DETAILED PROJECT REPORT

Community Hall under 13th Finance Commission 2011/12 Performance Grant,Implimenting Agency:

JORHAT ZILA PARISAD

Er. B. Bordoloi *Ph. 9706464510*
BE,PGDRD,MIE,FIV. *Chartered Engineer, Approved Valuer*

DETAILED PROJECT REPORT

NAME OF WORK: Community Hall under 13TH Finance Commission Performance Grant, 2011/12.

1.INTRODUCTION: Community Hall are very much essential in GP areas particularly to stage Gaon Sabha meeting. Therefore, it was proposed to construct Community Hall in Gaon Panchayat (GP) areas. In the first phase, 18 (Eighteen) nos of GPs are selected out of 110 nos GPs of Jorhat District. The no of GPs for the corresponding Anchalik Panchayats are selected in the Proportion of Gaon Panchayats to each corresponding Anchalik Panchayats as per table shown below:-

Sl. No.	Name of Anchalik Panchayat	No. of GPs under the Corresponding A.P.	No.of GPs selected against each A.P.
1.	Titabar AP	16	2
2.	North West AP	18	3
3.	Jorhat AP	27	4
4.	Central Jorhat A.P.	10	2
5.	Kaliapani A.P.	10	1
6.	East Jorhat AP	9	1
7.	Majuli AP	12	2
8.	Ujani Majuli AP	8	1

After it, the Gaon Panchayats are selected on the basis of population and availability of land in each Gaon panchayat area for construction of the Community Hall. The selected Gaon Panchayats, in the first phase,are----------

Community Hall in GP Areas

Sl No	AP	Location (GP)
1	**Kaliapani**	No.5 Pub Teok
2	**East Jorhat**	No.16 NE Nakachari
3	**Central Jorhat**	No.25 Pub Hollongapar
4		No.27 Madhya Chowkhat Hatigarh
5	**NW Jorhat**	No.41 Madhya Parbotia
6		No.40 Uttar Parbatia Janajati
7		No.46 Charingia
8	**Jorhat**	No. 51 Baghchung Charaibahi

9		No.49 Madhya Namani Charaibahi GP
10		No.73 Madhya Thengal Khangia
11		No. 64 Pub Thengal
12	**Titabar**	No.75 Kakadonga Bekajan
13		No. 89 Borholla
14	**Ujani Majuli**	No.95 Luitporia
15	**Majuli**	No. 106 Dakhin Kamalabari
16		No. 111 Sri Luit

2. Aims and objective:-After 73rd amendment of the Constitution, much importance is given in decentralization of power. To achieve it, people's involvement in Govt. activities at Grass root level is very much essential. These Community Hall will serve the purpose of holding Gaon Sabha meeting, thereby involving themselves in the Govt. activities. Further, meeting can also be held in these community Hall for other socio- cultural activities.

3.Fund:- 13th Finance Commission, Parformane Grant, 2011-12.

4.Availability of land:-The sufficient land is available for all the sites selected for construction of Community Hall. The sites are so selected that sufficient open space is available around the building.

5.Geographical location:-Out of 16 Community Hall, 3(Three) nos will be constructed in Majuli Sub-Division and 9 (Nine) will be in Jorhat and 4(Four) will be in Titabar Sub-Division. For Jorhat & Titabar Sub-division, the level of land is high and road communication to the site is also available. But for Majuli, the Communication to Jorhat is by means of water transport. Moreover, the level of land in Majuli, aflood proned area, is very low.

6.The Building Provision:- Due to varying Communication and geographical condition, two types of plan & estimates for the Community Hall are prepared for Jorhat District. One is for Majuli and other is for Titabar & Jorhat Sub-division. The building has the provision of a hall and a stage. In the hall, the wall will be constructed upto W.S.L, and in the stage, it will be upto PPL. A Urinal with a soakpit is also provided.

7. Rate:- The estimates are prepared as per APWD Schedule of rates of 2010-11 by deducting 10% Contractor's Profit. Additional premium of 20% is added for Majuli Sub-Division as per provision of APWD SOR. Further, surcharge is also added for Rod and Cement as per notification of APWD(BUILDING).

8. Estimate:- The estimate has the provision of----------

1. RCC foundation with RCC tie beam.
2. 225 mm brick wall in Sub-structure & 112mm brick wall in Super Structure.
3. Dynaroof sheet roofing over MS black pipe roof frame.
4. Plinth height of stage is raised by 60cm to the plinth height of the hall.
5. 65 mm PCC flooring.

6. Wooden Door.
7. Half brick wall upto WSL in hall & upto PPL in stage.
8. 15mm Plaster.
9. Colour washing.
10. RCC post & lintel.
11. Plinth height=60cm for Titabar & Jorhat.
    =120 cm for Majuli
12. Plinth area:- 129.6 Sqm.for Titabar & Jorhat
    :- 90.0 Sqm. for Majuli.

9. Drawing:- All the drawings required for this purpose are supplied with the estimate.

1. Preliminary drawing showing Plan, Elevation & Cross-section
2. Structural drawing showing the details of footing, foundation, lintel etc.

10.Execution:- The works will be executed by a construction Committees constituted for this purpose with one technical expert as the Secretary of the Committee. The works will be executed by observing all the guideline of the Assam PWD Schedule.

Prepared by:

ER. B.BORDOLI
BE, PGDRD, FIV,MIE
Charterd Engineer, Approved Valuer.

ESTIMATE

Name of Work : **Model Estimate for Community Hall at GP Office campus under General Perfomance grant, 13 F.C**

Name of G.P : **Rs.8,00,000.0**

Estimated Amount : Rs. 800,000.00

JORHAT ZILLA PARISHAD, JORHAT

JORHAT

Name of Work : Model Estimate for Community Hall at GP Office campus under General Perfomance grant, 13 F.C

Name of G.P. : Rs.8,00,000.0

Area Covered : 9.00 M x 14.40 M

Estimated Amoount : Rs. 800,000.00

R E P O R T

This estimate amounting to Rs. 800,000.00 (Rupees Eight Lkhs) only has been framed to

to show the Probable cost of Construction of community hall cum stage at G.P office campus under general perfomance grant, 13 F.C in Jorhat District.

The following provisions has been made in this estimate.

1). Earth work in Excavation / filling.
2). Brick soiling in foundation.
3). Plain cement concrete works.
4). Supplying fitting and fixing in positions reinforcement bars.
5). Form work.
6). Reinforced Cement Concrete works.(Sub-Structure & Super structure)
7). Brick works in Sub-Structure.
8). Providing, fitting and fixing of Steel Roof Truss
9). Providing, fitting and fixing of GCI Sheets

The estimate has been prepared as per APWD Schedule of Rates (Building) for the year 2010-2011 and all works will be carried out in accordance with the general guidelines and specification of APWD, Assam current in the state.

Countersigned By:

Shri Ratul Ch. Duarah, ACS
Chief Executive Officer
Jorhat Zilla Parishad
Jorhat

Prepared By

Shri Lakhi Handiquie
Junior Engineer
Jorhat Zilla Parishad
Jorhat

Name of Work : Model Estimate for Community Hall at GP Office campus under General Perfomance grant, 13 F.C

Esst Amount : Rs 8,00,000.00

Area : 9.00 M x 14.40 M

ESTIMATE

Item No. 1: SOR 1.1 (a) Earthwork in excavation for footing of columns, steps, plinth beam including refilling the quantity as necessary after completion of work, breaking clods in return filling dressing, dewatering & remaining etc. and removal of surplus earth with all leads and lifts upto 2m as directed & specified including bailing out water upto where necessary upto a depth of below the existing GL as directed & specified (in ordinary soil)

Qnty. :	1	x	14	x 1.20	x	1.20	x	1.20	=	24.192	cum.
	1	x	2	x 1.00	x	1.00	x	1.00	=	2.000	cum.
								TOTAL =		26.192	cum.

@ Rs. 64.67 / cum. - - - - - - - - - - - - - - - Rs. 1,694.00

Item No. 2: SOR 4.1.1 (a) Providing soling in foundation under floor at all levels with stone best quality jhama bricks, sand packed and laid to level and in panel after preparing the sub-grade as directed including all labour and materials and if necessary dewatering complete.(a) Brick on Flat Soling

Qnty. :	Footing	14	x	1.20	x	1.20	=	20.160	sq.m.	
Qnty. :	Footing	2	x	1.00	x	1.00	=	2.000	sq.m.	
	Floor	1	x	14.40	x	9.00	=	129.600	sq.m.	
						TOTAL =		151.760	sq.m.	

