



OFFICE OF THE GUWAHATI MUNICIPAL CORPORATION
ENGINEERING WING:: DIVISION-IV:: FANCY BAZAAR MARKET COMPLEX


Name of Work: Improvement of Chatribari Land of GMC for various Proposed Project.

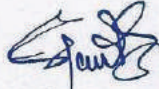
Estimated Amount: Rs 2,99,58,000.00

REPORT

This Estimate Amounting to Rs. 2,99,58,000.00 (Rupees Two Crore Ninety Nine Lakhs Fifty Eight Thousand) only has been prepared to show the probable cost for the work "Improvement of Chatribari Land of GMC for various Proposed Project, "under Division-iv, for the year 2020-2021. All the works are considered for better utilization of the land for some proposed project like owc, Bio-methanation Plant & MRF etc.

The estimate has been prepared as per the Schedule of rates for State Highways and Major District Roads for all Divisions under PWRD, Assam 2018-19, Building Shedule 2013-14 & Market Price.


15/12/2020
JTO/Asstt. Engineer
Div-IV, G.M.C.


15/12/2020
Executive Engineer
Div-IV, G.M.C.


ABSTRACT

**Name Of work = Improvement of Chatribari Land of GMC for various
Proposed Project.**

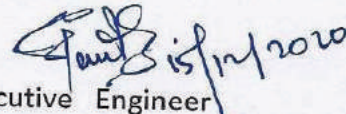
SI No	Item	Amount(Rs)	Remarks
1	CIVIL WORK	25447000.00	
2	Water Supply System	1226000.00	
3	Sanitary Work	430000.00	
4	Illumination	2855000.00	
		29958000.00	

(Rupees Two Crore Ninety Nine Lakhs Fifty Eight Thousand)only

Prepared By


JTO/ Asstt Engineer
Div-IV,G.M.C.

Checked By


Executive Engineer
Div-IV, G.M.C.

Approved By

Chief Engineer
Guwahati Municipal Corporation

ANNEXURE-A

Name Of work = Improvement of Chatribari Land of GMC for various Proposed Project.

Civil work := (Construction of Shade,internal road etc.)

SL NO	SOR	ITEM	unit	NO	L	B	H	QTY	RATE	AMOUNT
1	2.1	Cutting of Trees,including of Trunks,Branches and removal(Cutting of trees,including cutting of trunks.....pit.						100.00	225.00	22500.00
2		Sand filling in foundation trenches as per drawing and technical specification.	m3	1	60.00	15.00	0.30	270.00	1448.00	1657236.00
				1	170.00	11.00	0.30	561.00		
				1	95.00	11.00	0.30	313.50		
								1144.50		
3	4.1	(B) By Mix in Place Method (Construction of granular sub-base by providing close graded material, ... desired density, complete as per cl. 401, for all leads (Including cost of testing of materials at site and laboratory as directed by the deptt.).	m3	1	685.00	2.40	0.30	493.20	1570.00	774324.00
		(ii) For grading- II Material								
4	4.9	Water Bound Macadam (Providing, laying, spreading and compacting stone aggregates of specific sizes to water with vibratory roller 8-10 tonnes in stages tocoarse aggregate, watering and compacting to the reqd. density (For all lead.)		1	685.00	2.40	0.15	246.60	2749.00	677903.40

5	17.4	Block Pavement - Providing and Laying of Interlocking Concrete Block Pavement (ICBP) conforming to IS: 15658-2006 including all lead and liftas directed.(b)100mm thick interlocking precast blocks having compressive strength of 50N/sqmm.	m2	1	685.00	2.40		1644.0	1148.00	1887312.00	
		OWC Shed(110x7 & 60x7)									
6	12.1	Excavation for Structures (Earth work in excavation of foundation of structures as per drawing and technical removal of stumps bottom, backfilling the excavated earth to the extent required and utilising the remaining earth locally for road work.(Care Taker Shed)	m3	4	0.20	0.20	1.20	0.19	251.00	2,04,361.19	
				4	2.85	0.20	1.20	2.74			
				Post	148	2.00	1.20	1.20			426.24
				Beam	3	56.00	0.30	0.30			15.12
				Drain	1	685.00	0.60	0.90			369.90
											814.19
7	3.11	Removal of unserviceable Soil with Disposal upto 1000m: Removal of unserviceable soil including excavation, loading and disposal upto 1000m lead as per clause 305.(Care Taker Shed)	m3	4	0.20	0.20	1.20	0.19	86.00	70020.17	
				4	2.85	0.20	1.20	2.74			
				Post	148	2.00	1.20	1.20			426.24
				Beam	3	56.00	0.30	0.30			15.12

