ESTIMATE FOR BUILDING

AWARD OF 13TH FINANCE COMMISSION

2011 – 2012

NAME OF SCHEME : - CONSTRUCTION OF COMMUNITY HALL AT USHAPUR VILLAGE.

NAME OF Z.P.C. : - PANIDIHING.

DEV. BLOCK : - DEMOW.

NAME OF G.P. : - PANIDIHING.

ESTIMATED AMOUNT: - RS.8,00,000.00

SIVASAGAR ZILA PARISHD

Annual Plan : - 13 th Finance, 2011 - 12
State : - Assam.
District : - Sivasagar.
DRDA/Z.P : - Sivasagar.
Dev. Block : - Demow.
G.P. : - Panidihing.
Name of work : - Construction of Community Hall at Ushapur village.
E/ Amount : - Rs.8,00,000.00

R E P O R T

This estimate an amounting to Rs.8,00,000.00 (Rupees eight lakh) only has been framed to show the probable cost for "Construction of Community Hall at Ushapur village " under 13 th Finance 2011 – 12.

This estimate is prepared as approved scheme of 13 th Finance 2011 – 2012. The Stage of the Ushapur Community Hall has already existed. In this estimate construction of green room and construction of Hall work is included.

The following provision have been made in this estimate.

1.Post : - 20cm x 20 cm R.C.C. post with 4 Nos. 12 mm dia. + 2 Nos. 10 mm dia. Longitudinal bar and 6 mm @15 cm c/c lateral reinforcement.
2.Plinth wall : - 25 cm thick first class brick work in cement morter 1:5 over R.C.C. beam.
3. Wall : - 112 mm thick first class brick wall in cement morter 1:4
4.Roofing : - 0.50 mm GCI sheet roofing over M.S pipe Tubular truss.
5.Height of plinth : - 45 cm
6.Height of Building : - 4.25 m

The estimate has been prepared on the basis of Chief Engineer , PWD Building for Assam Schedule of rates for 2010 – 2011 and 10% contractor profit has been deducted from this estimated amount. 1% added for contingency in this estimate.

All works will be carried out as per APWD general specification current in the state.

Junior Engineer
Sivasagar Zila Parishad

Detailed estimate

Name of work : - Construction of Community Hall at Ushapur village under 13th Finance 2011 - 2012.

Item No 1/1.1. : - Earth work in excavation for foundation trenches for wall s, footings of columns ,step, septic tank etc. including return filling the quantity as necessary complete as directed.

(a) In ordinary soil

Post	- 6 x 0.75 x 0.75 x 0.95	= 3.21 m^3
	- 16 X 0.90 X 0.90 X 1.15	= 14.90 m^3
Step	- 2 x 2.00 x 1.30 x 0.10	= 0.52 m^3
	- 1 x 3.10 x 0.65 x 0.10	= 0.20 m^3
	T0tal	= 18.83 m^3

@Rs.64.67 – 10% C.P./m^3 = Rs.58.20/m^3 ……. = Rs.1,096.00

Item No 2/2.1.1 : - Plain cement concrete work in cement concrete prop.1:4:8 in foundation of wall , footings etc. complete as directed.

Under post	- 6 x 0.975 x 0.75 x 0.075	= 0.253 m^3
	-16 x 0.90 x 0.90 x 0.075	= 0.972 m^3
Under step	- 2 x 2.00 x 1.30 x 0.075	= 0.390 m^3
	- 1 x 3.10 x 0.65 x 0.075	= 0.151 m^3
	Total	= 1.766 m^3

@Rs.3398.10 – 10% C.P./m^3 = Rs.3058.29/m^3……. = Rs.5,401.00

Item No 3/4.1.1. : - - Providing brick soling in foundation and under floor with best quality pick jhama brick , sand packed and laid to level and in panel after preparing the sub-grade as directed including all labour and materials.

(a) Brick on flat soling

Under post	- 6 x 0.75 x 0.75	= 3.38 m^2
	- 16 x 0.90 x 0.90	= 12.96 m^2
	Total	= 16.34 m^2

@Rs.286.37 – 10% C.P./m^2 = Rs.257.73/m^2…… = Rs.4,211.00

Item No 4/18.1.1. : - Supplying , fitting and fixing of reinforcement bars for R.C.C. works including cutting ,bending to proper shapes etc. and binding with black wire complete.