@ Rs. 286.37 / sq.m. - - - - - - - - - - - - - - - Rs. 43,460.00

Item No. 3: SOR 2.1.1 (c) Plain cement concrete works with coarse aggregate of size 13mm to 32mm in foundation steps, footing of column & plinth beam as directed & specified including curing complete (shuttering where necessary shall be measured & paid separately) in proportion 1 cement: 5 sand: 10 coarse aggregate by volume.

Qnty. :	1	x	14	x 1.20	x	1.20	x	0.10	=	2.016	cum.
Qnty. :	1	x	2	x 1.00	x	1.00	x	0.10	=	0.200	cum.
								TOTAL =		2.016	cum.

@ Rs. 3130.44 / cum. - - - - - - - - - - - - - - - Rs. 6,311.00

Cement Required = 2.016 x 4.25 bags = 8.57 Bags

@ Rs. 65 / Bag - - - - - - - - - - - - - - - Rs. 556.92

Item No. 4: SOR 18.1.1 (b) (ii) Supplying, fitting & fixing in position reinforcement bars conforming to IS relevant code for RCC work/RB walling including straightening, cleaning, citing & bending to proper shape & length as per binding to 20 G annealed black wire & placing in position with cover blocks support, chairs, spacer etc. complete (upto 1st floor level)

Footing 10ø @100c/c :	16	x	22	x	1.000	x	0.62	=	218.240	Kg.
Column 16ø, 4 Nos. :	10	x	4	x	6.000	x	1.58	=	379.200	Kg.
Column 16ø, 4 Nos. :	4	x	4	x	7.500	x	1.58	=	189.600	Kg.
Column 16ø, 4 Nos. :	2	x	4	x	2.750	x	1.58	=	34.760	Kg.
Tie Beam 16ø, 4 Nos. :	5	x	4	x	9.500	x	1.58	=	300.200	Kg.
Tie Beam 16ø, 4 Nos. :	2	x	4	x	14.900	x	1.58	=	188.336	Kg.
Column 12ø, 2 Nos. :	10	x	2	x	6.000	x	0.89	=	106.800	Kg.
Column 12ø, 2 Nos. :	4	x	2	x	7.500	x	0.89	=	53.400	Kg.
Tie Beam 12ø, 2 Nos. :	4	x	4	x	7.670	x	0.89	=	109.221	Kg.
Tie Beam 12ø, 2 Nos. :	2	x	4	x	14.900	x	0.89	=	106.088	Kg.
							Qnty. C/O =		1685.845	Kg.

Total C/O = Rs. 52,021.92

									Total B/F =	**Rs.**	**52,021.92**
								Qnty. B/F =	1685.845	Kg.	
	Lintel	12ø, 4 Nos. :	4	x 4	x	9.500	x 0.62 =		94.240	Kg.	
	Lintel	12ø, 4 Nos. :	4	x 4	x	14.900	x 0.62 =		147.808	Kg.	
								TOTAL =	1927.893	Kg.	
								Add 10% for wastage =	192.789	Kg.	
								TOTAL =	2120.682	Kg.	
								TOTAL =	21.207	Kg.	
		@ Rs. 4746.44 / Qtl. - - - - - - - - - - - - - - - - - -								**Rs.**	**100,657.00**
Price Difference		**@ Rs. 1400 / Qtl.** - - - - - - - - - - - - - - - - - -								**Rs.**	**29,689.55**
Item No. 4:	contd…. M.S.Rod.(Stirrups)										
	Column 6ø @150c/c		10	x 39	x	0.830	x 0.22 =		71.214	Kg.	
	Column 6ø @150c/c		4	x 49	x	0.830	x 0.22 =		35.790	Kg.	
	Column 6ø @150c/c		2	x 17	x	0.830	x 0.22 =		6.208	Kg.	
	Tie Beam 6ø @150c/c		5	x 62	x	0.830	x 0.22 =		56.606	Kg.	
	Tie Beam 6ø @150c/c		2	x 98	x	0.500	x 0.22 =		21.560	Kg.	
	Lintel 6ø @150c/c		4	x 64	x	0.500	x 0.22 =		28.307	Kg.	
	Lintel 6ø @150c/c		4	x 100	x	0.500	x 0.22 =		44.147	Kg.	
								TOTAL =	263.831	Kg.	
								Add 10% for wastage =	26.383	Kg.	
								=	290.214	Kg.	
								TOTAL =	2.902	Kg.	
		@ Rs. 5241.78 / Qtl. - - - - - - - - - - - - - - - - - -								**Rs.**	**15,212.00**
Price Difference		**@ Rs. 1400 / Qtl.** - - - - - - - - - - - - - - - - - -								**Rs.**	**4,063.00**

Item No. 5: SOR 3.1.1.1(ii) Providing formwork of ordinary timber planking so as to give rough finish including centering shuttering & propping etc. Height of propping & centering below supporting floor to ceiling & removal of same for cast-in-situ reinforced concrete & plain concrete works. (Using 25mm thick planks)**SUB-STRUCTURE**

Qnty. Footing	14	x 4	x	0.15	x	1.200	=	10.080	sq.m	
Colm.	14	x 4	x	0.25	x	6.000	=	84.000	sq.m	
Colm.	2	x 4	x	0.25	x	2.500	=	5.000	sq.m	
T.Beam	2	x 5	x	0.30	x	9.000	=	27.000	sq.m	
T.Beam	2	x 2	x	0.30	x	14.400	=	17.280	sq.m	
L.Beam	2	x 4	x	0.15	x	9.000	=	10.800	sq.m	
L.Beam	1	x 4	x	0.125	x	9.000	=	4.500	sq.m	
L.Beam	2	x 4	x	0.15	x	14.400	=	17.280	sq.m	
L.Beam	1	x 4	x	0.125	x	14.400	=	7.200	sq.m	
							TOTAL =	183.140	sq.m	
@ Rs. 213.70 / sq.m. - - - - - - - - - - - - - - - - - -									**Rs.**	**39,137.00**

Item No. 6: SOR 2.2.1 (I)(A)(a) Providing & laying plain/reinforced cement concrete works in proportion 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm down) including dewatering if necessary & curing complete but excluding the cost of form work and reinforcement for RCC work. (Form work & reinforcement will be measured separately)

SUB-STRUCTURE	16	x 1.200	x	1.200	x	0.150	=	3.456	cum.	
	16	x 0.625	x	0.625	x	0.400	=	2.500	cum.	
	16	x 0.250	x	0.250	x	1.250	=	1.250	cum.	
	5	x 0.250	x	0.300	x	9.000	=	3.375	cum.	
	2	x 0.250	x	0.300	x	14.400	=	2.160	cum.	
							TOTAL =	12.741	cum.	
@ Rs. 4734.15 / cum. - - - - - - - - - - - - - - - - - -									**Rs.**	**60,318.00**
Cement Required = 12.741 x6.13 bags								**78.00**	**Bags**	
@ Rs. 65 / Bag - - - - - - - - - - - - - - - - - -									**Rs.**	**5,070.00**

Total C/O = Rs.	**306,168.47**

Total B/F = Rs. 306,168.47

SUPER-STRUCTURE	10	x	0.25	x	0.25	x	4.000	=	2.500 cum.
	4	x	0.25	x	0.25	x	5.500	=	1.375 cum.
	4	x	0.15	x	0.15	x	9.000	=	0.810 cum.
	4	x	0.15	x	0.15	x	14.400	=	1.296 cum.
							TOTAL	=	5.981 cum.

2.2.1 (B)(ii)(a) **@ Rs. 4929.24 / cum. - - - - - - - - - - - - - - - Rs. 29,482.00**

Cement Required = 5.981 x6.13 bags 37.00 Bags

@ Rs. 65 / Bag - - - - - - - - - - - - - - - Rs. 2,405.00

Item No. 7 SOR 4.1.4 Brick work in cement mortar with 1st class brick including racking out joints and dewatering if necessary and curing complete as directed in sub-structure upto Plinth Level.(c) In prop. 1:4

	2	x	0.25	x	1.35	x	9.000	=	6.075 Cum.
	3	x	0.25	x	0.70	x	9.000	=	4.725 Cum.
	2	x	0.25	x	1.35	x	3.600	=	2.430 Cum.
	6	x	0.25	x	0.70	x	3.600	=	3.780 Cum.
2 x	0.50	x	1.80	x	1.35	x	1.200	=	2.916 Cum.
5 x	0.50	x	0.90	x	1.35	x	1.200	=	3.645 Cum.
							TOTAL	=	23.571 Cum.

