PRICE BID Name of Work: Extension of (Four rooms) IB at 132KV Nalkata GSS, North Lakhimpur

SI No.	Item Description	Quantity	Unit	Rate(Rs)	Amount (Rs)
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in- charge.				
	2.6.1 All kinds of soil	16.59	Cum		
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
2	4.1.5 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	0.384	Cum		
3	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
	5.22.6 Thermo-Mechanically Treated bars of grade Fe-500D or more.	815.68	Kg		
4	Centering and shuttering including strutting, propping etc. and removal of form for 5.9.1 Foundations, footings, bases of columns, etc. for mass concrete	160.8	Sqm		
5	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 : 5.1.2 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size de rived from natural sources)	6.208	Cum		
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:		Cum		
7	 6.1.1 Cement mortar 1:4 (1 cement : 4 coarse sand) 15 mm cement plaster on the rough side of single or half brick wall of mix : 13.2.1 1:4 (1 cement: 4 fine sand) 	8.72 18.1	Cum Sqm		
8	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	46.68	Cum		
9	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : 6.12.1 Cement mortar 1:3 (1 cement : 3 coarse sand)	93.36	Sqm		
10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :	55.50			

TU	4.1.5 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	4.668	Cum	
11	Precast terrazo tiles 22 mm thick with graded marble chips of size upto 12 mm, laid in floors, and landings, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement:4 coarse sand) :			
	11.16.1 Light shade pigment using white cement	140.16	Sqm	
12	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) :			
	6.3.2 With Modular bricks	38.22	Cum	
13	12 mm cement plaster of mix : 13.1.1 1:4 (1 cement: 4 fine sand)	316.54	Sqm	
14	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	249.2	Sqm	

15 specifications including appropriate priming cost, preparation of surface, etc. complete. 316.54 Sqm 13.52.2 On concrete work 316.54 Sqm 16 and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). 0.567 Cum 9.1.3 Klin seasoned and chemically treated hollock wood 0.567 Cum Providing and fixing panelled or panelled and glazed shutters for doors, windows, fixing with but thinges of required size with necessary screws, excluding panelling which will be paid for separately. 0.567 Cum 17 be paid separately. 26.95 Sqm Sqm 18 wood / ply surface @ 3.5 sqm per litre per coat including preparation of base surface as per recommendations of manufacturer to make the surface fire retardant. 130.81 Sqm 19 stainless steel screw setc. 9.3.2 Klin seasoned and chemically treated hollock wood 0.8224 Cum 10 stainless steel screw setc. 130.81 Sqm Sqm 19 stainless steel screw setc. 132.2 Klin seasoned and chemically treated hollock wood 0.8224 Cum 10 stainless steel screw setc. 9.3.2 Klin seasoned and chemically t					
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Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete.		10.16.1 Hot finished welded type tubes			
23 bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete.		50 mm dia pipe of 4.47mm thickness @ 6.17 kg/m	2480.535	Kg	
		Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks,			
12.4.2 0.62 mm thick with zine costing not loss than 275 gm/m^2	23	bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete.			
1 22.9 I VIETE I I 22.5 I VIETE I I I 22.5 I VIETE I I I 22.5 I VIETE I I I I 22.5 I VIETE I I I I I I I I I I I I I I I I I I		12.4.2 0.63 mm thick with zinc coating not less than 275 gm/m ²	22.6	Meter	

	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of			
24	sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.			
	12.1.3 0.63 mm thick with zinc coating not less than 275 gm/ m ²	154.88	Sqm	
25	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete.			
	10.29.1 Galvanised M.S. Wire gauze with 0.63 mm dia wire and 1.4 mm aperture on both sides	57	Sqm	
	SANITARY			
26	Supplying and placing ferrocement septic tanks of rectangular shape in to pit with manhole cover with cleaning arrangement over single brick flat soling and 75mm 1:3:6 P.C.C. Baffle wall, inlet and outlet etc are provided at suitable points complete as directed.	1	Each	
27	Providing fitting and fixing vitreous china flat back type lipped front urinal basin with standard flush pipe and CP brass spreader andbrass unions, etc. complete including painting of fittings and brackets, cutting and making good the walls & floors wherever required.			
	(A) Parryware Make (a) White (iii) Niagara (Cat. No. C0504)	3	Each	
28	(iii) Niagara (Cat. No.C0504) Prividing and fixing CPVC pipes having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipes with clamps at 1 meter spacing. This includes jointing of pipes	3	Each	
	c) 25 mm nominal outer dia pipe	20	Each	
	a) 15 mm nominal outer dia pipe	15	Each	
29	Providing, fitting and fixing CP soap tray / soap dish complete as directed and specified. (i) Jaquar Make (a) Continental (Cat.No.ACN-1331N)	3	Each	
30	Providing, fitting and fixing CP towel rail complete as directed and specified. (a) Jaquar make			
31	 (ii) Continental 600mm (Cat.No. ACN-1111N) Supplying, fitting and fixing PVC pipes of 6 Kg/cm2 (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. 	3	Each	
	a) In exposed surfaces or in trenches. (ii) 110mm dia.	8	Each	