(A) HYSD Bars

Post jali	- 6 x 14 x 0.75 x 0.62	= 39.06 kg
	- 16 x 18 x 0.90 x 0.62	= 160.70 kg
Post	- 6 x 4 x 4.45 x 0.89	= 95.05 kg
	- 16 x 4 x 5.95 x 0.89	= 338.91 kg
	- 16 x 2 x 5.95 x 0.62	= 118.05 kg
Plinth beam	- 4 x 4 x 2.00 x 0.89	= 28.48 kg
	- 2 x 4 x 6.10 x 0.89	= 43.43 kg
	- 2 x 4 x 21.35 x 0.89	= 152.01 kg
	- 1 x 4 x 9.15 x 0.89	= 32.57 kg
Lintel	- 4 x 4 x 2.00 x 0.62	= 19.84 kg
	- 2 x 4 x 6.10 x 0.62	= 30.26 kg
	- 2 x 4 x 21.35 x 0.62	= 105.90 kg

	- 1 x 4 x 9.15 x 0.62	= 22.69 kg	
Post plate	- 2 x 4 x 21.35 x 0.62	= 105.90 kg	
	- 1 x 4 x 9.15 x 0.62	= 22.69 kg	
	Total	= 1315.54 kg	
Add. 5% for wastage		= 65.78 kg	
	Net	= 1381.32 kg = 13.81 q	
@Rs.5290.41 – 10% C.P./q	= Rs.4761.37/q	……	= Rs.65,755.00

(B) 6 mm dia M.S. stirrups @15 cm c/c

Post	- 6 x 9 x 0.95 x 0.22	= 11.29 kg	
	- 6 x 20 x 0.47 x 0.22	= 12.41 kg	
	- 16 x 10 x 0.95 x 0.22	= 33.44 kg	
	- 16 x 28 x 0.75 x 0.22	= 73.92 kg	
Plinth beam	- 4 x 11 x 1.05 x 0.22	= 10.16 kg	
	- 2 x 36 x 1.05 x 0.22	= 16.63 kg	
	- 2 x 126 x 1.05 x 0.22	= 58.21 kg	
	- 1 x 54 x 1.05 x 0.22	= 12.47 kg	
Lintel	- 4 x 12 x 0.50 x 0.22	= 5.28 kg	
	- 2 x 36 x 0.50 x 0.22	= 8.36 kg	
	- 2 x 133 x 0.50 x 0.22	= 29.26 kg	
	- 1 x 57 x 0.50 x 0.22	= 6.27 kg	
Post plate	- 2 x 133 x 0.50 x 0.22	= 29.26 kg	
	- 1 x 57 x 0.50 x 0.22	= 6.27 kg	
	Total	= 313.23 kg	= 3.13 q
@Rs.5241.78 – 10% C.P./q	= Rs.4717.60/q	……	= Rs.14,766.00

Item No 5/3.1.1.1. : - Providing form work of ordinary timber planking including centering , shuttering , propping etc. complete and removal of forms after completion of work. (using 25 mm thick planks)

Post base	- 6 x 4 x 0.75 x 0.18	= 3.24 m^2	
	- 16 x 4 x 0.90 x 0.18	= 10.37 m^2	
Trap.portion	- 6 x 4 x $^1/_2$(0.25 + 0.60) x 0.27	= 2.75 m^2	
	- 16 x 4 x $^1/_2$(0.25 + 0.75) x 0.39	= 12.48 m^2	
Footings	- 6 x 4 x 0.25 x 0.95	= 5.70 m^2	
	- 16 x 4 x 0.25 x 1.05	= 16.80 m^2	
	Total	= 51.34 m^2	
@Rs.140.84 – 10% C.P./m^2	= Rs.126.76/m^2	……	= Rs.6,508.00
5/3.1.1.2-Plinth beam	- 2 x 2 x 5.60 x 0.30	= 6.72 m^2	
	- 4 x 2 x 1.75 x 0.30	= 4.20 m^2	
	- 2 x 2 x 19.60 x 0.30	= 23.52 m^2	
	- 1 x 2 x 8.40 x 0.30	= 5.04 m^2	
	Total	= 39.48 m^2	
@Rs.191.27 – 10% C.P./m^2	= Rs.172.14/m^2	……	= Rs.6,796.00