8	17.39	Drain	1	685.00	0.60	0.90	369.90	723.20	12,72,602.38	
							814.19			
			4	0.20	0.20		0.16			
			4	3.00	0.20		2.40			
		Floor	1	2.85	2.85		8.12			
		Post	148	1.00	1.00		148.00			
			1	685.00	0.60		411.00			
		Floor Shed	1	110.00	7.00		770.00			
			1	60.00	7.00		420.00			
							1759.68			
9	13.5(N) I/A	P.C.C 1:3:6 in Foundation(Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanical mixed, placed in foundation and compected by vibration including curring for 14 days.)(Care Taker Shed)	m3	4	0.20	0.20	0.075	0.01	6601.00	13,88,845.04
			4	2.85	0.20	0.10	0.23			
		Floor	1	2.85	2.85	0.08	0.61			
			3	1.00	1.00	0.08	0.23			
		Drain	1	685.00	0.60	0.08	30.83			
		Shed1	1	110.00	7.00	0.15	115.50			
		Shed2	1	60.00	7.00	0.15	63.00			
							210.40			

10	Supplying, fitting and placing TMT bar reinforcement in complete as per drawing and technical specifications.(Jali)	MT	2960	1.00	0.62		1835.20	74297.00	1625486.41	
	Post		888	8.20	0.89		6480.62			
			8091	1.00	0.39		3155.36			
	Tie Beam for shed 1		4	234.00	0.89		833.04			
			2340	0.90	0.39		821.34			
	Tie Beam for shed 2		4	134.00	0.89		477.04			
			1340	0.90	0.39		470.34			
	3 No roof Beam for		12	234.00	0.89		2499.12			
			7020	0.90	0.39		2464.02			
	3 No roof Beam for		12	134.00	0.89		1431.12			
			4020	0.90	0.39		1411.02			
							21878.22			
							21.88			
			3.2 PLYBOARD SHUTTERING (FORMWORK)		168	8.00	1.00			
	3.2.1 Providing form work of 12mm thick Plywood Board so as to give a rough finish including centering, shattering, s.....exceeding 4.0M and removal of the same for in situ reinforced concrete and plain concrete work in:	sqm	12	56.00	0.80		537.60			
11	(b) Floors etc. above 200mm in thickness.						1881.60			
12	13.5(N) Plain/Reinforced Cement Concrete, in sub structure complete as per drawing and technical specification and steel shuttering formwork	m3	148	0.50	1.00	2.00	148.00	7505.00	1716055.78	
			RCC Grade M20	148	6.00	0.25	0.25			55.50
			Case I : Using Concrete Mixer.(Tie Beam Shed1)	1	234.00	0.20	0.20			9.36
			(Roof Beam Shed1)	3	234.00	0.15	0.15			15.80
			(Tie Beam Shed2)	1	134.00	0.20	0.20			5.36
			(Roof Beam Shed1)	3	134.00	0.15	0.15			9.05
										228.66

13	4.1.4	Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed.	m3	4	2.85	0.13	1.20	1.78	5860.86	10,02,549.33					
		(I) In Sub-structure upto plinth level including dewatering if		1	234.00	0.23	2.00	107.64							
				1	134.00	0.23	2.00	61.64							
		(b) In proportion 1:4.						171.06							
		(II) In superstructure above plinth level up to 1st floor level.(Care Taker Shed)		4	2.85	0.13	2.10	3.11	6027.36	9,34,543.37					
		(b) In proportion 1:4.(1 cement:4 sand)(Shed1)		1	234.00	0.13	1.20	36.50							
		Shed2		1	134.00	0.13	1.20	20.90							
		Drain		1	685.00	0.23	0.60	94.53							
					155.05										
14	13.3	Plastering with cement mortar (1:3) on brick in sub structure as per Technical specification.	m2	2	12.00	2.10		50.40	142.00	2,27,120.48					
				4	0.60	2.10		5.04							
				1	234.00	2.50		585.00							
				1	134.00	2.50		335.00							
				1	685.00	1.40		959.00							
								1599.44							
15	13.2.3	CEMENT PAINT &	m2	8	0.60	2.10		10.08	40.66	73923.13					
		a) Applying one coat of cement primer of approved brand and manufacture on new wall surface after thoroughly brooming the surfaces free from mortar droppings and other foreign matter and including preparing the surface even and sand papered smooth.													
											148	6.00	1.00		888.00
											1	234.00	2.50		585.00
											1	134.00	2.50		335.00
					1818.08										