	(iv) 75mm dia.	8	Each	
	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.			
32				
	a) In exposed surfaces or in trenches.			
	(ii) 110mm dia.	7	Each	
	Supplying fiting and fixing PVC reducer of (Supreme/Prince) or other ISI approved including joining, fitting			
33	and fixing etc. as necessary complete at all levels including below G.L. as directed and specified.			
55	a) In exposed surfaces or in trenches.			
	(iv) 110 mm x 75mm	5	Each	
	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and			
	lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device			
34	(handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making			
	good the walls and floors wherever required :			
	17.2.1 W.C. pan with ISI marked white solid plastic seat and lid	3	Each	
	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of			
35	standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever			
	require:			
	17.7.1 White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	3	Each	
	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic			
36	moulded frame of approved make and shade with 6 mm thick hard board backing :			
	17.32.3 Oval shape 450x350 mm (outer dimensions)	3	Each	
37	Providing and fixing brass bib cock of approved quality :			
57	18.15.1 15 mm nominal bore	6	Each	
	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :			
38	18.22.1 100 mm diameter	3	Each	
	ELECTRIFICATION	_		
	Supplying with installation testing and commissioning of Hi wall 4 STAR rating non ducted split type air			
39	conditioner of the following capacity with cordless remote complete with indoor and outdoor unit, copper			
	pipe and electrical connection as approved by the Deptt.)up to 5 m between the room unit and out door unit			
	as directed by the department.			
	29.1.1 1 Ton capacity			
	29.1.1.1 (Carrier make) Dura cool star	3	Each	

			1		1
	Supplying including fitting fixing of following star rated A.C. Ceiling fan complete with all accessories like				
40	down rod, canopy etc. of following sweeps with making necessary connection cable, as approved by the				
	Deptt.s etc. as required complete and as directed by the Department [Without regulator]. (ORIENT PSPO				
	make / Usha make/ CROMPTON make/ Havells/ ATC/ V GAURD make)				
	ECBC 1.1.1 Energy efficient 5-star 1200 mm sweep. ORIENT PSPO / Usha / CROMPTON / Havells/ ATC or				
	equivalent make	3	Each		
	Wiring for light/fan/call bell point with 2x1.5 sq. mm. P.V.C. insulated single core unsheathed industrial				
	(Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor				
	for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the				
	Deptt.) in surface/ recessed conduit wiring system with 20mm dia 2mm thick / heavy rigid PVC IS: 9537 Part -				
	III conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.)				
41	including 6 Amp flush type switch/ bell push (Anchor penta /Gold medal /Kolor kany.Kom/Havells or				
	equivalent make as approved by the Deptt.) GI/ MS switch board (ISI marked) with phenolic laminated sheet				
	cover ,ceiling rose (Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by				
	the Deptt.) etc. complete				
		3	Each		
	Wiring for 5/6 pin 16 Amps power plug point with 4 sq. mm. P.V.C. insulated single core unsheathed industrial				
	(Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor				
	for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the				
	Deptt.) in surface/ recessed ISI marked Steel conduit pipe 20 mm. dia. (AKG or equivalent as approved by the				
	Deptt.) wiring system including and fixing 5/6 pin 16 Amps flush type socket outlets and 16 Amps flush type				
42	switch (Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by the				
	Deptt.),GI/ MS switch board (I.S.I. marked) with phenolic laminated sheet cover earth continuity with 2.5 sq.				
	mm cable to the 3rd pin of the socket as required complete.				
	3.3.2 Medium point up to 6.00 metre. Length.	6	Each		
	Wiring for circuit wiring with P.V.C. insulated single core unsheathed industrial flexible cable conforming to IS-	-	-		
	694: 1990 with flexible bright annealed copper conductor for voltage grade up to 1100 volts (Finolex /RR				
43	Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) in surface/ recessed 2mm thick/ heavy				
	rigid PVC IS: 9537 Part - III conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as				
	approved by the Deptt.) wiring system.				
	5.1.2 With 3 x 1.5 sq. mm. cable in 20 mm dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.	45	Meter		
	Supplying and fixing of batten holder including 11 W CFL lamp and connection as approved by the Deptt.)as				
44	required.	12	Each		
			•	Total Rs.	