete	Square meter	47.487			
70	PLAIN CEMENT CONCRETE: Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work upto plinth level in 1:3:6	Cubic meter	1.568			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

(Icement: 3coarse sand: 6graded stone aggregate 40mm nominal size).

80

Cubic meter

0.522

PLAIN CEMENT CONCRETE: Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work upto plinth level in 1:4:8 (Icement: 4coarse sand: 8graded stone aggregate 40mm nominal size).

90

Cubic meter

6.820

REINFORCED CEMENT CONCRETE : Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete (As per IS:456:2000) of specified grade for reinforced cement concrete work including pumping of concrete to site of laying but excluding the cost of centring, shuttering, finishing and reinforcement. Cost to include using admixtures in recommended proportion (as per IS: 9103) to accelerate, retard setting of concrete & improve workability without impairing strength and durability as per directions of Engineer in Charge. M 25 grade reinforced cement concrete by using 410 Kg of cement per cum of concrete. all work upto floor V level - Providing M-20 grade concrete instead of M-25 grade .

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
100	Centring and shuttering including strutting, propping etc. and removal of form for Foundations, footings, pile caps,bases of columns etc. for mass concrete.	Square meter	87.476			
110	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete - thermo-mechanically treated bars.	Kilogram	614.253			
120	Centring and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers.	Square meter	10.445			
130	CEMENT CONCRETE FLOORING : 65 mm thick cement concrete floor consisting of 50 mm under layer cement concrete in prop 1:3:6 (1 cement : 3 sand :6 coarse agg. Of 25 mm down) and 15 mm thick wearing layer in cement concrete in prop 1:1:2 (1 cement : 1 sand :2 coarse agg. Of 10 mm down) laid in panels and finished with a floating coat of neat	Square meter	42.264			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

cement finish (using cement slurry for bond @ 2.75 kg per sqmt of floor area) including curing etc.complete as directed.

140 Quintal 3.916

Structural steel work in single sections including cutting, hoisting fixing, in position and applying a priming coat of red lead paint including drilling holes, supplying ,fitting and fixing with bolts and nuts or welding , if necessary as directed in MS angles, chnnels,tees etc.

150 Metric Tonnes 0.713

Providing welding ,fitting, hoisting and fixing of roof trusses with purline bottom runner etc. fabricated out of a combination of two or all of following sections (i) square hollow section (ii) rectaguler hollow section and (iii) MS black tube conforming to relevant I.S code 1161-1968 asper aproved design and drawing including MS cleat base plate,bolts and nuts whichever required for fixing the cilling and one coat of red oxide zink chromate primer to all steel surface etc. complete as directed as per specification.

160 Square meter 39.015

Providing corrugated galvd. Iron sheet roofing of TATA Shaktee / SAIL including fitting and fixing necessary galvd. J

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

or L hooks, bolts and nuts 8mm dia with betumen washer 25 mm dia x 3 mm thick and 1.6 mm thick limpet washer complete excluding cost roof trusses and purlin etc. -c) 0.60mm thick

170

Running Meter

8.867

Providing galvd. Iron ridging of TATA Sakti / SAIL including supplying and fixing necessary galvd. Screws/washers etc. complete as directed (c) 0.60 mm thick (b) 230 mm lapping

Total net item value :

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

00030 Overhead water tank

The item covers the following services:

10	Earth work in excavation by mechanical (Hydraulic excavator) or manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m; disposed earth to be levelled and neatly dressed in all kinds of soil.	Cubic meter	25.365		
20	Carriage of materials by mechanical transport including loading, unloading and stacking Excavated earth,Lime, moorum, building rubbish etc beyond 50 m upto 3 Km	Cubic meter	6.341		
30	Earth work in filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth: consolidating each deposited layer by ramming and watering, lead upto 50m and lift upto 1.5m.	Cubic meter	13.999		

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
40	PLAIN CEMENT CONCRETE: Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work upto plinth level in 1:3:6 (1cement: 3coarse sand: 6graded stone aggregate 40mm nominal size).	Cubic meter	1.156			
50	REINFORCED CEMENT CONCRETE Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete (As per IS:456:2000) of specified grade for reinforced cement concrete work including pumping of concrete to site of laying but excluding the cost of centring, shuttering, finishing and reinforcement. Cost to include using admixtures in recommended proportion (as per IS: 9103) to accelerate, retard setting of concrete & improve workability without impairing strength and durability as per directions of Engineer in Charge. M 25 grade reinforced cement concrete by using 410 Kg of cement per cum of concrete. all work upto floor V level - providing M-20 grade concrete instead of M-25 grade .	Cubic meter	5.766			
60	Centring and shuttering including strutting, propping etc. and removal of form for foundations, footings, pile caps,bases of	Square meter	26.040			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

columns etc. for mass concrete.

70 Kilogram 493.348

Rreinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete -Thermo-mechanically treated bars.

80 Kilogram 932.485

Steel work welded in built up sections/ framed work including cutting , hoisting, fixing in position and applying a priming coat of aproved steel primer using structural steel etc. as required- in gratings, frames, guard bar, ladder, rallings, brackets, gates and similar works.