@ Rs. 4632.29 / cum. - - - - - - - - - - - - - - - Rs. 109,188.00

Cement Required = 23.571 x 2.00 bags 47.00 Bags

@ Rs. 65 / Bag - - - - - - - - - - - - - - - Rs. 3,055.00

Item No. 8: SOR 1.3 C Sand filling in plinth layers not more than 150mm thick including necessary carriage watering, ramming etc… with silt (predominantly non plastic) by tuck carriage including loading and unloading.

	1	x	10.80	x	9.00	x	0.700	=	68.040 cum.
	1	x	3.60	x	9.00	x	1.350	=	43.740 cum.
							TOTAL	=	111.780 cum.

@ Rs. 322.75 / cum. - - - - - - - - - - - - - - - Rs. 36,077.00

Item No. 9: 4.1.7(a) 112mm thick 1st class Brick nogged wall in cement mortar including raking out joints and curing comnplete as directed in super structure above plinth level upto 1st floor.(Protruding rod/Tor steel of columns to be embedded in cement mortar & will be measured and paid for separately.) In cement mortar 1:4

Wall		1	x	1	x	9.00	x	3.300	=	29.700 sq.m
		1	x	2	x	3.60	x	3.300	=	23.760 sq.m
		1	x	2	x	10.80	x	1.500	=	32.400 sq.m
		1	x	1	x	9.00	x	1.500	=	13.500 sq.m
		2	x	0.5	x	9.00	x	1.500	=	13.500 sq.m
Door	(-)	2	x	1	x	2.10	x	1.000	=	-4.200 sq.m
Door	(-)	3	x	1	x	0.70	x	1.200	=	-2.520 sq.m
Window	(-)	2	x	1	x	1.40	x	1.200	=	-3.360 sq.m
Ventilator	(-)	3	x	1	x	1.40	x	0.600	=	-2.520 sq.m
								TOTAL	=	100.260 sq.m

@ Rs. 518.62 / Sq.m. - - - - - - - - - - - - - - - Rs. 51,997.00

Cement Required =100.26 x 2.13 bags/ 10 Sqm 21.00 Bags

@ Rs. 65 / Bag - - - - - - - - - - - - - - - Rs. 1,365.00

Total C/O = Rs. 539,737.47

Total B/F = Rs. 539,737.47

Item No. 10: SOR 6.2.1(a) 10mm thick cement plaster in single coat on fair side of single or half brick wall for interrior plastering upto 1st floor level including arises, internal rounded angles not exceeding 80mm girth, including curing complete as directed. b) In cement mortar 1:4

Wall		1	x	1	x	9.00	x	3.300	=	29.700 sq.m
		1	x	2	x	3.60	x	3.300	=	23.760 sq.m
		1	x	2	x	10.80	x	1.500	=	32.400 sq.m
		1	x	1	x	9.00	x	1.500	=	13.500 sq.m
		2	x	0.5	x	9.00	x	1.500	=	13.500 sq.m
Door	(-)	2	x	1	x	2.10	x	1.000	=	-4.200 sq.m
Door	(-)	3	x	1	x	0.70	x	1.200	=	-2.520 sq.m
Window	(-)	2	x	1	x	1.40	x	1.200	=	-3.360 sq.m
Ventilator	(-)	4	x	1	x	1.40	x	0.600	=	-3.360 sq.m
								TOTAL	=	99.420 sq.m
								TOTAL both	=	198.840 sq.m
Plinth		1	x	2	x	19.60	x	0.750	=	29.400 sq.m
		1	x	2	x	12.60	x	1.350	=	34.020 sq.m
								TOTAL	=	262.260 sq.m

@ Rs. 88.60 / Sq.m. - - - - - - - - - - - - - - - Rs. 23,236.00

Cement Required =262.26 x 0.87bags/10sqm. 23.00 Bags

@ Rs. 65 / Bag - - - - - - - - - - - - - - - Rs. 1,495.00

Item No. 11 SOR 5.1.2 65mm thick cement concrete topping 1:2:4 (1cement :2 coarse sand : 4 coarse aggregateof 12mm nominal size) finished with a floating coat of neat cement finish (base concrete to be neasured and paid separately) to be laid in panels including curing complete as directed.

1	x	1	x	14.40	x	9.000	=	129.600	Sq.m.
						TOTAL	=	129.600	Sq.m.

@ Rs. 449.48 / Sqm. - - - - - - - - - - - - - - - Rs. 58,253.00

Cement Required =129.60 x 2.20bags/10sqm. 29.00 Bags

@ Rs. 65 / Bag - - - - - - - - - - - - - - - Rs. 1,885.00

Item No. 12: SOR 18.7.1 Supplying, fitting and fixing door frame made of M.S equal anghles of size 40mm x 40mm x 5mm fabricarted, welded, nitres and joinedas per relevant I.S.Codes……complete at all levels as specified.

Qnty. : Door	1	x	2	x	5.40	=	10.800	Rm.
Window	1	x	2	x	5.20	=	10.400	Rm.
Ventilator	1	x	4	x	4.00	=	16.000	Rm.
					TOTAL	=	37.200	Rm.

@ Rs. 344.80 / Rm. - - - - - - - - - - - - - - - Rs. 12,827.00

Item No. 13: SOR 18.5.3 (a) Providing, fitting and fixing steel door/window of standard rooled steel section as per relevant I.S.code, joints mitred……..applying a priming coat of red-lead paint etc..complete as directed a). Openable.

Qnty. : Door	1	x	2.10	x	1.00	=	2.100 Sq.m.
Window	4	x	1.20	x	1.40	=	6.720 Sq.m.
Ventilator	4	x	1.20	x	0.60	=	2.880 Sq.m.
					TOTAL	=	11.700 Sq.m.

@ Rs. 2392.10 / Sq.m. - - - - - - - - - - - - - - - Rs. 27,988.00

Total C/O = Rs. 665,421.47

Total B/F = Rs. 665,42

Item No. 14: Providing fitting hoisting and fixing of roof trusses including purlins fabricated out of MS
SOR 18.3.1 tubes conforming to IS code as per approved design and drawing including providing MS base plates, bolts and nuts .....complete as directed.
48.3mm dia M.S.Black Tube

Rafter	5	x	2	x	5.20	x 3.27	=	170.040 Kg.
Tie	3	x	1	x	9.00	x 3.27	=	88.290 Kg.
king post	3	x	1	x	1.50	x 3.27	=	14.715 Kg.
	3	x	8	x	1.20	x 3.27	=	94.176 Kg.
	3	x	8	x	1.30	x 3.27	=	102.024 Kg.
	2	x	5	x	15.30	x 3.27	=	500.310 Kg.
	1	x	3	x	14.40	x 3.27	=	141.264 Kg.
						TOTAL =		11.108 Qntl.
						Add 10% for wastage =		1.111 Qntl.
						TOTAL =		12.219 Qntl.

@ Rs. 5875.00 / Qntl. - - - - - - - - - - - - - - - Rs. 71,78

Item No. 15: Supplying, fitting and fixing of GCI Sheet roofing (0.55mm thick)
SOR 8.1.2

Qnty. :	1	x	2	x	15.30	x 5.20	=	159.120 Sq.m.
						Add 10% for wastage =		23.868 Sq.m.
						TOTAL =		182.988 Sq.m.

@ Rs. 417.71 / Sq.m. - - - - - - - - - - - - - - - Rs. 76,43

Item No. 16: Providing GI ridging of 1.80m long (0.45mm thick)

Qnty. :	1	x	1	x	15.30		=	15.300 Rm.
						TOTAL =		15.300 Rm.

@ Rs. 130.25 / Rm. - - - - - - - - - - - - - - - Rs. 1,99

Item No. 17: Poviding barge board of size 200mmx 20mm with 1stclass local Hollock/Bonsum
SOR 9.4.1 including fitting and fixing with necessary wood screws etc. complete as directed.

Qnty. :	1	x	2	x	15.300	=	30.600 Rm.
	2	x	2	x	5.200	=	20.800 Rm.
					TOTAL =		51.400 Rm.

@ Rs. 224.81 / Rm. - - - - - - - - - - - - - - - Rs. 11,55

Item No. 18: Supplying, fitting and fixing double leaf heavy duty iron gate, rame made from 40mm x 4
SOR 17.12 6mm M.S.Angle and with M.S.Flat of 40mm x 40mm x 6mm size as per ap design.....including a red oxide painting to all iron works as directed and specified.

Qnty. :	1	x	3.00	x	0.400	=	1.200 Qntl.
					TOTAL =		1.200 Qntl.