16		b) Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on new wall surface (two coats) to give an even shade after thoroughly brooming the surfaces to remove all dirt and remains of	m2	8	0.60	2.10		10.08	46.75	169990.48
				148	6.00	1.00		888.00		
				1	234.00	2.50		585.00		
				1	134.00	2.50		335.00		
								3636.16		
17	13.3.2	13 PLASTER OF PARIS & WALL PUTTY Providing two coats of acrylic water based wall putty/ wall filler of Asian Paints/ Berger/ Dulux over concrete/ cement plaster/ brick walls and ceilings both internal and external after removing all the loosely adhering material from the wall/ ceiling surface with the help of emery stone, putty blade or wire brush, moistening the wall with the help of sufficient quantity of clear water as specified	m2	8	0.60	2.10		10.08	52.10	68671.97
				148	6.00	1.00		888.00		
				3	56.00	2.50		420.00		
								1318.08		
13		WALL PAINTING								

18	13.4.1	Wall painting (two coats) with acrylic emulsion paint approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) on new surface to give an even shade after thoroughly brushing the surfaces free from mortar droppings and other foreign matter	m2	8	0.60	2.10	10.08	71.10	128548.80	
		(a).Acrylic Emulsion Paint approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac)								
				148	6.00	1.00	888.00			
				1	234.00	2.50	585.00			
				1	134.00	2.50	335.00			
						1808.00				
19	18.3.1	18.3 ROOF TRUSS	qtl					8839.00	3155523.00	
		Providing fitting, hoisting and fixing of roof trusses including purlins fabricated using MS circular hollow section conforming to relevant I.S. code, as per approved design and drawings including providing M.S. cleats, base plates, bolts and nuts and one coat of red oxide Zinc Chromate primer and two coats of approved					29750.00			
		a) TATA make Circular Hollow section- CHS of Grade YST-310 conforming to I.S. Specification : 1161-1998					5950.00			
							35700.00			
							357.00			
	8.1	ROOFING								

20	8.1.33	Providing Pre Painted Galvanized Iron Sheet Roofing (PPGI) at all levels including fitting and fixing with self drilling, self tapping screws complete. (Roof trusses, purlins etc. to be measured and paid separately.) TATA Blue scope/ Dyna roof / Durakolor /Wonder Roof or equivalent as directed	sqm	1	3.20	3.20	10.24	755.32	906565.28
		(a) 0.45 mm thick		1	110.00	7.00	770.00		
				1	60.00	7.00	420.00		
							1200.24		
21	8.1.34	Providing Pre Painted Galvanized Iron Sheet (PPGI) accessories (Ridges / Valley / Gutter /Flashing) at all levels including fitting and fixing self drilling, self tapping screws complete complete. TATA Blue scope/ Dyna roof / Durakolor /Wonder Roof or equivalent as directed by the Departement	RM	4	3.00		12.00	463.79	688264.36
		(a) 0.45 mm thick		4	234.00		936.00		
				4	134.00		536.00		
							1484.00		
22	8.1.8	Supplying, fitting and fixing wind ties with 40mm x6mm M.S. flat iron and necessary 10 mm dia G.I hook bolt, G.I flat washer and bitumen washer etc. complete including two coats painting with red	RM	4	3.00		12.00	201.58	2418.96
				4	234.00		936.00		
				4	134.00		536.00		
							1484.00		

23	8.1.9	Labour for taking out and refitting M.S. flat wind ties in position with new 10 mm dia J hook, G.I. flat washer, bitumen washer etc. including painting one coat with red oxide	RM					12.00	63.54	24145.20
								234.00		
								134.00		
								380.00		
	11	DOORS								
24	11.2.1	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	1					4.00	10422.37	41689.48
		(i) 6mm clear glass								
		WINDOWS AND VENTILATORS								

	11.1.1	Providing, fitting and fixing anodised aluminium windows and ventilators of standard sections of approved brand without horizontal glazing bars joints mitred and welded (manufactured to relevant IS specifications) fitted with 6mm x 3.15mm lugs 100mm long embedded in CC blocks 150mm x 100mm x 100mm in 1:3:6 mix including providing and fixing handles, frictions stays, joining cleat, bolting device, locking arrangement, spring catch as required complete as specified and directed for all	Each					20.00	5980.92	119618.40
25		a)Side hung and Top hung windows and i) 6 mm clear glass								
	5.7.2	VITRIFIED TILES								
		A) ON FLOOR								