90 Square meter 15.520

Providing and laying 75 mm thick Brick soling under floor, wall in place on edge in required pattern with bricks of class designation 75 on a bed including filling joints with river sandcomplete

100 Square meter 4.000

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

18 mm thick cement plaster of mix 1:3 (1 cement : 3 fine sand)

Total net item value :

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

00040 Septic Tank

The item covers the following services:

10	Earth work in excavation by mechanical (Hydraulic excavator) or manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m; disposed earth to be levelled and neatly dressed in all kinds of soil	Cubic meter	21.630		
20	Carriage of materials by mechanical transport including loading, unloading and stacking excavated earth,Lime, moorum, building rubbish etc beyond 50 m upto 3 Km	Cubic meter	5.408		
30	Earth Work in filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth: consolidating each deposited layer by ramming and watering, lead upto 50m and lift upto 1.5m.	Cubic meter	3.467		

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
40	Supplying and filling in plinth with fine sand under floors including watering, ramming consolidating and dressing complete.	Cubic meter	1.387			
50	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work upto plinth level: in 1:3:6 (1cement: 3coarse sand: 6graded stone aggregate 40mm nominal size).	Cubic meter	1.215			
60	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete (As per IS:456:2000) of specified grade for reinforced cement concrete work including pumping of concrete to site of laying but excluding the cost of centring, shuttering, finishing and reinforcement. Cost to include using admixtures in recommended proportion (as per IS: 9103) to accelerate, retard setting of concrete & improve workability without impairing strength and durability as per directions of Engineer in Charge. M 25 grade reinforced cement concrete by using 410 Kg of cement per cum of concrete. all work upto floor V level - Providing M-20 grade concrete instead of M-25 grade .	Cubic meter	1.257			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
70	Centring and shuttering including strutting, propping etc. and removal of form for:Foundations, footings, pile caps,bases of columns etc. for mass concrete.	Square meter	1.536			
80	Centring and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform.	Square meter	9.725			
90	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete - thermo-mechanically treated bars.	Kilogram	79.559			
100	Brick work with FPS brick of class designation 75 in foundation and plinth in Cement mortar 1:4 (1 Cement : 4 Coarse sand)	Cubic meter	3.655			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
110	Providing and laying 75 mm thick Brick soling under floor, wall in place on edge in required pattern with bricks of class designation 75 on a bed including filling joints with river sand complete	Cubic meter	8.098			
120	20 mm thick plaster in two coats , backing coats 15 mm and finishing coats 5 mm thick on rough side of single or half walls for interior plastering up to 1st floor level including arises or rounded angles not exceding 80 mm girth and finished even and smooth including curing complete as directed 1:3 (1 cement : 3 fine sand)	Square meter	19.560			
130	Extra for providing and mixing water proofing materials in cement mortar in proportion as recommended by the manufacturer including curing complete as directed in cement mortar 1:3 - over 20mm thick cement plaster (1:3)	Square meter	19.560			
140	15 mm thick cement plaster in single coat on rough side of	Square meter	14.900			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

single or half brick wall for interior plastering up to 1st floor lvl including arises and curing complete as directed 1:4 (Icement: 4 fine sand).

150

Cubic meter

4.050

Constrution of filler bed in soak pit including earth work in excavation of soil and then filling up of the trench bricks/Charcoal covered with earth over a layer of A C plain sheet above brick bat filling complete as directed.

Total net item value :

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

00050 Sanitary & Plumbing works

The item covers the following services:

10	Providing and fixing white vitreous china water closet (European Style WC Pan , S Trap) of size 545 x 340 x 405 with seat and Lid, CP Brass hinges and rubber buffers,10 litres low level PVC flushing cistern (of approved make) with fittings , CI/ MS brackets, 40 mm flush band with fittings including painting of fittings bracketc, cutting and making good the walls wherever necessary - White	each	12.000		
20	Providing and fixing white vitreous china wash basin of size 630 x 450mm with CI/MS brackets, 32mm CP brass waste of standard pattern,CP brass chain with plug, PVC waste pipe, including painting of fittings and brackets, cutting and making good the walls wherever required.	each	1.000		
30	Providing Vitreous China Counter top Wash Basin of size 550 x 420 mm of Parryware Aquarius or equivalent make with32mm CP Brass waste Coupling of standard pattern, CP	each	10.000		

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

Brass Chain with rawl Plug, PVC waste Pipe including painting of Fittings and brackets, cutting and making good the walls and slabs wherever required in White Vitreous china counter top wash basin of size 550 x 420mm.

40 each 4.000

Providing and fixing vitreous china flat back type lipped front urinal basin of size 455 x 360 x 267 mm with automatic flushing cistern of similar colour and standard flush pipe and CP Brass spreader with brass unions, etc complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required For range of 2 Urinal basin with 5 litre Fkushing cistern.