@ Rs. 5059.15 / Qntl. - - - - - - - - - - - - - - - Rs. 6,07

Item No. 19: Construction of Toilet Block.------ Qnty. = 1 Nos. (Analysis Enclosed)

@ Rs. 38526.00 / No. - - - - - - - - - - - - - - - Rs. 38,52

Total =	Rs.	871,
Deduct Contrator's profit @ 10% =	Rs.	-79,
Total	Rs.	792,
Add 1% contigency =	Rs.	7,
Grand Total =	**Rs.**	**800,**
SAY =	**Rs.**	**800,**

T. S. accorded for Rs. 8,00,000/- (Rupees Eight lakhs only)

Technical note forwarded herewith should be followed.

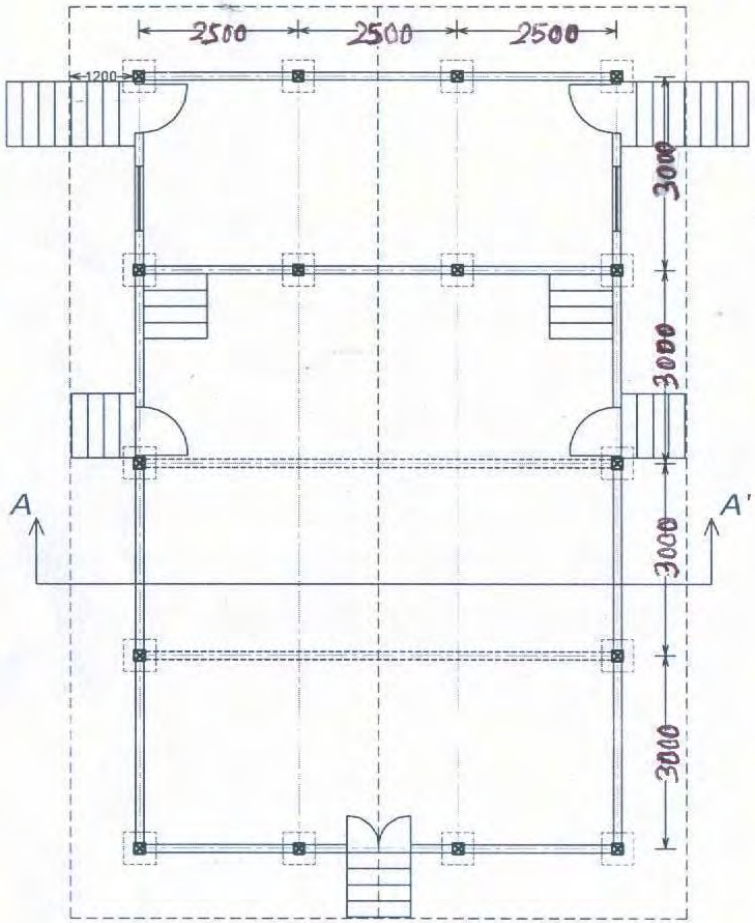
28/7/12

Rupees Eight Lakhs Only.

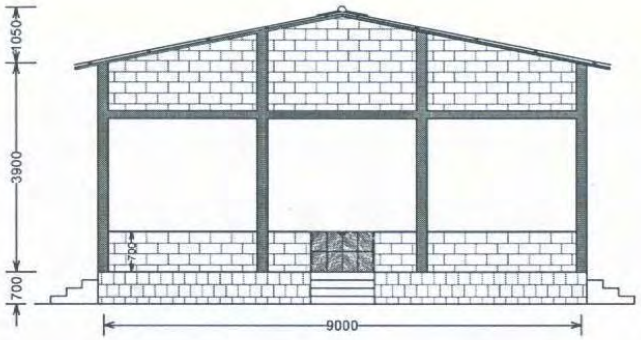
Joint Director (Tech.)
Office of the Commissioner
Panchayat & Rural Development, Assam
Panjabari, Guwahati-37

I/c Ex. Engineer
Z.P. JORHAT

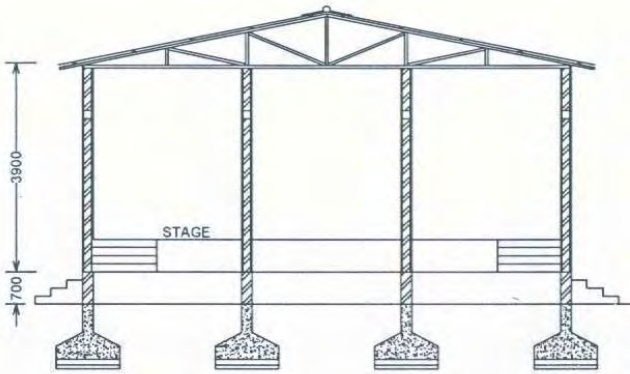
Junior Engineer
Jorhat Zila Parisha



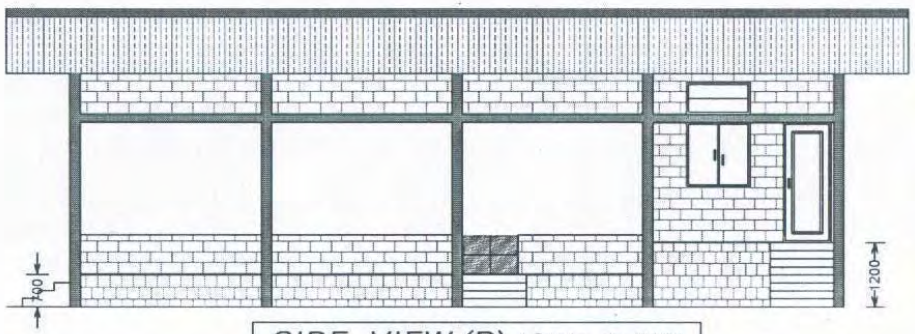
PLAN
(Scale:- 1 : 100)



ELEVATION
(Scale:- 1 : 100)

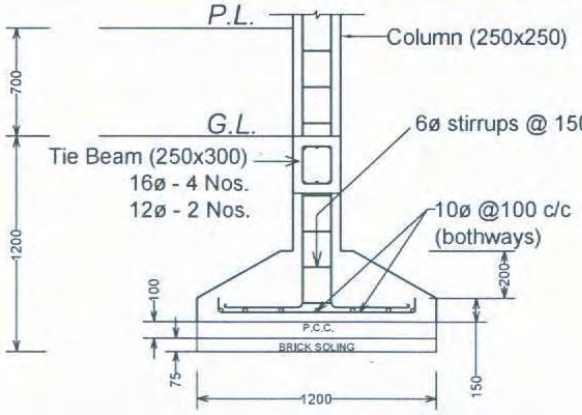


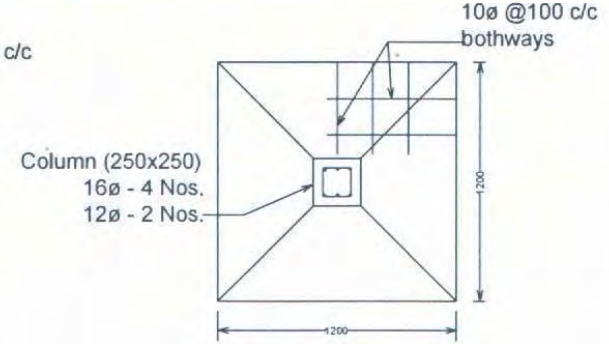
SECTION AT A-A'
(Scale:- 1 : 100)



SIDE VIEW (R) (Scale:- 1 : 100)

FOOTING DETAILS





ESTIMATE FOR TOILET BLOCK

Item No. 1: SOR 1.1 (a) Earthwork in excavation of foundation trenches including filing up sides of trenches and removal of spoils after completion of mfoundation work, dressing, ramming, shoring etc. complete including bailing out water, where necessary, in ordinary soil.

Footing :	4	x	0.600	x	0.600	x	0.900	=	1.296 Cum.
						Total Qnty.	=	1.296 Cum.	

@ Rs. 64.67 **/ Cum - - - - - - - - - - - Rs. 83.81**

Item No. 2: SOR 4.1.1 (a) Providing soling in foundation and under floor with stone/best quality picked jhama brick, sand packed and laid to level and in panel after preparing the sub-grade as directed including all labour and materials and if necessary dewatering complete.

Footing :	4	x	0.600	x	0.600	=	1.440 Sq.m.		
Under Floor	1	x	1.200	x	2.400	=	2.880 Sq.m.		
					Total Qnty.	=	4.320 Sq.m.		

@ Rs. 286.37 **/ Sq.m. - - - - - - - - - - - Rs. 1,237.12**

Item No. 3: SOR 2.1.1 (c) Plain cement concrete works with coarse aggregate of size 13mm to 32mm in foundation steps, footing of column & plinth beam as directed & specified including curing complete (shuttering where necessary shall be measured & paid separately) in proportion 1 cement: 5 sand: 10 coarse aggregate by volume.