26	5.7.2.1	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..... (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department)		1	110.00	7.00		770.00		2854810.00
		c) Delux range Somany/ Orient/Nitco /Varmora/VITA/ Marbitto/ etc.		1	60.00	7.00		420.00	2399.00	
		ii) Of size 1200mmx1600mm and above						1190.00		
27	24.10	Providing fly proof M.S. wire netting of I.S.gauge designation 85 with wire of dia 0.05 mm over hollock or other wood dressed frame including 1st class timber beading of 38mmx12 mm size chamfered including fitting, fixing with necessary wood screws etc.complete as directed (timber frame to be measured and paid separately).	sqm	1	368	0.60		220.80	471.36	104076.29

ANNEXURE-B

Name Of work = Improvement of Chatribari Land of GMC for various Proposed Project.

Water Supply System

: DETAIL ESTIMATE :

Item of Work :

Si. No	Item No.	Item	Unit	Qty	Rate	Amount
1	8.1.1	Preparation of site for placement of the drilling rig including excavation of mud pit, circulation drain, collection chamber etc. all complete as directed. [As per SOR PHED ASSAM 2015-16]	No	1	8126.00	8126.00
2		Movement of Rig to the drilling site including cost of POL all complete as directed and Transportation of air compressor of Kirloskar make 540 CFM, 10.5 kg. / sq. cm. with all accessories including cost of POL all complete as directed.	Job	1	6000.00	6000.00
3		Transportation of all store materials like pipes, strainer, cone, socket, clamp, bentonite etc. including cost of POL all complete as directed and Transportation of air compressor	Job	1	5000.00	5000.00
4	8.2.1	Boring in soft soil / normal clay / sandy soil by bit of size either 5 5/8" or 6 7/8" or 7 7/8" and collecting sample of soil at every 3.0 m depth or wherever there is a change of strata in sample boxes with the distinguishing marks including arranging and carriage of necessary boring materials / tools etc. and withdrawing the drill pipe for lowering well assembly etc. all complete as directed. [As per SOR PHED ASSAM 2015-16]	No	35	711.60	24906.00
5	8.2.2	Boring in hard soil / pebble / gravel by bit of size either 5 5/8" or 6 7/8" or 7 7/8" and collecting sample of soil at every 3.0 m depth or wherever there is a change of strata in sample boxes with the distinguishing marks including arranging and carriage of necessary boring materials / tools etc. and withdrawing the drill pipe for lowering well assembly etc. all complete as directed. [As per SOR PHED ASSAM 2015-16]	No	50	1289.30	64465.00

6	8.2.3	Reboring in soft soil / normal clay / sandy soil by bit of size either 8 1/2" or 9 5/8" or 12" from either bit of size either 8 1/2" or 9 5/8" or 12" from either 5 5/8" or 6 7/8" all complete as directed. [As per SOR PHED ASSAM 2015-16]	m	35	433.50	15172.50
7	8.2.4	Reboring in hard soil / pebble / gravel by bit of size either 8 1/2" or 9 5/8" or 12" from either bit of size either 8 1/2" or 9 5/8" or 12" from either 5 5/8" or 6 7/8" or 7 7/8" all complete as directed. [As per SOR PHED ASSAM 2015-16]	m	50	702.70	35135.00
8	8.3.1	Drilling with drill bit in overburden portion of soil formation including collection of soil sample at every 3.0 m depth wherever there is a change of strata in sample boxes.... With 245 mm to 300 mm dia drill bit.	m	15	3565.26	53478.90
9	8.3.3	Drilling with drill rig using D.T.W. in all kinds of rock formation including collection of soil sample at every 3.0 m depth wherever there is a change of strata in sample boxes.... Washing the well as per direction of the department all complete including testing of yield and drawdown of SWL of the DTW in presence of engineer/ ... as directed by the department.	m	15	4665.00	69975.00
10	8.2.5	Reboring in soft soil / normal clay / sandy soil by bit of size either 14" or 16" or 18" from either 8 1/2" or 9 5/8" or 12" all complete as directed. [As per SOR PHED ASSAM 2015-16]	m	35	360.60	12621.00
11	8.2.6	Reboring in hard soil / pebble / gravel by bit of size either 14" or 16" or 18" from either 8 1/2" or 9 5/8" or 12" all complete as directed. [As per SOR PHED ASSAM 2015-16]	m	50	575.20	28760.00
12	8.4.1	Extraction of drilling pipes / bits against skin friction at the end of each day and after completion of the operation including washing of the bore hole all complete as directed. [As per SOR PHED ASSAM 2015-16]	m	100	113.50	11350.00