50 each 1.000

Providing and fixing vitreous china flat back type lipped front urinal basin of size 455 x 360 x 267 mm with automatic flushing cistern of similar colour and standard flush pipe and CP Brass spreader with brass unions, etc complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required For range of 2 Urinal basin with 5 litre Fkushing cistern.

60 each 11.000

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
70	Providing fitting and fixing decorative mirror of Agmeco or approved make with CP frame of size © 600 x 900mm complete as directed.complete.	each	20.000			
80	Providing and fixing chrome plated soap dish of Marc make complete as specified	each	10.000			
90	Providing and fixing towel rail of Sona make complete as directed.(d)Size 750 mm long	each	8.000			
100	Providing fitting and Fixing 550mm Glass Shelf with CP Guard Rail of Jaguar Make to wall complete with 25mm long screw, rawl plug etc	each	10.000			
	Providing fitting and Fixing chrome plated (CP) towel ring of Jaguar Make complete as directed (a) Continental Accessories					

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
110	Providing and fixing C.P. pillar cock of 15mm dia of approved brand as specified and directed. (I) Sona Make (b) Heavy type	each	11.000			
120	Providing and fixing C.P. Sink cock of approved brand as specified and directed. (I) Sona Make (b) Sink cock J spout	each	1.000			
130	Providing and fixing C.P. brass long body bib cock with wall flange of approved quality conforming to IS : standards and weighing not less than 690 gms.15mm nominal bore (vii) (d) Two in One	each	13.000			
140	Supplying fitting and fixing Chrome Plated (C.P) health faucet Shower with 1 M PVC Flexible tube and ABS wall bracket of Agmeco make or as approved as directed and specified.	each	13.000			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
150	Providing and fixing C.P. Stop Cock of approved brand and size (ii) 15mm dia Angular Stop Cock 15mm nominal bore(Angular stop Cock)	each	23.000			
160	Providing and fixing Bottle Trap for Wash basin and urinal in Bottle trap J type with outlet pipe and wall flang of following size Ark Sona make for basin etc complete as directed. 25mm minimum water seal, weighing not less than 260gms. (b) 40mm Dia	each	15.000			
170	Providing fitting and fixing PVC pipes of 6 kgf/cm2 or other ISI approved including joining, fitting and fixing with clamps etc as necessary complete at all levels including below GL as directed- Concealed by chiselling... - 110mm Dia	Meter	60.000			
180	Providing fitting and fixing PVC pipes of 6 kgf/cm2 or other ISI approved including joining, fitting and fixing with clamps etc as necessary complete at all levels including below GL as directed- Concealed - 75 mm dia.	Meter	120.000			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
190	Providing fitting and fixing 87.5 degree PVC bend including joining, fitting and fixing with clamps etc as necessary complete at all levels including below GL as directed- Concelaed by chiseling... - 110mm Dia	each	18.000			
200	Providing fitting and fixing 87.5 degree PVC bend including joining, fitting and fixing with clamps etc as necessary complete at all levels including below GL - Concealed - 75 mm dia.	each	36.000			
210	Providing fitting and fixing 45degree PVC bend including joining, fitting and fixing with clamps etc as necessary complete at all levels including below GL- Concelaed - 110mm Dia	each	18.000			
220	Providing fitting and fixing 45degree PVC bend including	each	36.000			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
	joining, fitting and fixing with clamps etc as necessary complete at all levels including below GL-Concealed - 75 mm dia.					
230	Providing fitting and fixing PVC plain single tee of approved ISI make including joining, fitting and fixing with clamps etc as necessary complete at all levels including below GL-Concealed - 110mm Dia	each	18.000			
240	Providing fitting and fixing PVC plain single tee of approved ISI make including joining, fitting and fixing with clamps etc as necessary complete at all levels including below GL-Concealed - 75 mm dia.	each	36.000			
250	Supplying , fitting and fixing PVC coupler of ISI approved brand, including joining, fitting and fixing etc as necessary complete at all levels including below Ground- Concealed - 110mm Dia	each	20.000			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
260	Supplying , fitting and fixing PVC coupler of ISI approved brand, including joining, fitting and fixing etc as necessary complete at all levels including below Groud-Concealed - 75 mm dia.	each	40.000			
270	Supplying , fitting and fixing PVC cowl with cement caulking, joining, fitting and fixing etc as necessary complete at all levels in Concelaed - 110mm Dia	each	4.000			
280	Supplying , fitting and fixing PVC cowl with cement caulking, joining, fitting and fixing etc as necessary complete at all levels in Concealed - 75 mm dia.	each	8.000			
290	Supplying , fitting and fixing PVC Nahani Trap, joining, fitting and fixing etc as necessary complete at all levels . As directed.- 110mm dia	each	17.000			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
300	Providing and fixing G.I. pipes complete with G.I. fittings such as bend, tee, elbow, reducer, nipple, plug, long screw fitting, HW calmps etc. complete at all levels including below GL., (ii) Concelaed by chiselling etc and making good the damages. Using TATA Medium 25mm dia. Nominal bore	Meter	40.000			
310	Providing and fixing G.I. pipes complete with G.I. fittings such as bend, tee, elbow, reducer, nipple, plug, long screw fitting, HW calmps etc. complete at all levels including below GL., (ii) Concelaed by chiselling etc and making good the damages. Using TATA Medium 15mm dia. Nominal bore	Meter	120.000			
320	Providing and fixing gun metal country pit valve (full way valve) ISI marked as specified-15mm dia. Nominal bore	each	11.000			
330	Construction of Inspection Pit inside mesurement 450 x 450 x 450 mm flush with 110 mm diameter PVC pipes and cement concrete base in proportion 1:3:6 over flat brick soling, 12cm thick brick wall in cement mortar in propo 1:4 finished with	each	9.000			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
340	13mm cement plaster in proportion 1:2 in side walls and floor . 450 x 450 air tight C.I inspection pit cover and frame complete supply of material and necessary excavation of pit etc.	each	10.000			
	Providing and fixing square mouth S.W. gully trap grade 'A' complete with C.I. Grating brick masonry chamber with bricks of class designation 75 and water tight C.I. Cover with frame of 300x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design with F.P.S. bricks - 180x150 mm size P type					
350	Excavating trenches of required width for pipes etc. Including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5M including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cms in depth including consolidating each deposited layer by ramming, watering, etc. And disposing of surplus excavated soil as directed within a lead of 50 m All kind of soil for Pipes cable etc. exceeding 30mm dia but not exceeding 80mm dia.	Cubic meter	200.000			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