In superstructure ,

5/3.1.1.3 - Post- 6 x 4 x 0.13 x 3.00 = 50.40 m^2

- 16 x 4 x 0.20 x 4.25 = 28.80 m^2

Total = 79.20 m^2

@Rs.213.73 – 10% C.P./m^2 = Rs.192.36/m^2 …… = Rs.15,235.00

(using two times)

5/3.1.1.4 – Lintel - 4 x 3 x 1.81 x 0.15 = 3.26 m^2

- 2 x 3 x 5.84 x 0.15 = 5.26 m^2
- 2 x 3 x 19.95 x 0.15 = 17.96 m^2
- 1 x 3 x 8.55 x 0.15 = 3.85 m^2

Post plate - 2 x 3 x 19.95 x 0.15 = 17.96 m^2

- 1 x 3 x 8.55 x 0.15 = 3.85 m^2

Total = 52.14 m^2

@Rs.163.01 – 10% C.P./m^2 = Rs146.71/m^2……. = Rs.7,649.00

Item No 6/2.2.1. : - Providing and laying R.C.C. work in proportion 1;2;4 with 20 mm down graded stone aggregate including curing complete but excluding cost of form work and reinforcement.

In sub – structure,

Post base - 6 x 0.75 x 0.75 x 0.10 = 0.338 m^3

- 16 x 0.90 x 0.90 x 0.10 = 1.296 m^3

Trap.portion - 6 x 0.20/6($0.25^2 + 0.60^2 + 4(0.25 + 0.60)^2/4$) = 0.229 m^3

- 16 x 0.20/6($0.25^2 + 0.75^2 + 4(0.25 + 0.75)^2/4$) = 1.300 m^3

Footing - 6 x 0.25 x 0.25 x 0.95 = 0.356 m^3

- 16 x 0.25 x 0.25 x 1.05 = 1.050 m^3

Plinth beam - 4 x 1.75 x 0.25 x 0.30 = 0.525 m^3

- 2 x 5.60 x 0.25 x 0.30 = 0.840 m^3
- 2 x 19.60 x 0.25 x 0.30 = 2.940 m^3
- 1 x 8.40 x 0.25 x 0.30 = 0.630 m^3

Total = 9.504 m^3

@Rs.4734.15 – 10% C.P./m^3 = Rs.4260.73/m^3 …… = Rs.40,494.00

In superstructure,

Post - 6 x 0.13 x 0.13 x 3.00 = 0.304 m^3

- 16 x 0.20 x 0.20 x 4.25 = 2.720 m^3

Lintel - 4 x 1.81 x 0.13 x 0.15 = 0.141 m^3

- 2 x 5.84 x 0.13 x 0.15 = 0.228 m^3
- 2 x 19.95 x 0.13 x 0.15 = 0.778 m^3
- 1 x 8.55 x 0.13 x 0.15 = 0.168 m^3

Post plate - 2 x 19.95 x 0.13 x 0.15 = 0.778 m^3

- 1 x 8.55 x 0.13 x 0.15 = 0.168 m^3

Total = 5.285 m^3

@Rs.4929.24 – 10% C.P./m^3 = Rs.4436.32/m^3 …… = Rs.23,446.00

Item No 7/4.1.4 : - Brick work in cement morter with 1_{st} class brick including racking out joints and curing complete as directed. In cement morter prop.1:5

Plinth wall - 4 x 1.75 x 0.25 x 0.15 = 0.263 m^3

	- 2 x 5.60 x 0.25 x 0.15	= 0.420 m^3
	- 2 x 19.60 x 0.25 x 0.15	= 1.470 m^3
	- 1 x 8.40 x 0.25 x 0.15	= 0.315 m^3
Step	- 2 x 1.75 x 1.25 x 0.15	= 0.656 m^3
	- 2 x 1.75 x 1.00 x 0.15	= 0.525 m^3
	- 4 x 1.75 x 0.75 x 0.15	= 0.788 m^3
	- 4 x 1.75 x 0.50 x 0.15	= 0.526 m^3
	- 4 x 1.75 x 0.25 x 0.15	= 0.262 m^3
	- 1 x 3.00 x 0.60 x 0.15	= 0.270 m^3
	- 1 x 3.00 x 0.30 x 0.15	= 0.135 m^3
	Total	= 5.630 m^3

@Rs.4423.30 – 10% C.P./m^3 = Rs.3980.88/m^3 …… = Rs.22,412.00

Item No 8/2.1.3. :- Providing and laying 25 mm thick damp proof course with cement concrete in prop. with graded stone agg. Of 10 mm down nominal size including providing approved damp proof admixture in prop. as recommended by the manufacturer including curing etc. complete as directed.