Footing :	4	x	0.600	x	0.600	x	0.100	=	0.144 Cum.
						Total Qnty.	=	0.144 Cum.	

@ Rs. 3,130.44 **/ Cum - - - - - - - - - - - Rs. 450.78**

Cement Required = 0.144 x 4.25 bags = 1.00 Bags

@ Rs. 65 / Bag - - - - - - - - - - = Rs. 65.00

Item No. 4: SOR 18.1.1(b)(ii) Supplying, fitting and laying in position reinforcement in position in RCC works including cutting, bending, crancking, binding with two plies 0.91mm (20SWG) black annelead wire, hooking, tying complete a directed.

Column: 10ø, 4 Nos.	2	x	4	x	3.725	x	0.620	=	18.476	Kg.
Column: 10ø, 4 Nos.	2	x	4	x	3.425	x	0.620	=	16.988	Kg.
Tie Beam: 10ø, 4 Nos.	2	x	4	x	2.400	x	0.620	=	11.904	Kg.
Tie Beam: 10ø, 4 Nos.	2	x	4	x	1.200	x	0.620	=	5.952	Kg.
Lintel Beam: 8ø, 4 Nos.	2	x	4	x	2.400	x	0.390	=	7.488	Kg.
Lintel Beam: 8ø, 4 Nos.	2	x	4	x	1.200	x	0.390	=	3.744	Kg.
Clom. Binder: 6ø @ 150 c/c	2	x	25	x	0.550	x	0.220	=	6.010	Kg.
Clom. Binder: 6ø @ 150 c/c	2	x	23	x	0.550	x	0.220	=	5.526	Kg.
Tie Binder: 6ø @ 150 c/c	2	x	16	x	0.650	x	0.220	=	4.576	Kg.
Tie Binder: 6ø @ 150 c/c	2	x	8	x	0.650	x	0.220	=	2.288	Kg.
Lintel Binder: 6ø @ 150 c/c	2	x	16	x	0.550	x	0.220	=	3.872	Kg.
Lintel Binder: 6ø @ 150 c/c	2	x	8	x	0.550	x	0.220	=	1.936	Kg.
							Total Qnty.	=	88.760	Kg.
							Total Qnty.	=	0.888	Qntl.

@ Rs. 4,746.44 **/ Qntl. - - - - - - - - - - - Rs. 4,214.84**

Price Difference @ Rs. 1400.00 / Qtl. - - - - - - - - - - - - - Rs. 1,243.20

Total C/O =	**Rs.**	**7,294.75**
Total B/F =	**Rs.**	**7,294.75**

Item No. 5: SOR 3.1.1.1(ii) Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering and propping etc. and removal of the same of in-situ reinforced and plain concrete work in (Using 25mm thick plank)(i) Foundation, footing, bases of cloumn, pile cap, raft and mass concrete works etc and sides of tie beams, plinth beams, grade beams etc. at or below plinth level.

Qnty:	4	x	4	x	0.600	x	0.200	=	1.920	Sq.m.
	2	x	4	x	3.625	x	0.150	=	4.350	Sq.m.
	2	x	4	x	3.325	x	0.150	=	3.990	Sq.m.
	2	x	2	x	2.400	x	0.150	=	1.440	Sq.m.
	2	x	2	x	1.200	x	0.150	=	0.720	Sq.m.
	2	x	2	x	2.400	x	0.150	=	1.440	Sq.m.
	2	x	2	x	1.200	x	0.150	=	0.720	Sq.m.
							Total Qnty.	=	14.580	Sq.m.

@ Rs. 140.84 **/ Sq.m. - - - - - - - - - - - Rs. 2,053.45**

Item No. 6: SOR 2.2.1 (I)(A)(a) R.C.C work in proportion 1:3:6 in foundation, abutment, piers, wing ewalls etc. with hard broken stone aggregate of size 13mm to 38mm including curing with necessary timber chuttering, scaffolding where necessary, complete as directed (Shuttering, scaffolding cost will be paid separately.)

SUB-STRUCTURE

Footing:	4	x	0.60	x	0.60	x	0.200	=	0.288	Cum.
Colm. upto PL	4	x	0.15	x	0.15	x	0.925	=	0.083	Cum.
	2	x	2.40	x	0.15	x	0.20	=	0.144	Cum.
	2	x	1.20	x	0.15	x	0.20	=	0.072	Cum.
(-)	4	x	0.15	x	0.15	x	0.20	=	-0.018	Cum.
							Total Qnty.	=	0.569	Cum.

@ Rs. 4,734.15 **/ Cum - - - - - - - - - - - Rs. 2,693.73**

Cement Required = 0.692 x 6.13 bags = 3.00 Bags

@ Rs. 65 / Bag - - - - - - - - - - - - - - - Rs. 195.00

SUPER-STRUCTURE

Cloumn	2	x	2.70	x	0.15	x	0.15	=	0.122	Cum.
	2	x	2.40	x	0.15	x	0.15	=	0.108	Cum.
	2	x	2.40	x	0.15	x	0.13	=	0.094	Cum.
	2	x	1.20	x	0.15	x	0.13	=	0.047	Cum.
(-)	4	x	0.20	x	0.20	x	0.15	=	-0.024	Cum.
							Total Qnty.	=	0.347	Cum.

2.2.1 (B)(ii)(a) ***@ Rs. 4,929.24*** **/ Cum - - - - - - - - - - - Rs. 1,710.45**

Cement Required = 0.525 x 6.13 bags = 2.00 Bags

@ Rs. 65 / Bag - - - - - - - - - - - - - - - Rs. 130.00

Item No. 8: SOR 1.3 (C) Earth/Sand filling in plinth in layers not more than 15cm thick, including necessary carriage, watering, ramming, etc. complete as directed and specified including payment of land compansation, forest royelty, sales tax and other duties and taxes may be necessary.(C) With riversand or silt by truck carriage including loading and unloading

	1	x	2.40	x	1.20	x	0.300	=	0.864	Cum
							Total Qnty.	=	0.864	Cum

@ Rs. 322.75 **/ Cum - - - - - - - - - - - Rs. 278.86**

Total C/O =	**Rs.**	**14,077.38**
Total B/F =	**Rs.**	**14,077.38**

Item No. 9: SOR 4.1.7 112mm thick 1st class brick nogged wall in cement mortar including rackingout joints and curing complete as directed in super structure above plinth upto 1st floor level(protuding MS Tor Steel of column to be embeded in cement mortar and will be measured and paid separately) (b) In prop. 1:4

	1	x	2.400	x	2.700	=	6.480	Sq.m.
	1	x	2.400	x	2.400	=	5.760	Sq.m.
3 x	0.5	x	(2.70+2.40)	x	1.200	=	11.475	Sq.m.
(-)	2	x	2.100	x	0.750	=	-3.150	Sq.m.
					Total Qnty.	=	20.565	Sq.m.

 # / Sq.m. - - - - - - - - - - - Rs. 10,665.42

Cement Required = 20.565 x 2.13 bags/10sqm. = 4.00 Bags

@ Rs. 65 / Bag - - - - - - - - - - = Rs. 260.00

Item No.10: SOR 6.2.1 10mm thick cement plaster in single coat on fair side of brick/concrete walls for interior plastering upto 1st floor level including arises or rounded angles not exceeding 80mm girth and finished even and smooth including curing complete as directed. (b). In prop. 1:4

Same as item No.9 = 20.565 Sq.m.

@ Rs. 88.60 **/ Sq.m. - - - - - - - - - - Rs. 1,822.06**

Cement Required = 41.13 x 0.87 bags/10sqm. = 2.00 Bags

@ Rs. 65 / Bag - - - - - - - - - - - - - - = Rs. 130.00

Item No.11: SOR 5.1.3 40mm thick CC flooring consisting of 25mm under layer of cement concrete in prop 1:3:6(1cement:3coarse sand:6coarse aggregate of 12.5mm down…….complete as directed.

1	x	2.400	x	1.200	=	2.880	Sq.m.
				Total Qnty.	=	2.880	Sq.m.

@ Rs. 345.32 **/ Sq.m. - - - - - - - - - - Rs. 994.52**

Item No.:12 SOR 18.3.1 Providing fitting hoisting and fixing of roof trusses including purlins fabricated out of MS black tubes conforming to IS code as per approved design and drawing including providing MS cleats, base plates, bolts and nuts and one coat of red oxide primer as directed.

42.4ø Pipe	3	x	2.100	x	3.150	=	19.845	Kg.
	3	x	3.000	x	3.150	=	28.350	Kg.
					Total Qnty.	=	48.195	Kg.
					Total Qnty.	=	0.482	Qntl.