360 Meter 200.000

Providing and fixing G.I. pipes complete with G.I. fittings such as bend, tee, elbow, reducer, nipple, plug, long screw fitting, HW calmps etc. complete at all levels including below GL., (ii) Concelaed by chiselling etc and making good the damages. Using TATA Medium 32mm dia. Nominal bore

370 each 2.000

Providing and fitting and placing in position plastic cylindrical verticle closed top PCVC tank of approved make over the staging with manhole cover with locking and cleaning arrangement including providing pads of size as required for inlet an outlet pipes complete -2000 ltr capacity (a) Sintex make

380 each 2.000

Labour for erecting and placing PCVC tank over the staging of 5.00 mtr up to 8.00 mtr complete. (a) 2000 ltr capacity

Total net item value :

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

00060 Parking shed II

The item covers the following services:

10	Earth work in excavation by mechanical (Hydraulic excavator) or manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m; disposed earth to be levelled and neatly dressd All kinds of soil.	Cubic meter	30.100		
20	Carriage of materials by mechanical transport including loading, unloading and stacking Excavated earth,Lime, moorum, building rubbish etc beyond 50 m upto 3 Km	Cubic meter	7.525		
30	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth: consolidating each deposited layer by ramming and watering, lead upto 50m and lift upto 1.5m.	Cubic meter	19.812		

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
40	Supplying and filling in plinth with fine sand under floors including watering, ramming consolidating and dressing complete.	Cubic meter	7.925			
50	Providing and laying 75 mm thick Brick soling under floor, wall in place on edge in required pattern with bricks of class designation 75 on a bed including filling joints with river sand complete	Square meter	82.694			
60	Providing and laying SOLING 300 mm thick (compacted thickness using boulders of approved quality, as close as possible,,hand packing with stone chippings to fill the voids, laying murrum, ramming, watering, well consolidating with 10 MT roller complete.	Cubic meter	2.304			
70	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work upto plinth level:1:3:6 (1cement: 3coarse sand: 6graded stone	Cubic meter	1.118			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

aggregate 40mm nominal size).

80

Cubic meter

7.125

PLAIN CEMENT CONCRETE in 65 mm thick cement concrete floor consisting of 50 mm under layer cement concrete in prop 1:3:6 (1 cement : 3 sand :6 coarse agg. Of 25 mm down) and 15 mm thick wearing layer in cement concrete in prop 1:1:2 (1 cement : 1 sand :2 coarse agg. Of 10 mm down) laid in panels and finished with a floating coat of neat cement finish (using cement slurry for bond @ 2.75 kg per sqmt of floor area) including curing etc.complete as directed.

90

Cubic meter

4.755

Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete (As per IS:456:2000) of specified grade for reinforced cement concrete work including pumping of concrete to site of laying but excluding the cost of centring, shuttering, finishing and reinforcement. Cost to include using admixtures in recommended proportion (as per IS: 9103) to accelerate, retard setting of concrete & improve workability without impairing strength and durability as per directions of Engineer in Charge. M 25 grade reinforced cement concrete by using 410 Kg of cement per cum of concrete. all work upto floor V level - Providing M-20 grade concrete instead of M-25 grade .