Plinth	- 2 x 5.84 x 0.13	= 1.52 m^2
	- 2 x 1.81 x 0.13	= 0.47 m^2
	- 2 x 0.81 x 0.13	= 0.21 m^2
	- 2 x 19.95 x 0.13	= 5.19 m^2
	- 1 x 5.70 x 0.13	= 0.74 m^2
	Total	= 8.13 m^2

@Rs.150.00 – 10% C.P./m^3 = Rs.135.00/m^3 …… = Rs.1,098.00

Item No 9/1.2 : - Earth/sand/silt filling in plinth in layers not more than 150 mm thick including necessary carriage, watering ,ramming etc. complete as directed.

Plinth	- 2 x 1.75 x 5.85 x 0.31	= 6.35 m^3
	- 1 x 21.10 x 8.90 x 0.31	= 58.22 m^3
	Total	= 64.57 m^3

@Rs.322.75 – 10% C.P./m^3 = Rs.290.47/m^3 …… = Rs.18,756.00

Item No 10/4.1.7. : - 112 mm brick nogged wall in cement morter including racking out joints and curing complete as directed in superstructure above plinth up to 1st. floor level. (protruding M.S. rod/Tor steel of column to be embedded in cement morter will be measured and paid separately)

In cement morter prop. 1:4

wall	- 4 x 1.81 x 3.30	= 23.89 m^2
	- 2 x 5.84 x 3.00	= 35.04 m^2
	- 2 x 19.95 x 0.90	= 35.91 m^2
	- 1 x 8.55 x 0.90	= 7.70 m^2
	Total	=102.54 m^2
Less for Door	- 2 x 1.00 x 2.10	= 4.20 m^2
Window	- 4 x 0.90 x 1.20	= 4.32 m^2
Ventilator	- 4 x 0.90 x 0.45	= 1.62 m^2
Gate	- 1 x 2.85 x 0.90	= 2.57 m^2

Net = 89.83 m^2

@Rs.518.62 – 10% C.P./m^3 = Rs.466.76/m^3 …… = Rs.41,929.00

Item No 11/18.3.1. : - Providing , hoisting and fixing of roof trusses including purling fabricated out of M.S. black tubes conforming to relevant I.S. code as per approved design drawing including providing M.S. cleats , base plates , bolts and nuts and one coat of zinc chromate primer and two coats of approved enamel paints complete including fitting necessary cleats etc. for fixing ceiling joists.

Tie	- 7 x 1 x 9.15 x 5.10	= 326.65 kg
King post	- 7 x 1 x 1.50 x 5.10	= 53.55 kg
Rafter	- 7 x 2 x 5.40 x 5.10	= 385.56 kg
	- 3 x 2 x 2.70 x 4.14	= 52.97 kg
Runner	- 2 x 1 x 21.35 x 4.14	= 176.78 kg
Purling	- 5 x 2 x 22.20 x 3.27	= 725.94 kg
	- 3 x 2 x 7.20 x 3.27	= 141.26 kg
Struts	- 7 x 2(1.17+0.84+0.51) x 3.27	= 115.37 kg
	- 7 x 2(1.62+1.40+1.23) x 3.27	= 194.56 kg
	Total	= 2172.64 kg
Add. 5 % for bolts & nuts		= 108.63 kg
	Net	= 2281.27 kg = 22.81 q

@Rs.5875.00 – 10% C.P./q = Rs.5287.50/q …… = Rs.1,20,608.00

Item No 12/8.1.2. : - Providing corrugated galvd. Iron sheet roofing of TATA Shaktee/SAIL including 8.1.2fitting and fixing necessary galvd. J or L hooks , bolts and nuts , 8 mm dia bitumen washer , 25 mm dia x 3 mm thick and 1.6 mm thick limpet washer complete excluding cost of roof truss , purling etc.