@ Rs. 5,875.00 **/ Qntl. - - - - - - - - - - Rs. 2,831.46**

Item No.13: Supplying, fitting and fixing of GCI Sheet roofing (0.45mm thick)

	1	x	2.10	x	3.000	=	6.300	Sq.m.

@ Rs. 335.27 **/ Sq.m. - - - - - - - - - - Rs. 2,112.20**

Total C/O =	**Rs.**	**30,780.83**
Total B/F =	**Rs.**	**30,780.83**

Item No.:14 SOR 18.7.1 Supplying, fitting and fixing door frame made of M.S equal angles of size 40mmx40mmz5mm fabricarted, welded, nitres and joinedas per relevant I.S.Codes……complete at all levels as specified.

Qnty: 2 x 4.950 = 9.900 Rm.

Total Qnty. = 9.900 Rm.

@ Rs. 334.80 **/ Rm. - - - - - - - - - - - Rs. 3,314.52**

Item No.:15 SOR 9.9.2 (B) Providing, fitting and fixzing ful panel doors/windows including oxidised MS butt hinges(100mmx75mmx3.55) with necessary screws(other fittings to be measured and paid separately.)(iii) 30mm thick

Qnty: 2 x 2.100 x 0.750 = 3.150 Sq.m.

Total Qnty. = 3.150 Sq.m.

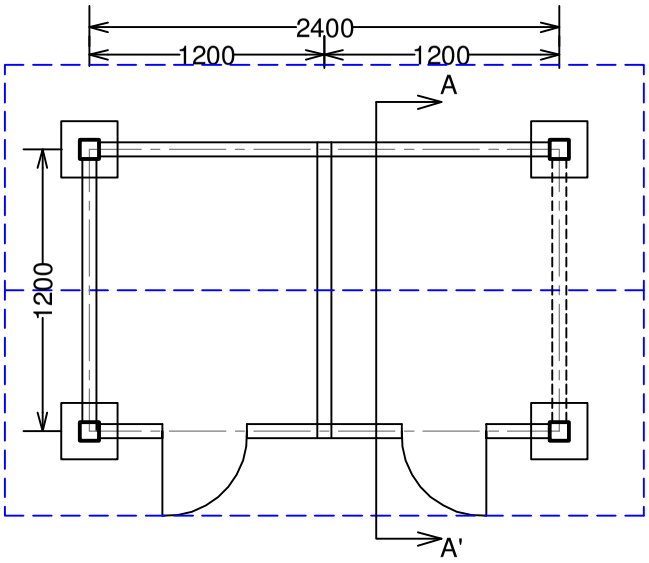
@ Rs. 1,406.43 **/ Qntl. - - - - - - - - - - - Rs. 4,430.25**

Total = Rs. 38,525.61

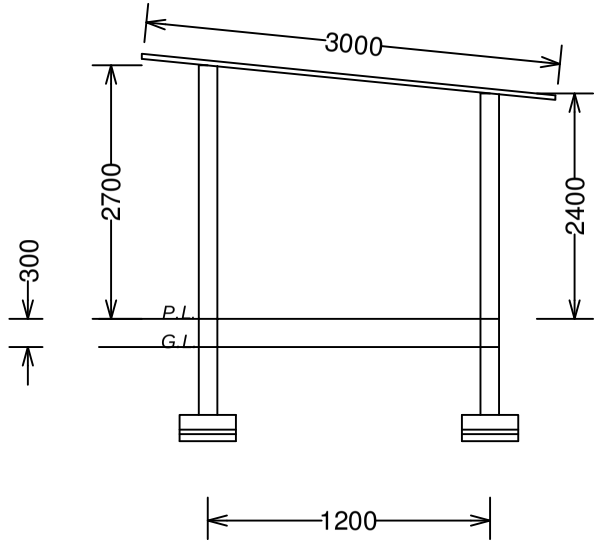
SAY = Rs. 38,526.00

Rupees Thirty Eight Thousand Five Hundred and Twenty Six Only.

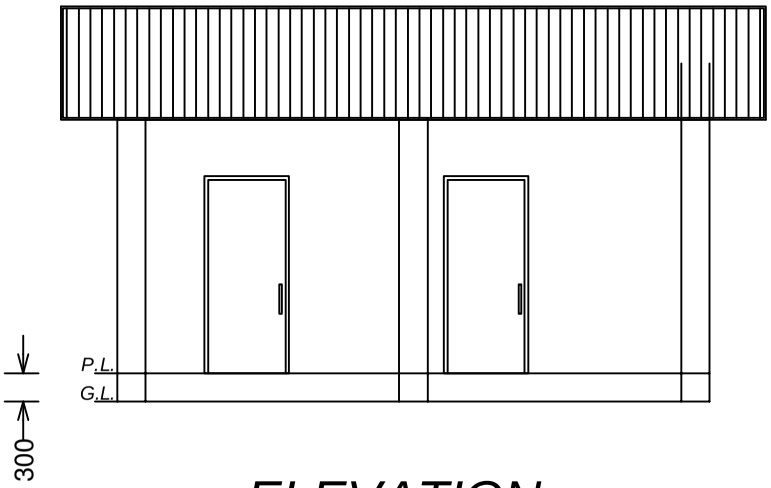
Shri Ratul Ch. Duarah, ACS	***Shri Bikash Bordoloi***	***Shri Lakhi Handiquie***
Chief Executive Officer	**Assistant Engineer**	**Junior Engineer**
Jorhat Zila Parishad	**Jorhat Zila Parishad**	**Jorhat Zila Parishad**



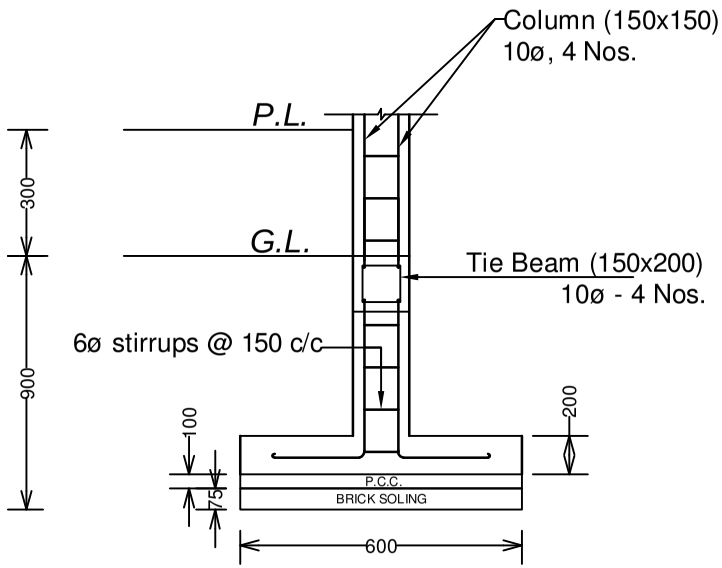
PLAN of TOILET BLOCK

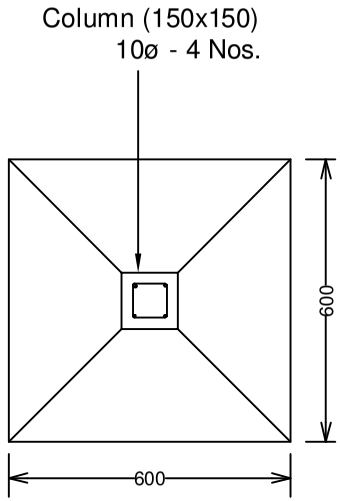


Section at A-A'



ELEVATION





Footing Details

ESTIMATE

Name of Work : **Model Estimate for Community Hall at GP Office campus under General Perfomance grant, 13 F.C (Majuli Sub Division)**

Name of G.P : **Rs.8,00,000.0**

Estimated Amount : Rs. 800,000.00

JORHAT ZILLA PARISHAD, JORHAT

JORHAT

Name of Work : Model Estimate for Community Hall at GP Office campus under General Perfomance grant, 13 F.C (Majuli Sub Division)

Name of G.P. : Rs.8,00,000.0

Area Covered : 9.00 M x 14.40 M

Estimated Amoount : Rs. 800,000.00

REPORT

This estimate amounting to Rs. 800,000.00 (Rupees Eight Lkhs) only has been framed to

to show the Probable cost of Construction of community hall cum stage at G.P office campus under general perfomance grant, 13 F.C in Jorhat District.

The following provisions has been made in this estimate.