13	8.3.2	Casting / sinking / lowering of 200 mm dia MS pipe including cost of pipe and labour charge for casting welding of joints.... As directed by department.	m	35	3614.40	126504.00
14	8.5.2	Lowering / sinking of well assembly including pipe joints for 200 mm dia UPVC casing pipe, strainer all complete as directed. [As per SOR PHED ASSAM 2015-16]	m	50	309.60	15480.00
15	8.5.5	Developing of the DTW with air compressor, make-Kirloskar / Cumins all complete as directed. [As per SOR PHED ASSAM 2015-16]	hr	10	2593.50	25935.00
16	5.3.6	: Supplying fitting and fixing pipes of suction pipes plain / bevel ended conforming to relevant IS code of practice including suppling and fitting of accessories completed as directed. From pump to overhead tank A) G.I. pipe. vii) 80 mm dia (as directed as per site condition)	m	50	921.60	46080.00
17	8.5.6	Supplying and packing pea gravel around the periphery of casing including screening, washing etc. all complete as directed. [As per SOR PHED ASSAM 2015-16]	cum	8	2563.80	20510.40
18		Supply of Bentonite clay [As per SOR PHED ASSAM 2015-16]	MT	2	5500.00	11000.00
19	5.2	Supply of UPVC Screen Pipe (Ribbed type) (i) 200 mm dia [As per SOR PHED ASSAM 2015-16](as directed by dptt. As per site condition)	m	50	1724.50	86225.00
20		M.S. rope (10-12 MM) (plastic coated) for tie the pump motor set [As per market price]	m	100	28.00	2800.00
21		Supply and fitting, fixing of End Cape [As per market price]	set	1	500.00	500.00
22	10.1.3	Supplying fitting , fixing MS clamp ... as directed by department[As per SOR PHED ASSAM 2015-16]	set	3	3043.90	9131.70
23		a. 10HP pump (Head-84 M , Decharge-1,10,000 LPH, NRV size 125 mm speed -2900 Rpm starring method-star delta	set	1	50000.00	50000.00

		b. 6 sqmm 3core submergible cable	m	130	240.72	31293.60
24	L/S	c. 10 HP star delta starter along with panel board consisting of 200A contactor/ACB and meter etc. including all electrification work all complete as directed.	set	1		
					25000.00	25000.00
25	L/S	Construction of RCC staging of 25ft height from CL. Water storage tank of (2 x 2000 ltr cap)with 6 nos of R.C.C Post (0.20m x 0.20m) & 3 layer of R.C.C Beam (0.25m x 0.25m) ,16mm & 12 mm M.S rod including supply fitting fixing of sintex water reservoir 2 nos and installation with necessary pipes,fitngs,Valves and other required materials for the entire area of the land all complete as directed by Engineer i/c	No	1		
					300000.00	300000.00

Total Rs. 1085449.10

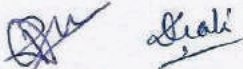
Add 12% GST 130253.89

Add 1% Labour Cess 10854.49

1226557.48

Say 1226000.00

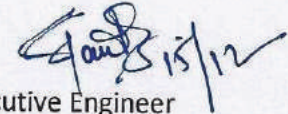
(Rupees Twelve Lakhs Twenty Six Thousand)only



JTO/Asst. Engineer

Div-iv

Guwahati Municipal Corporation



Executive Engineer

Div-iv

Guwahati Municipal Corporation

ANNEXURE-C

Name Of work = Improvement of Chatribari Land of GMC for various Proposed Project.