G/Room	- 2 x 1 x 7.20 x 2.74	= 39.46 m^2
Hall	- 1 x 2 x 22.20 x 5.50	= 244.20 m^2
	Total	= 283.66 m^2

@Rs.359.88 – 10% C.P./m^3 = Rs.323.89/m^2 …… = Rs.91,875.00

Item No 13/8.1.4. : - Providing galvd. Iron ridging of TATA Shaktee/SAIL including fitting , fixing necessary galvd screws/washers etc. complete as directed.

Quantity = 1 x 22.20 = 22.20 Rm.

@Rs.112.23 – 10% C.P./m^3 = Rs.101.01/Rm. ……= Rs.2,242.00

Item No 14. : - Providing, fitting, fixing cementing grills as ventilator.

Quantity = 4 x 0.90 x 0.45 = 1.62 m^2 L/S = Rs.1,000.00

Item No 15/18.5.1. : - Providing , fitting and fixing steel doors/windows/ventilators of standard rolled steel sections as per relevant I.S. code – 1038 joints mitred and welded with 15 mm x 3 mm x 100 mm lugs embedded in cement concrete block of M – 10 grade including providing and fixing of projecting hinges (not more than 65 mm and not less than 15 mm wide) bolting device and steel handles , peg stays of 300 mm long etc. complete including applying a priming coat of red – lead paint.

Window	- 4 x 0.90 x 1.20	= 4.32 m^2
Door	- 2 x 1.00 x 2.10	= 4.20 m^2

Total = 8.52 m^2

@Rs.1972.60 – 10% C.P./m^2 = Rs.1775.34/m^2……. = Rs.15,126.00

Item No 16/10.2. : - Providing , fitting and fixing M.S grill of required pattern for windows/clerestory window/opening with M.S flats at required spacing in frame all round , square or round M.S bars with round headed bolts and nuts or screws.

Plain grill , (Fixed to brick work/P.C.C./R.C.C.)

M.S. grills - 4 x 0.90 x 1.20 = 4.32 m^2

Hall - 16 x 2.85 x 1.20 = 54.72 m^2

T = 59.04 m^2

@ 20 kg/m^2 = 1180.80 kg

@Rs.65.55 – 10% C.P./kg = Rs.59.00/kg …… = Rs.69,667.00

Item No 17/17.12. : - Providing , fitting , fixing double leaf heavy duty iron gate including locking arrangement etc. complete.

Iron gate - 2.85 x 2.10 = 5.98 m^2

@ 20.00 kg/m^2 = 119.60 kg = 1.20 q

@ Rs.5059.15 – 10% C.P./q = Rs.4553.23/q …… = Rs.5,464.00

Item No 18/6.2.3. : - 15 mm thick cement plaster in single coat on wall surface(fair side) etc. and finish even and smooth including curing complete in cement morter 1:6

Wall	- 4 x 1 x 2.00 x 3.30	= 26.40 m^2
	- 2 x 1 x 6.23 x 3.00	= 37.38 m^2
Stage	- 2 x 1 x 5.60 x 0.60	= 6.72 m^2
	- 2 x 1 x 5.97 x 0.60	= 7.16 m^2
	- 1 x 1 x 9.02 x 0.60	= 5.41 m^2
Hall wall	- 2 x 1 x 19.95 x 0.90	= 35.91 m^2
	- 1 x 1 x 8.55 x 0.90	= 7.70 m^2
Post	- 16 x 4 x 0.20 x 3.35	= 42.88 m^2
Lintel	- 2 x 1 x 19.95 x 0.56	= 22.34 m^2
	- 1 x 1 x 8.55 x 0.56	= 4.79 m^2
Post plate	- 2 x 1 x 19.95 x 0.56	= 22.34 m^2
	- 1 x 1 x 8.55 x 0.56	= 4.79 m^2

Total = 223.82 m^2

Less for door	- 2 x 1 x 1.00 x 2.10	= 4.20 m^2
window	- 4 x 1 x 0.90 x 1.20	= 4.32 m^2
C/W	- 4 x 1 x 0.90 x 0.45	= 1.62 m^2
Gate	- 1 x 1 x 2.85 x 0.90	= 2.57 m^2