1). Earth work in Excavation / filling.
2). Brick soiling in foundation.
3). Plain cement concrete works.
4). Supplying fitting and fixing in positions reinforcement bars.
5). Form work.
6). Reinforced Cement Concrete works.(Sub-Structure & Super structure)
7). Brick works in Sub-Structure.
8). Providing, fitting and fixing of Steel Roof Truss
9). Providing, fitting and fixing of GCI Sheets

The estimate has been prepared as per APWD Schedule of Rates (Building) for the year 2010-2011 and all works will be carried out in accordance with the general guidelines and specification of APWD, Assam current in the state.

Countersigned By:

Shri Ratul Ch. Duarah, ACS
Chief Executive Officer
Jorhat Zilla Parishad
Jorhat

Prepared By

Shri Lakhi Handiquie
Junior Engineer
Jorhat Zilla Parishad
Jorhat

PROPOSED COMMUNITY HALL (MAJULI SUB-DIVISION) UNDER 13TH FINANCE COMMISSION, PERFORMANCE GRANT,2010/11 UNDER JORHAT ZILLA PARISHAD.

1. GROUND FLOOR

ITEM:

Sl.	Description	Qty.	Unit	Rate	Amount
1/1.1	Earth work in excavation in foundation trenches of walls, columns, steps etc. including refilling the quantity after completion of work—in ordinary soil				
	Post= 2x1.0x1.0x1.0=2.0 Cm				
	Post= 14x1.2x1.2x1.2 = 24.192cum	26.19	Cum.	64.67	1693.84
2/4.1.1	Providing soling in foundation and under floor at all levels with jhama bricks—brick flat soling.				
	Footing-14x1.2x1.2=20.16 sq.m.				
	2x1.0x1.0= 2.000sq.m.				
	Floor&T/beam-12.25x7.75=94.94sq.m.	117.10	Sqm	286.37	33533.93
3/2.1.1	PCC works in 1:4:8 with coarse agg. of size 13mm to 32mm in foundation bed of footing, steps,walls etc.				
	14x1.20x1.20x0.10=2.016cem.				
	2x1.00x1.00x0.10=0.200 cem.	2.216	Cum.	3,398.10	7530.19
4/18.1.1	Supplying, fitting, fixing in position reinf. bars including cutting bending to proper shape and length and binding with 20G black wire --torsteel.				
	Footing,100mm c/c,				
	14x26x1.20x0.62 = 270.811kg.				
	2x22x1.00x0.62=27.28Kg				
	Column 16mm & 12mm dia				
	10x4x6.30x1.58=398.16 kg				
	2x4x3.05x1.58=38.55kg				
	10x2x6.30x0.89=112.14 kg.				
	4x2x7.80x0.89=55.53 kg.				
	Tie beam , 16mm				
	2x12.00x4x1.58=151.68kg				
	3x4x7.5x1.58 =142.20 kg				
	Extrabar 12mm,2x2x10x1.200x0.89=42.72 kg.				
	3x2x7.50x0.89 =40.05 kg				
	Lintel 12mm, 2x4x12.00x089=85.44 kg				
	2x4x7.50x0.89 =53.40 kg				
	Stirrups 6mm dia.				

	Column. 10x41x0.83x0.22=74.86				
	4x51x0.83x0.22 = 37.25 Kg.				
	2x19x0.83x0.22=6.93				
	T.beam 2x80x0.83x0.22=29.21				
	3x50x0.83x0.22=27.39				
	Lintel. 2x80x0.55x0.22=19.36				
	2x50x0.55x0.22=12.10				
	Total = 1822.24 kg, adding 10% for wastage, lapping etc. total = 2004.46 kg , say 20.1 Qtl	20.1	Qtls.	5290.41	106337.24
5/3.1.1.1	Providing form work of ordinary timber shuttering to give a rough finish in sub structure--25mm th.				
	(a) Substructure				
	Footing = 14x4x0.20x1.00 = 11.20 sqm.				
	2x4x0.20x0.80 = 1.28 sqm.				
	Column =10x4x0.25x5.35 = 53.50 sqm.				
	4x4x0.25x6.85 = 27.40 sqm.				
	2x4x0.25x2.05 = 4.10 sqm.				
	T.beam 2x2x0.30x12.00=14.40 sqm.				
	3x2x0.30x7.50 = 13.50 sqm.				
	Lintel 2x2x0.20x12.00 = 9.60 sqm.				
	2x2x0.20x7.50 = 6.00 sqm.				
	2x1x0.15x12.00=3.60 sqm.				
	2x1x0.15x7.50 = 2.25 sqm.	146.83	Sqm	213.7	31377.57
6/2.2.1(a)	Providing and laying RCC works in Prop. 1:2:4 including curing etc. complete as directed.				
	(a) Sub-structure				
	14x1.00x1.00x0.20 = 2.80cm.				
	2x0.80x0.80x0.20 = 0.25cm.				
	14x1/2x(1.0x1.0+0.25x0.25)0.35=2.55 cm				
	2x1/2(0.80x0.8+0.25x0.25)x0.35 = 0.24cm.				
	16x0.25x0.25x2.05 = 2.05cm.				
	T.beam. 2x12.00x0.25x0.30 =1.80cm.				
	3x7.50x0.25x0.30 = 1.68cm.	11.37	cm	4734.15	53827.29
2.2.1 (ii)	(b) Super-structure				
	10x0.25x0.25x3.30 = 2.06cm.				
	4x0.25x0.25x4.80 = 1.20cm.				
	Lintel 2x12.00x0.20x0.15 =0.72cm.				
	2x7.50x0.20x0.15 = 0.45cm.				
		4.43	Cum.	4,929.24	21836.53
7/4.15(c)	Brick work in cement mortar in prop 1:4 with first class brick including racking out joints and curing complete upto plinth level				

	2x9.00x1.20x0.25 = 5.40				
	1x7.50x1.20x0.25 = 2.25				
	2x3.00x1.80x0.25 = 2.70				
	2x7.50x1.80x0.25 =6.75				
	Steps,6x1.65x0.3(0.15+0.3+0.45+0.6)=4.46cm	21.56	Cum.	4,632.20	99870.23
8/1.3(c)	Sand filling in layers not more than 15cm thick including breaking clods, dressing, ramming etc. complete by truck carriage.				
	1x9.00x7.50x1.50=101.25cm				
	1x3.00x7.50x2.10=47.25cm				
	total = 148.5 cm.	148.50	Cum.	322.75	47928.38
4/4.1.7	112mm thick 1st class brick nogged wall in cement mortar 1:4 including racking out joints and curing complete.				
	S/wall, 1x7.5x(0.75+0.75) = 11.25sqm				
	1x7.5x3.30 =24.75sqm				
	2x1/2x7.5x1.5 =11.25 sqm				
	2x3.00x3.30 =19.80 sqm				
	2x9.00x(0.75+0.75)=27.00 sqm				
	total = 94.05 sqm.				
	Deduction.				
	Door. 2x2.10x1.00=4.20 sqm				
	3x0.75x1.00=2.25 sqm				
	Window2x1.20x1.00=2.40 sqm				
	Ventilator2x0.50x1.00=1.00 sqm				
	Total deduction = 9.85 sqm				
	Net Area = 84.2 Sqm.	84.20	sqm	518.62	43667.80
10/62.1.a	10mm thick cement plastering in single coat in proportion 1:4				
	Plinth. 2x9.00x1.20 = 21.60cm				
	2x3.00x1.80 = 10.80cm				
	1x7.50x1.20 = 9.00cm				
	1x7.50x1.80 = 13.50cm				
	Wall. 2x2x(0.75+0.75)x9.00=54.00cm				
	2x2x3.00x3.30=39.60cm				
	1x2x7.50x(0.75+0.75)=22.50cm				
	2x2x0.5x7.5x1.5=22.50cm				
	1x2x7.50x3.30 =49.50 cm.				
	Deduction for opening.				
	Door. 2x2x2.10x1.00 =8.40cm				
	3x2x0.75x1.00 = 4.50cm				