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
100	Centring and shuttering including strutting, propping etc. and removal of form for:Foundations, footings, pile caps,bases of columns etc. for mass concrete.	Square meter	6.300			
110	Centring and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers.	Square meter	9.000			
120	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete -Thermo-mechanically treated bars.	Kilogram	540.446			
130	Structural steel work in single sections including cutting, hoisting fixing, in position and applying a priming coat of red lead paint including drilling holes, supplying ,fitting and fixing with bolts and nuts or welding , if necesssary In MS angles, chnnels,tees etc.	Quintal	2.167			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
140	Providing welding ,fitting, hoisting and fixing of roof trusses with purline bottom runner etc. fabricated out of a combination of two or all of following sections (i) square hollow section (ii) rectaguler hollow section and (iii) MS black tube conforming to relevant I.S code 1161-1968 asper aproved design and drawing including MS cleat base plate,bolts and nuts whichever required for fixing the cilling and one coat of red oxide zink chromate primer to all steel surface etc. complete as directed as per specification.	Metric Tonnes	0.938			
150	Providing corrugated galvd. Iron sheet roofing of TATA Shaktee / SAIL including fitting and fixing necessary galvd. J or L hooks, bolts and nuts 8mm dia with betumen washer 25 mm dia x 3 mm thick and 1.6 mm thick limpet washer complete excluding cost roof trusses and purlin etc. - 0.60mm thick	Square meter	52.728			
160	Providing galvd. Iron ridging of TATA Sakti / SAIL including supplying and fixing necessary galvd. Screws/washers etc. complete - (c) 0.60 mm thick (b) 230 mm lapping	Running Meter	11.500			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

170

Square meter

60.840

Providing Endura tiles of approved quality size, shape & thickness not less than 9-10mm on floor over cement mortar 15mm thick in prop. 1:3 (1cement:3coarse sand) including cutting where necessary finished with flush pointing with white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Cement plastering will be measured and paid seperately). (The contractor will have to use the tile approved by the Department. Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department). - a) 300mm X 300mm - White cement

Total net item value :

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

00070 Parking shed I

The item covers the following services:

10	Earth work in excavation by mechanical (Hydraulic excavator) or manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m; disposed earth to be levelled and neatly dressed.All kinds of soil.	Cubic meter	40.556		
20	Carriage of materials by mechanical transport including loading, unloading and stacking Excavated earth,Lime, moorum, building rubbish etc beyond 50 m upto 3 Km	Cubic meter	10.139		
30	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth: consolidating each deposited layer by ramming and watering, lead upto 50m and lift upto 1.5m.	Cubic meter	26.719		

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
40	Supplying and filling in plinth with fine sand under floors including watering, ramming consolidating and dressing complete.	Cubic meter	10.687			
50	Providing and laying SOLING 300 mm thick (compacted thickness using boulders of approved quality, as close as possible,,hand packing with stone chippings to fill the voids, laying murrum, ramming, watering, well consolidating with 10 MT roller complete.	Cubic meter	3.468			
60	Providing and laying 75 mm thick Brick soling under floor, wall in place on edge in required pattern with bricks of class designation 75 on a bed including filling joints with river sandcomplete	Square meter	117.529			
70	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work upto plinth level:1:3:6 (1cement: 3coarse sand: 6graded stone	Cubic meter	1.546			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

aggregate 40mm nominal size).

80 Cubic meter 10.118

PLAIN CEMENT CONCRETE in 65 mm thick cement concrete floor consisting of 50 mm under layer cement concrete in prop 1:3:6 (1 cement : 3 sand :6 coarse agg. Of 25 mm down) and 15 mm thick wearing layer in cement concrete in prop 1:1:2 (1 cement : 1 sand :2 coarse agg. Of 10 mm down) laid in panels and finished with a floating coat of neat cement finish (using cement slurry for bond @ 2.75 kg per sqmt of floor area) including curing etc.complete as directed.

90 Cubic meter 6.497

Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete (As per IS:456:2000) of specified grade for reinforced cement concrete work including pumping of concrete to site of laying but excluding the cost of centring, shuttering, finishing and reinforcement. Cost to include using admixtures in recommended proportion (as per IS: 9103) to accelerate, retard setting of concrete & improve workability without impairing strength and durability as per directions of Engineer in Charge. M 25 grade reinforced cement concrete by using 410 Kg of cement per cum of concrete. all work upto floor V level -Providing M-20 grade concrete instead of M-25 grade .

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
100	Centring and shuttering including strutting, propping etc. and removal of form for: Foundations, footings, pile caps, bases of columns etc. for mass concrete.	Square meter	6.300			
110	Centring and shuttering including strutting, propping etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers.	Square meter	13.410			
120	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Thermo-mechanically treated bars.	Kilogram	641.253			
130	Structural steel work in single sections including cutting, hoisting fixing, in position and applying a priming coat of red lead paint including drilling holes, supplying, fitting and fixing with bolts and nuts or welding, if necessary as directed-In MS angles, chnnels, tees etc	Quintal	2.889			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
140	Providing welding ,fitting, hoisting and fixing of roof trusses with purline bottom runner etc. fabricated out of a combination of two or all of following sections (i) square hollow section (ii) rectaguler hollow section and (iii) MS black tube conforming to relevant I.S code 1161-1968 asper aproved design and drawing including MS cleat base plate,bolts and nuts whichever required for fixing the cilling and one coat of red oxide zink chromate primer to all steel surface etc. complete as directed as per specification.	Metric Tonnes	1.568			
150	Providing corrugated galvd. Iron sheet roofing of TATA Shaktee / SAIL including fitting and fixing necessary galvd. J or L hooks, bolts and nuts 8mm dia with betumen washer 25 mm dia x 3 mm thick and 1.6 mm thick limpet washer complete excluding cost roof trusses and purlin etc. - 0.60mm thick	Square meter	326.354			
160	Providing galvd. Iron ridging of TATA Sakti / SAIL including supplying and fixing necessary galvd. Screws/washers etc. complete as directed-(c) 0.60 mm thick (b) 230 mm lapping	Running Meter	17.100			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