Sanitary Work

Sl. No	Ref. of SOP	Description	Unit	No.	L(m)	B(m)	H(m)	Qty.	Rate (Rs.)	Amount (Rs.)
1	3.13	Excavation for Structure : Earth work in excavation of foundation of structures as per drawing and technicalt required and utilizing theremaining earth locally for road work.)	m3	1	8.00	2.00	2.50	40.00	273.00	10920.00
2	17.4	Paved Shoulder: Providing stone brick soling in earthen shoulder with stone/ best quality jhama bricks, if necessary dewatering (a) Bricks on flat soling	m2	1	7.00	2.00		14.00	723.20	10124.80
3	12.4	PCC 1:3:6 in Foundation: Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregateincluding curing for 14 days.	m3	1	7.00	2.00	0.075	1.05	5644.00	11852.40
				1	7.00	2.00	0.075	1.05		
								2.10		
4	5.2	CEMENT CONCRETE TILE FLOORING	sqm	1	7.00	3.00		21.00	841.63	17,674.23
	5.2.1	Pre-cast cement concrete tiles 20 mm thick with aggregate of sizes up to 6 mm laid in floors, treads of steps and landing with 20 mm thick bed of cement mortar in prop. 1:6 (1cement : 6 coarse sand) joined with neat cement slurry with pigment to match th								
		(a) Any shade or combination of shades using white cement.								
		Supplying, fitting and placing TMT bar reinforcement in complete as per drawing and technical specifications.		112	2.00	0.62		138.88		
				32	7.00	0.62		138.88		
				Tie Beam		4	20.00	0.62		

5	14.2(b)	TMT-IS 1786 (Fe-500D)	MT	160	0.60	0.39		37.44	74297.00	74843.83	
		Secondary producer (ISI)		112	2.00	0.62		138.88			
				32	7.00	0.62		138.88			
		Roof Slab		112	2.00	0.62		138.88			
				32	7.00	0.62		138.88			
		Linel		4	20.00	0.62		49.60			
				160	0.60	0.39		37.44			
								1007.36			
								1.01			
6	13.5(N)	Plain/Reinforced Cement Concrete, in sub structure complete as per drawing and technical specification and steel shuttering formwork.RCC Grade M20	m3	1	7.00	2.00	0.20	2.80	7507.00	74469.44	
		Case I : Using Concrete Mixer		2	2.00	0.60	0.20	0.48			
				2	7.00	0.60	0.20	1.68			
				2	2.00	0.60	0.20	0.48			
				2	7.00	0.60	0.20	1.68			
				1	7.00	2.00	0.20	2.80			
								9.92			
7	12.3	Sand filling in foundation trenches as per drawing and technical specification	m3	2	5.00	0.20	1.80	3.60	1448.00	7297.92	
				2	2.00	0.20	1.80	1.44			
								5.04			
8	4.1.4	Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed.	m3	2	7.00	0.13	2.10	3.82	6027.36	39491.26	
				(II) In superstructure above plinth level up to 1st floor level.	2	2.00	0.13	2.10			1.09
				(b) In proportion 1:4.(1 cement:4 sand)	3	2.00	0.13	2.10			1.64
								6.55			
9	6.2.1	10 mm thick Cement plaster in single coat on fair side 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.	m2	2	25.00	2.10		105.00	116.85	12269.25	
				b) In cement mortar 1:4							

	13.2.3 CEMENT PAINT & PRIMER								
10	a) Applying one coat of cement primer of approved brand and manufacture on new wall surface after thoroughly brooming the surfaces free from mortar droppings and other foreign matter and including preparing the surface even and sand papered smooth.	m2	2	25.00	2.10		105.00	40.66	4269.30
11	b) Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on new wall surface (two coats) to give an even shade after thoroughly brooming the surfaces to remove all dirt and remains of loose powdered materials.	m2	2	25.00	2.10		105.00	46.75	4908.75
	13.3 PLASTER OF PARIS & WALL PUTTY								
12	13.3.2 Providing two coats of acrylic water based wall putty/ wall filler of Asian Paints/ Berger/ Dulux over concrete/ cement plaster/ brick walls and ceilings both internal and external after removing all the loosely adhering material from the wall/ ceiling surface with the help of emery stone, putty blade or wire brush, moistening the wall with the help of sufficient quantity of clear water as specified and directed by the department.	m2	2	25.00	2.10		105.00	52.10	5470.50
	13.4 WALL PAINTING								
13	13.4.1 Wall painting (two coats) with acrylic emulsion paint approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) on new surface to give an even shade after thoroughly brushing the surfaces free from mortar droppings and other foreign matter and sand papered smooth.	m2	2	25.00	2.10		105.00	71.10	7465.50
	(a).Acrylic Emulsion Paint approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac)								