Net = 211.11 m^2

@Rs.94.06 – 10% C.P./m^2 = Rs.84.65/m^2……. = Rs.17,870.00

Item No 19/6.2.2. : - 15 mm thick cement plaster in single coat on wall surface(rough side) etc. and finish even and smooth including curing complete in cement morter 1:6

Wall	- 4 x 1 x 1.87 x 3.30	= 24.68 m^2
	- 2 x 1 x 5.97 x 3.00	= 35.82 m^2
	- 2 x 1 x 21.22 x 0.90	= 36.40 m^2
	- 1 x 1 x 9.02 x 0.90	= 8.12 m^2

Total = 105.02 m^2

Less for door - 2 x 1 x 1.00 x 2.10 = 4.20 m^2

window - 4 x 1 x 0.90 x 1.20 = 4.32 m^2

C/W - 4 x 1 x 0.90 x 0.45 = 1.62 m^2

Gate - 1 x 1 x 2.85 x 0.90 = 2.57 m^2

Net = 92.31 m^2

@Rs.95.10 – 10% C.P./m^2 = Rs.85.59/m^2…… = Rs.7,901.00

Item No 20/5.1.10. : - Cement plaster skirting with cement morter 1:3 finished with a floating coat of neat cement finish including curing complete.

Plinth Wall - 4 x 1 x 2.00 x 0.50 = 4.00 m^2

- 2 x 1 x 6.25 x 0.50 = 6.25 m^2

- 2 x 1 x 21.35 x 0.50 = 21.35 m^2

- 1 x 1 x 9.40 x 0.50 = 4.70 m^2

Step tread - 10 x 1 x 1.75 x 0.25 = 2.19 m^2

- 2 x 1 x 3.00 x 0.30 = 1.80 m^2

Step sides - 2 x $^1/_2$ (0.60 + 0.30) x 0.45 = 0.41 m^2

- 2 x $^1/_2$ (0.25 + 1.25) x 0.90 = 1.35 m^2

Total = 42.05 m^2

@Rs.170.47 – 10% C.P./m^2 = Rs.153.42/m^2…… = Rs.6,451.00

Item No 21/4.1.1. : - Providing brick soling in foundation and under floor with best quality pick jhama brick , sand packed and laid to level and in panel after preparing the sub-grade as directed including all labour and materials.

(a) Brick on flat soling

Under floor, G/Room - 2 x 1.75 x 5.85 = 20.48 m^2

Hall - 1 x 21.10 x 8.90 = 187.79 m^2

Total = 208.27 m^2

@Rs.286.37 – 10% C.P./m^2 = Rs.257.73/m^2…… = Rs.53,677.00

Item No 22/5.1.5. : - 65 mm thick cement concrete floor consisting 53 mm under layer of cement concrete in prop. 1:3:6 and 12 mm thick cement plastering in prop.1:2 and finished with a floating coat of neat slurry including curing etc. complete

Stage - 2 x 1.81 x 5.97 = 21.61 m^2

Hall - 1 x 21.22 x 9.02 = 191.40 m^2

Total = 213.01 m^2

@Rs.435.43 – 10% C.P./m^2 = Rs.391.89/m^2…… = Rs.83,476.00

Item No 23/13.7.2. : - Applying primary coat over steel and other metal surface after preparing the surface by thoroughly cleaning oil , grease , dirt and other foreign matter and scoured with wire brush , sand paper etc. complete.

With ready mixed red lead primer.

Door - 2 x 2 x 1.00 x 2.10 = 8.40 m^2

Window - 4 x 2 x 0.90 x 1.20 = 8.64 m^2

Grills - 4 x 1 x 0.90 x 1.20 = 1.62 m^2

Hall ,grills - 16 x 1 x 2.85 x 1.20 = 54.72 m^2

Gate - 1 x 1 x 2.85 x 2.10 = 5.98 m^2

Net = 79.36 m^2

@Rs.29.88 – 10% C.P./m^2 = Rs.26.89/m^2…… = Rs.2,134.00

Item No 24/13.7.4. : - Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint of approved brand and manufacture (Asian paint/Berger paint/ICI paint/J&N paint/Nerolac) to give an even shade including cleaning the surface of all dirt , dust and other foreign matter.