170

Square meter

87.460

Providing Endura tiles of approved quality size, shape & thickness not less than 9-10mm on floor over cement mortar 15mm thick in prop. 1:3 (1cement:3coarse sand) including cutting where necessary finished with flush pointing with white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Cement plastering will be measured and paid seperately). (The contractor will have to use the tile approved by the Department. Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department).- 300mm x 300mm - White cement

Total net item value :

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

00080 Interior partition

The item covers the following services:

10	Providing and Fixing Gypsum Board Partition walls with GI Frames and 12mm thk Gypsum Board on both sides of 75mm size GI Frames at 600mm C/C at verticle Spacing and Maximum 1200 mm Horizontal Spacing as per design, including making provision for Door Cutouts-Type A Upto False Ceiling Height 2700mm from FFL	Square meter	263.820		
20	Providing and Fixing Gypsum Board Partition walls with GI Frames and 12mm thk Gypsum Board on both sides of 75mm size GI Frames at 600mm C/C at verticle Spacing and Maximum 1200 mm Horizontal Spacing as per design, including making provision for Door Cutouts-Type B Upto 1200mm from FFL	Square meter	20.520		
30	Providing and Fixing Veneered Finish Partition with Well Seasoned Sal Wood Framing and 12mm Ply on both sides with Venner Pasting for finish. Complete with Varnishing to give	Square meter	20.520		

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
	and even finish-Type C Upto False Ceiling Height 2700mm from FFL					
40		Running Meter	29.000			
	Extra for Providing and Fixing Wood Work in Margin work over Type B type Partition -Teak Wood Margin 110x 55mm					
50		Running Meter	123.000			
	Providing anf fixing Teak Wood Chowkath of size 100 x 75 with rebate cut for Door Fixing. Complete fixed to GI Partition Channel with necessary screws and Rawl Plugs.					
60		Square meter	52.000			
	Providing and Fixing ISI marked Flush Door shutters conforming to IS:2202 non decorative type , core of block board construction with frame of first class hard wood and well matched commercial 3ply veenering with verticle or cross bands and face veener of both sides of shutter. 35mm thick including ISI marked stainless steel butt hinges 4 nos with necessary screws					
70		Square meter	52.000			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
80	Extra for Providing and Fixing Laminate 1.0mm thk on both sides of Flush door with Adhesives.	each	26.000			
90	Supply, fitting & fixing of Mortice lock cylindrical type (cast brass)	Square meter	570.000			
100	Providing 2 coats of Birla White Wall Care Putty (water-resistant white cement based putty for concrete/ mortar walls & ceiling both internal & 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)	Square meter	570.000			
	Applying one coat of cement primer of approved brand and manufacturer on new wall surfaces after thorouly broming the surface free from mortar droopings and other foreign matter and including preparing the surface even and sand papered smooth	Square meter	570.000			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
110	Wall painting (two coats) with acrylic emulsion paint approved brand and manufacture (Asian paint/ Berger paint/ J&N paint/ Nerolac) on new surface to give an even shade after thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth	Square meter	570.000			
120	Providing and fixing 5mm Thk Glass in cutouts of partition as per Design	Square meter	14.400			
130	Providing and Fixing Teak Wood Margin for Glass Fixing , size 60x 25	Running Meter	48.000			
140	Polishing with French Spirit Polish on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth including a coat of wood Filler	Square meter	36.780			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

Total net item value :

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

00090 Architectural Works

The item covers the following services:

10	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size).	Square meter	41.860		
20	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement-All work up to plinth level:1:1.5:3 (1cement: 1.5 coarse sand: 3 graded stone aggregate 20mm nominal size)	Cubic meter	4.875		
30	Providing form work of ordinary timber planking so as to give rough finish including centering ,shuttering, strutting and propping etc. , height of propping and centering below supporting floor to cilling not eceeding 4.0 mtr and removal of the same for in-situ reinforced concrete and plain concrete work in: Suspended floors, roofs, landings, balconies and access platform.	Square meter	7.800		