14	9.18.1	<p>Providing, fitting and fixing factory made Santro Flush door shutters having core & cross bands fabricated from seasoned 1st class timber, 25mm core battens, 2.5mm to 3.5mm uniformly thick cross bands, styles & rails made from hardwood timber of width not less than 50mm, fixed to the door frames (chowkath) with necessary hinges, screws, bolts etc. as specified and directed at all levels (Door fixtures and fittings to be measured and paid separately.)</p>	m2	4			4.00	2123.11	8492.44	
		(b) 35mm thick								
15	11.1.1	<p>WINDOWS AND VENTILATORS Providing, fitting and fixing anodised aluminium windows and ventilators of standard sections of approved brand without horizontal glazing bars joints mitred and welded (manufactured to relevant IS specifications) fitted with 6mm x 3.15mm lugs 100mm long embedded in CC blocks 150mm x 100mm x 100mm in 1:3:6 mix including providing and fixing handles, frictions stays, joining cleat, bolting device, locking arrangement, spring catch as required complete as specified and directed for all levels. (Cement concrete to be measured and paid separately).</p>	each	4			4.00	5980.92	23923.68	
		a)Side hung and Top hung windows and ventilators								
		i) 6 mm clear glass								
16	3.1.2	<p>Supplying fitting and fixing approved uPVC Pipes of different sizes, with all necessary 'R' brand or similar approved P.V.C. Fittings such as bend, tee, elbow, reducer, nipple, plug, long screw fitting, clamps etc. complete at all levels including below G.L. as directed and specified.</p>	Rm				40.00	284.41	11376.40	
		(A) Exposed or in trenches								
		SUPREME/ PRINCE/ SFMC BRAND or other equivalent approved brand (High pressure pipe Sch-40)								
		Exposed or in trenches								

		a) 50 mm dia						
17	1.2	EUROPEAN TYPE WATER CLOSET	2	Each		2.00	6359.27	12718.54
		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)						
		a) White						
		(i) Universal Closet S Trap (Cat No.C0271) (Anglo Indian) (inclusive of seat cover)	2					
18	1.7	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.	2	Each		2.00	17187.71	34375.42
		A) Parryware make						
		a) White						
		(ii) Integrated EFS-AC with power source (Cat No.C8097) / Integrated EFS- DC (Cat No.C8098)						
19	1.31	Providing, fitting and fixing Chrome Plated TOILET PAPER holder complete as directed and specified.	2	Each		2.00	780.93	1561.86
		(a) Jaquar make						
		(i) Continental toilet paper holder (Cat.No. ACN-1151N)						

1.37. 1	Supplying, fitting and fixing PVC pipes of 6 Kg/cm ² (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.	Each					5.00	1275.63	6378.15
20	a) In exposed surfaces or in trenches. (i) 160mm dia.								
21	L/S Supply ,fitting,fixing of pipes (CPVC),bibcock,wash cock,Valves,flushing Cistern for Toilets,Hand Shower,Towel rod,looking glass etc for entire toilet all complete as directed by engineer i/c.	L/S						100000.00	100000.00

479883.67

Adding 12% GST 57586.04

Adding 1.00% laboure cess 4798.84

542268.55

Say Rs 542000.00

(Rupees Five Lakhs Forty Two Thousand) Only

Prepared By

JTO/ Asstt Engineer
Div-IV,G.M.C.

Checked By



Executive Engineer
Div-IV, G.M.C.

ANNEXURE-D

Name Of work = Improvement of Chatribari Land of GMC for various Proposed Project.

Illumination Work

SL N	SOR	ITEM	unit	NO	L	B	H	QTY	RATE	AMOUNT
1	L/S	Illumination - A=(,Distribution panel board ,Drawing of HT Line with required pole & internal cabling & electrification work with all required materials all complete as directed.						Total Value of Civil Work=Rs.22519728.00	9% of Total Civil work	2026775.52
2	L/S	Illumination B= Supllying ,fitting,Fixing & Installation of 100 KVAR Transformer over a platform to be constructed with brick & pcc work of required size all complete as directed by Engineer i/c including providing the necessary test report for the whole work.	L/S						500000.00	500000.00