Door	- 2 x 2 x 1.00 x 2.10	= 8.40 m^2
Window	- 4 x 2 x 0.90 x 1.20	= 8.64 m^2
Grills	- 4 x 1 x 0.90 x 1.20	= 1.62 m^2
Hall ,grills	- 16 x 1 x 2.85 x 1.20	= 54.72 m^2
Gate	- 1 x 1 x 2.85 x 2.10	= 5.98 m^2

Net = 79.36 m^2

@Rs.54.82 – 10% C.P./m^2 = Rs.49.34/m^2…… = Rs.3,916.00

Item No 25/13.2.3. : - Applying one coat of cement primer of approved brand and manufacture on new wall surface after thoroughly brooming the surface free from morter drops and other foreign matter and including preparing he surface even and sand papered smooth.

Quantity = same quantity as cement plastering on fair side = 303.42 m^2

@Rs.32.63 – 10% C.P./m^2 = Rs.29.37/m^2…… = Rs.8,191.00

Item No 26/13.2.3. : - Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on wall surface (two coats) to give an even shade after thoroughly brooming the surfaces to remove all dirt and remains of loose powdered materials.

Quantity = same quantity as cement plastering on rough side = 303.42 m^2

@Rs.40.83 – 10% C.P./m^2 = Rs.36.75/m^2…… = Rs.11,151.00

Item No 27/1.4. : - Raising low site with soil by truck carriage complete.

Quantity	- 2 x 7.00 x 2.80 x 0.60	= 23.52 m^3
	- 1 x 22.00 x 10.00 x 0.30	= 66.00 m^3