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
40	Providing form work of ordinary timber planking so as to give rough finish including centering ,shuttering, strutting and propping etc. , height of propping and centering below supporting floor to cilling not eceeding 4.0 mtr and removal of the same for in-situ reinforced concrete and plain concrete work in: Lintels, beams, plinth beams, girders, bressumers and cantilevers.	Square meter	182.400			
50	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 blackwire and placing in position with proper blocks, supports, chairs, spacers etc. complete (upto 1st floor level)Thermo-mechanically treated bars.	Quintal	15.134			
60	Half brick masonry with FPS bricks of class designation 75 in superstructure above plinth level up to floor V level:Cement mortar 1:4 (1cement: 4 coarse sand).	Square meter	416.700			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
70	Providing wood work in frames of doors, windows, clerestory windows, Jali Shutters and other frames, wrought, framed and fixed in position: Sal wood	Cubic meter	1.510			
80	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 IS Code including oxidised iron butt hinges (100 mm x 75 mm x 3.5 mm) 6 nos with necessary wood screws: Non Decorative type face panel and block board core , 40 mm thick	Square meter	44.420			
90	Extra for providing lipping with second class teak wood battens 25 mm minimum depth on all edges of shutters (overall area of Door shutter measured)	Square meter	44.420			
100	Extra for providing and fixing 1.0mm thk Laminate on Both sides of Flush Door of approved Shade and make.	Square meter	44.420			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
110	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. (Colour Coated - anodised to approved Shade):Sliding Door Bolt-300mm x 16mm	each	7.000			
120	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. (Colour Coated - anodised to approved Shade):Tower Bolt (iii)200x12mm.	each	50.000			
130	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. (Colour Coated - anodised to approved Shade):Door handle 150mm.	each	50.000			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
140	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. (Colour Coated - anodised to approved Shade):Hydraulic aluminium alloy door closure size no.1	each	16.000			
150	Supplying, fitting, fixing brass 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 C.P. brass screws etc. complete (bright natural matt & satin finished)-Mortice lock cylindrical type (cast brass) -Cast Brass	each	16.000			
160	Providing, fitting and fixing Coloured Anodised Aluminium sliding windows and ventilators of standard sections without horizontal glazing bars, joints mitred and welded and providing and fixing handles, angle cleat, rubber gasket, bolting device, locking arrangement, screws etc. as required complete as specified and directed for all levels. Aluminum	Square meter	111.196			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

sections will be of Min 1.5mm thickness :a) 2 track sliding window-i) 5mm clear glass and Aluminum sections - 1.5mm thick

170

each

9.000

Supplying, fitting, fixing brass 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 C.P. brass screws etc. complete. (anodised to bright natural matt and satin finished.):Door Stoppersdouble cast brass complete.1 nos per Door

180

Square meter

933.804

Providing fitting and fixing of 600 x 600 x 15mm Lloyd USG Radar Clima Plus or equivalent mineral fibre Acoustic panel (square edged type) laid on special galvanised pre-coated grid system standard 24mm wide grid system comprising of main tees and cross tees @ 600mm c/c bothways with suspension holes located at every 52mm distance and suspended 4mm dia galvanised wire. The suspenders shall be placed at 600 mm c/c of required lengths . The edge of ceiling panels will rest on L shaped galvanised & protected wall angle of 15mm width including making opening for ducts, recess etc for electrical fittings fans etc.

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
190	Supplying fitting, fixing and painting where necessary (one coat primer and two coat of paint) M/F suspended ceiling which includes GI perimeter channel of size 0.55mm thick and with ceiling angle of width 5mm x 10mm x 0.5mm fixed to soffit and ceiling sections of 0.55mm thickness having knurled web of 51.5mm and two equal flanges of 26mm each with lips of 10.5mm fixed to intermediate channel and with Gypboard False ceiling (light Duty moisture resistant board conforming to IS:2095-1982) (ii) 12.5mm MRB	Square meter	45.170			
200	15 mm thick cement plaster in single coat on rough side of single or half brick wall for interior plastering up to 1st floor lvl including arises and curing complete as directed:1:4 (1cement: 4 fine sand).	Square meter	245.000			
210	20 mm thick plaster in two coats , backing coats 15 mm and finishing coats 5 mm thick on rough side of single or half walls for interior plastering up to 1st floor level including arises or rounded angles not exceding 80 mm girth and finished even and smooth including curing complete as directed :1:3 (1 cement : 3 fine sand)	Square meter	222.000			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
220	Providing Fitting and fixing Aluminum Structural Glazing with Aluminum main frame of size 44.45 x 50 mm size and 20 x 20 mm subframe size and 5mm reflective glass (green tint) and glass pasted with structural silicone adhesives and weather seal silicone and necessary accessories to give an even surface on the outside.	Square meter	474.000			
230	Extra for providing and Fixing Door in ground floor with Top Rail and Bottom Rail of Aluminum and 12mm Glass including Stainless Steel Handle of 300mm long . Aluminum of matching colour as structural Glazing. Complete wit 2 nos of Floor Springs of Approved make.	Square meter	4.200			
240	Neat cement punning	Square meter	1,314.959			
250	Providing 2 coats of Birla White Wall Care Putty (water-resistant white cement based putty for concrete/ mortar walls & ceiling both internal & external) after removing all	Square meter	467.000			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

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)

260 Square meter 467.000

Applying one coat of cement primer of approved brand and manufacturer on new wall surfaces after thoroughly brooming the surface free from mortar droopings and other foreign matter and including preparing the surface even and sand papered smooth