2526775.52

Adding 12% GST 303213.06


Adding 1.00% laboure cess 25267.76

2855256.34

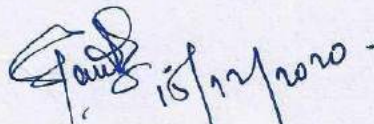
Say Rs 2855000.00

(Rupees Twenty Eight Lakhs Fifty Five Thousand)only

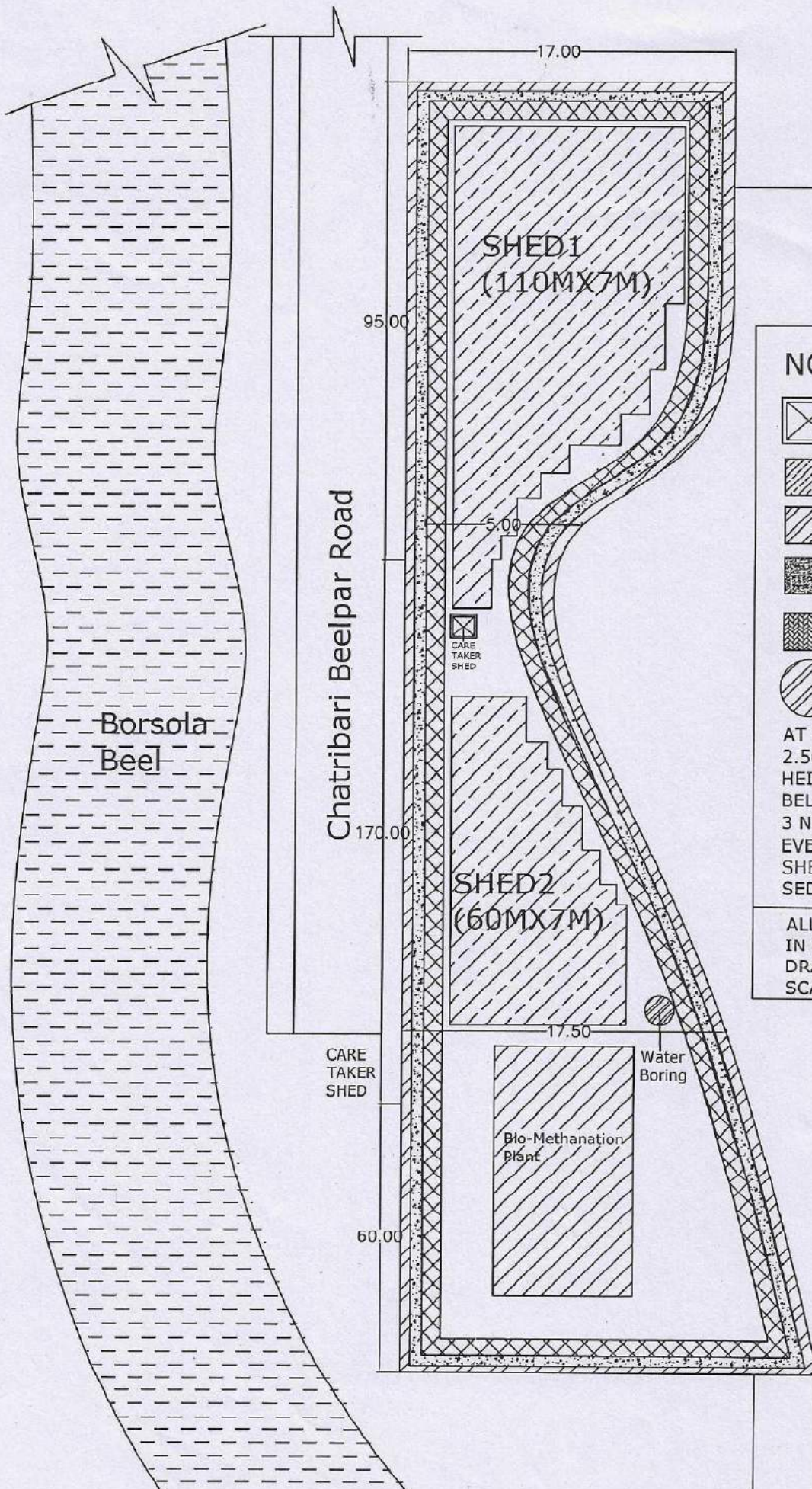
Prepared By


ITO/ Asstt Engineer
Div-IV,G.M.C.







Checked By


Executive Engineer
Div-IV, G.M.C.

**NAME OF WORK: DEVELOPMENT OF CHATRIBARI LAND OF GMC NEAR
IO-METHANATION PLANT, WARD NO-09**



NOTE :

-  = CARE TAKER SHED
-  = SHED
-  = BOUNDARY WALL
-  = SIDE DRAIN
-  = ROAD
-  = WATER BORING

AT SHED COLUMNS ARE IN 2.50M INTERVAL.
HEIGHT ABOVE GL=6.00M
BELOW GL=2.00M
3 NOS OF ROOF BEAM IN EVERY SHED
SHED1 SIZE=110MX7M
SHED2 SIZE = 60MX7M

ALL DIMENSION ARE IN METER
DRAWING IS NOT TO SCALE