Total = 89.52 m^3

@Rs.205.52 – 10% C.P./m^3 = Rs.184.97/m^3 …… = Rs.16,559.00

Total = Rs.7,92,860.00

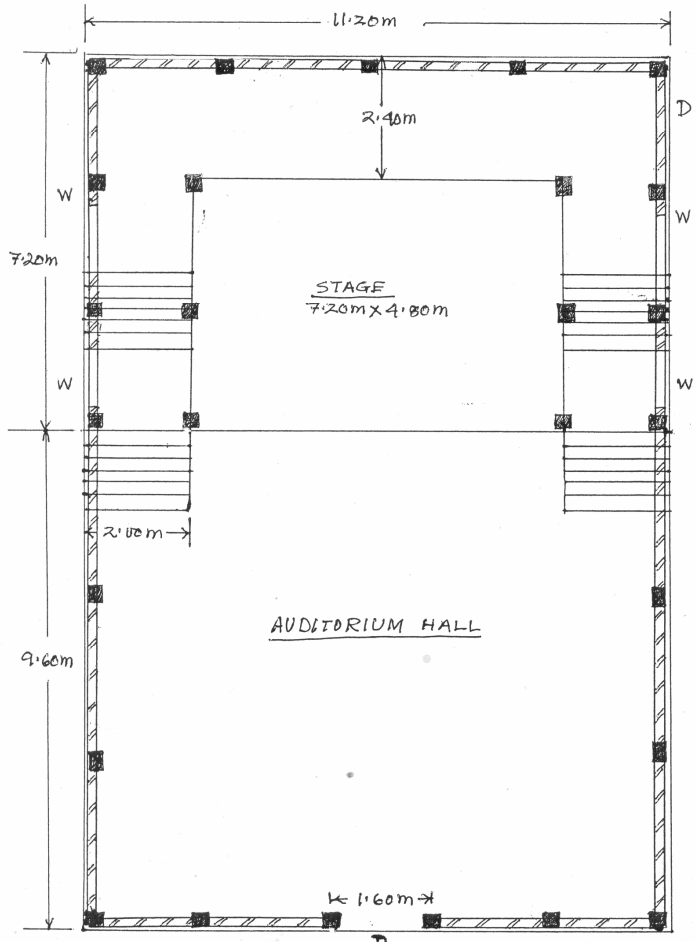
Add. 1% for contingency = Rs. 7,929.00

= Rs.8,00,789.00

Say, Rs.8,00,000.00

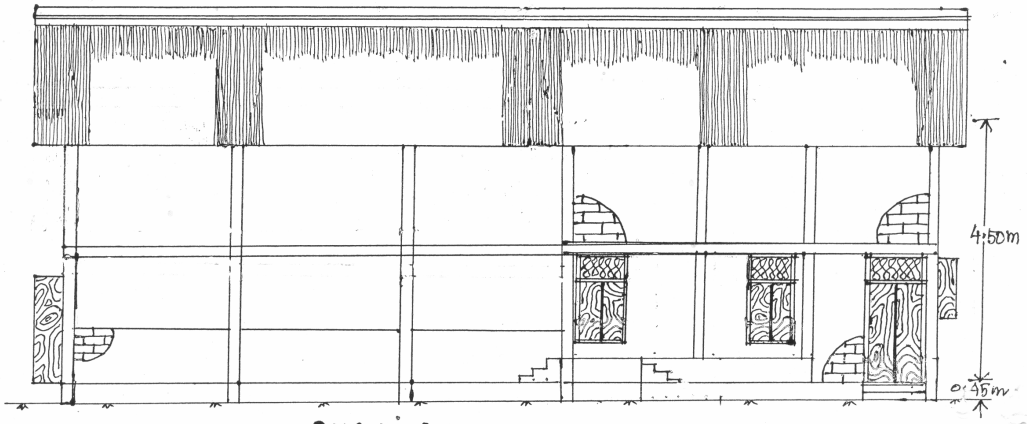
(Rupees eight lakh only)

Junior Engineer
Sivasagar Zila Parishad

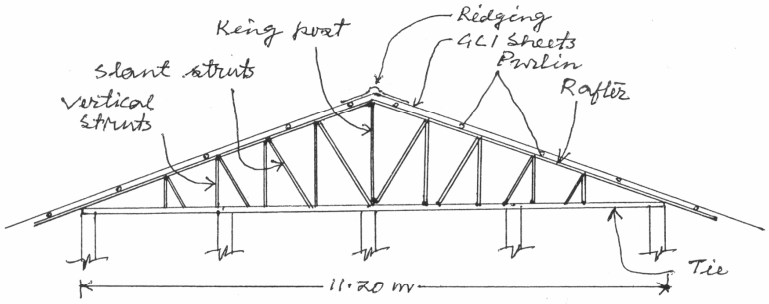


Junior Engineer
Zila Parish. d. Sivasagar

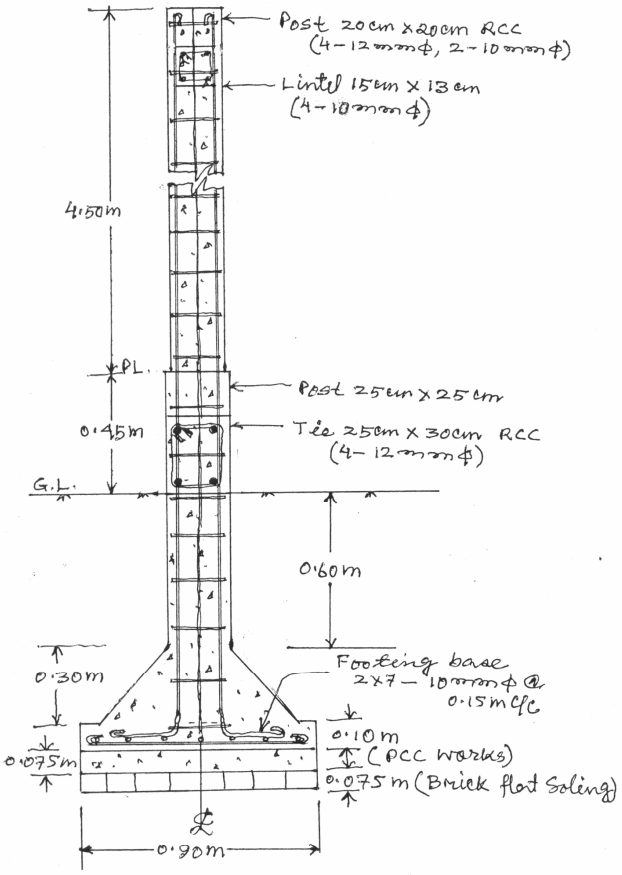
Plan of the community hall
(Scale :- 1:100)



RHS view
(Scale :- 80)



Cross section of Industrial Roof Truss.
(Scale :- 1:100)



C/S showing showing detailed bar arrangements from foundation to the ceiling.
(Scale :- 1:20)

Junior Engineer
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