270 Square meter 245.000

Wall painting (two coats) with acrylic emulsion paint approved brand and manufacture (Asian paint/ Berger paint/ J&N paint/ Nerolac) on new surface to give an even shade after thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth-a) Acrylic emulsion paint of approved brand & manufacture (Asian paint/ Berger paint/ ICI paint/ J&N paint/ Nerolac)

280 Square meter 245.000

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
290	Extra for every subsequent coat of wall painting (beyond two coats) with acrylic emulsion paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J&N paint/ Nerolac)	Square meter	222.000			
300	Finishing wall with two coats of Acrylic Emulsion exterior coatings of Unicem "Rakshak" brand of required shade by thinning 1 Ltr of paint with 750ml of water to give an even shade after thoroughly brooming the surface to remove all dirt and remains of loose powdered materials as specified and directed by the department.	Square meter	25.095			
310	Polishing with French Spirit Polish on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth including a coat of wood Filler	Square meter	62.043			
	Providing and laying Ceramic Glazed Floor Tiles 300 x 300 mm (min 8mm Thickness) of 1st Quality conforming to IS:15622 of approved make in all colours, shades except white, ivory, grey, Fume red brown, laid on 20mm bed of					

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
	<p>cement mortar 1:4 (1 cement : 4 Sand) including pointing the joints with white cement and matching pigments etc complete- © Antiskid Prints - White cement</p>					
320	<p>Providing fixing/ applying Water Proofing in Bathroom Floors with DR FIXIT PIDIFIN 2K two component flexible acrylic polymers modified cement based water proof coating as directed</p>	Square meter	62.040			
330	<p>Providing Full body Vitrified tiles of approved quality size , shape and thickness not less than 8mm on floors, wall, skirtings and treads of steps over cement 15 mm thick in prop. 1:3 (1cement : 3 coarse sand) including cutting where necessary finished with flush pointing with fix-A- Tile . White cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed -With white cement, 600 x 600 mm</p>	Square meter	388.740			
340	<p>Providing and fixing polished granite slab of approved quality , size, shap and thickness not less than 20 mm on floors, skirting , treads and risers of steps over cement mortar bed 15</p>	Square meter	97.920			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
	mm thick in proportion 1:3 (1 cement : 3 Coarse Sand)including cutting if necessary at all levels as specified and directed. (ii) with white cement					
350	Providing and fixing 18mm thick gang saw cut mirror polished machine cut for Vanity counter with approved shade of Granite laid over 20mm thick base cement mortar 1:4 with joints treated with white cement , mixed with matching pigment, including rubbing , curing, moulding and polishing to edge to give a high gloss finish -With White Cement	Square meter	20.100			
360	Extra for providing opening of required size and shape for wash basin/ Kitchen sink on Granite	each	8.000			
370	Providing and fixing Granite Stone slab table rubbed, edges rounded and polished of size 75 x 60 cm deep and 1.8 cm thick fixed in urinal partition by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 as per direction of Engineer in Chareg and finished smooth .	Square meter	1.800			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	
380	Providing and Fixing Laminated Wooden Particle board Flooring of 8mm thickness and 5 mm foam underlayer and damproof plastic sheet below including cleaning of base and complete with matching Skirting profile etc. Make UNITEX or equivalent	Square meter	433.120			
390	20 mm thick Marble slab flooring of size 1500 x 300 mm and above including risers and treads of steps, skirting laid over 20mm thick base of cement plaster 1:6 and jointed with grey cement slurry including rubbing and polishing complete with marble tiles of specified quality and shade at all levels-Dungri marble	Square meter	40.100			
400	Providing and fixing 1st Quality ceramic Glazed Ceramic tiles conforming to IS :15622 (Min 6mm thick) of approved material in all colours shades except burgundy, bottle green, black or any size as approved in engineer in Charge in skirting riser of steps and dado on a bed of 12 mm thick cement plaster in proportion 1:3 and jointed flush with white cement slurry mixed with pigment of matching shade complete-With coloured/printed design / glazed	Square meter	155.967			

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

410 Square meter 659.000

Pre construction anti-termite treatment with aqueous emulsion having concentration 1:19 with chloropiropose solution (trichel or equivalent) and water. This provides emulsion containing 1% chloropiropose solution (by weight) applying in the entire levelled area after plinth filling and before laying floor, trichel solution @ 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.

420 Square meter 205.670

Providing Endura tiles of approved quality size, shape & thickness not less than 9-10mm on floor over cement mortar 15mm thick in prop. 1:3 (1cement:3coarse sand) including cutting where necessary finished with flush pointing with white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Cement plastering will be measured and paid separately). (The contractor will have to use the tile approved by the Department. Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department). approved brand H &R Jhonson. Endura Range-a) Vitrified Paving Tile 300mm X 300mm-White cement

Item Ref.	Description	Unit	Qty	Rate in		Amount
				Figures	Words	

Total net item value :

Total :

Percentage rebate(if any) in words :

Percentage :

Less Rebate :

Grand Total in Words :

Grand Total :

Signature :

Name :

Address of the :

Contractor :

Place :

Date :