	Window.2x2x1.20x1.00=4.80cm				
	Ventilator.2x2x0.50x1.00=2.00cm	223.30	Sqm	88.6	19784.38
13/5.1.4	65 mm thick PCC flooring in prop. 1:2:4 finished with a floating coat of neat cement finish including curing.				
	1x7.50x12.00 = 90.00 SQm	90.00	Sqm	449.48	40453.20
12/18.7.1	Supplying,fitting, fixing door frame made of MS angles of size. 40mmx40mmx5mm fabricated, welded…..				
	Door 2x(2.1+2.1x1.2)=10.80 rm				
	Window 2x(2x1.2+2x1.00)=8.80rm				
	Ventilator 4x(2x0.5+2x1.00)=10.00rm	31.60	Rm	344.8	10895.68
14/13.2.1	Colour washing with lime on wall surface two coats to give an even shadeincluding priming coat etc.	223.30	Sqm.	21.40	4778.62
8/8.1.32	Providing Pre Painted Galvanized Iron Sheet roofing (Dyna roof) at all levels including fitting and fixing with self drilling, self tapping screws complete in 0.60mm thick.				
	2x13.2x4.5 = 118.8sqm.	118.80	Sqm.	811.15	96364.62
9/8.1.37	Providing Pre Painted Galvanized Iron Sheet (Dyna roof) at all levels including fitting and fixing with self drilling, self tapping screws complete in 0.60mm thick.				
	13.2 R.m	13.20	R.m	484.89	6400.55
10/18.3.1	Providing fitting, hoisting and fixing of roof trusses including purlins fabricated out of M.S. black-tubes conforming to relevant I.S. code as per approved design and drawings as directed.				
	post plate= 2(12.0+7.5)=39 RM				
	Raftar=5x4.5x2 = 45 RM				
	King post = 5x1.5 = 7.5 RM				
	Tie = 5x7.5 = 37.5 RM				
	Purlin = 10x13.2= 132 RM				
	Member =5x2(1.8+1.2+.9+.6) = 45.0 RM				
	Runner=2x10.0=20.0 RM				
	Total = 326x 3.15Kg/rm =1026.9 kg, adding 10% for wastage, lapping,base plate etc. = 1129.6 kg, say 11.3 qtl	11.30	Qtls.	5,875.00	66387.50
	TOTAL CIVIL COST OF THE BUILDING			**Rs.**	**692667.54**

Abstract (A)				
1. CIVIL COST OF THE BUILDING				692667.54

(B) cost difference Adding ~~surcharge~~ for cement/rod as per APWD notification	Qty	unit	Rate	Amount
1. Concrete = 15.8 x 6.14bgs= 97 bag	97	bag	65.00	6305.00
2. Plaster = 223.3 Sqm x 1.31/10 sqm = 29 Bag	76	bag	65.00	4940.00
3. Floor = 90.0Sqm x 1.60/10 sqm = 14 Bag	14	bag	65.00	910.00
4 PCC = 2.53 cm x 4.25 bag/cm = 11 Bag	11	bag	65.00	715.00
5.Brick work = 21.56cm x 2.0/ cm = 43 Bag	43	bag	65.00	2795.00
6.112 mm brickwall =84.2x 2.13/10 sqm =18 Bag	18	bag	65.00	1170.00
7. TMT Bar = 20.1 qtl	20.10	Qtls	1400.00	28140.00
TOTAL			Rs.	44975.00

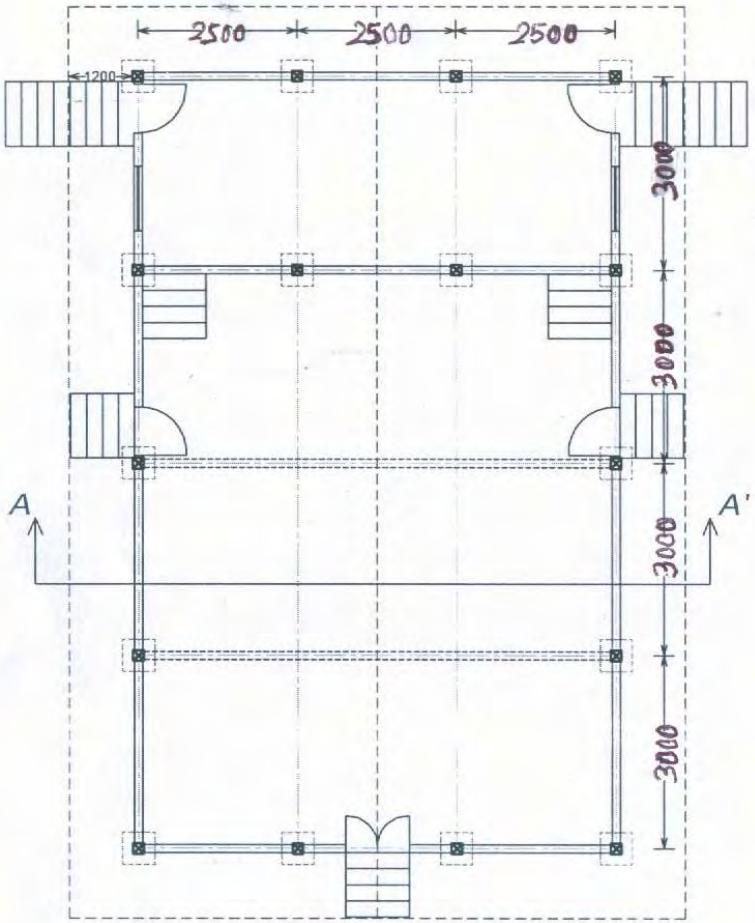
TOTAL CIVIL COST OF THE BUILDING (A) + (B)				
1. Deduct 10% contractors profit				737642.54
Net amountof civil works				73764.25
2. ~~Site cleaning~~ @ 1% of civil cost / Contingency -				663878.29
3.20% ~~surcharge~~ for Majuli subdivision as per APWDSOR				6638.78
SERVICES Premium				132775.66
				803292.73
TOTAL COST OF THE BUILDING			Say,Rs.	800000.00
			Rs.	8,00,000.00
				(Rupees Eight Lakh) only

PREPARED BY.

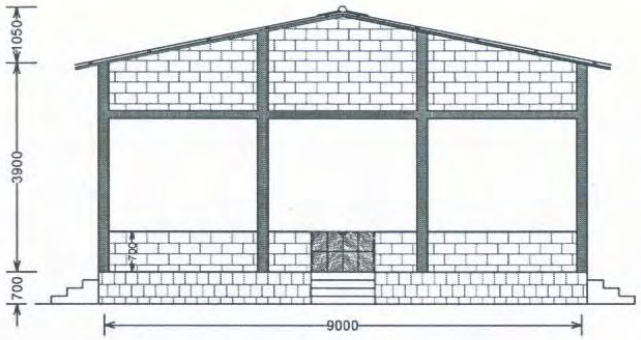
ER. B. BORDOLOI.
BE, PGDRD, FIV, MIE.
Chartered Engineer, Appvd. Valuer

T. S. accorded for Rs. 8,00,000/- (Rupees Eight lakhs) only
Technical note forwarded herewith should be followed.

26/7/12
Joint Director (Tech.)
Office of the Commissioner
Panchayat & Rural Development, Assam
Panjabari, Guwahati-37



PLAN
(Scale:- 1 : 100)



ELEVATION
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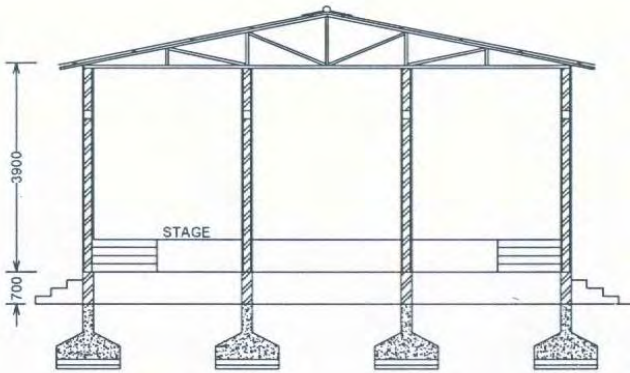
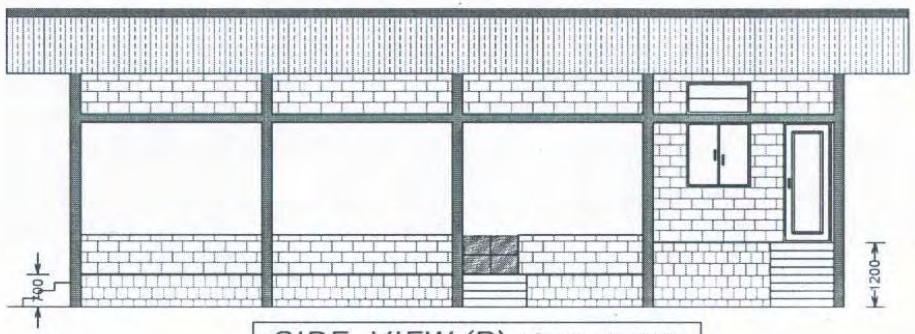


SECTION AT A-A'
(Scale:- 1 : 100)



SIDE VIEW (R) (Scale:- 1 : 100)

FOOTING DETAILS