

Annual Plan : 2011-2012.
 State : ASSAM
 Name of Zilla Parishad : NAGAON
 Name of work :- CONST. OF COMMUNITY HALL AT ..(OPEN SHED).....

 UNDER General Performance Grant ,13th Finance Commission-2011-12.
 Estimate Amount : Rs...8.00 Lakhs ✓
 Plinth Area :

REPORT

This estimate amounting to Rs-8.00 Lakhs.(Rupees Eight lakhs) Only has been framed to show the probable cost of CONSTRUCTION OF COMMUNITY HALL AT UNDER General Performance Grant ,13th Finance Commission-2011-12.


The following provisions have been made in this estimate.


1. Post : RCC post -----0.25-----m x-----0.25-----m
 4 Nos.12mm Q longitudinal Trapezoidalbase footing and tie beam as per design with RCC works in prop. 1:2:4.
2. Wall: 112 mm thick Brick nogged wall 11.00 cm propn. 1:4
3. Plastering 15mm thick cement plastering 1:3.
4. Doors and Windows Providing fitting and fixing of Fully Panned Door and Fully Glazed Window as as Per Design complete I/C frame works etc.
5. Finishing wall Finishing wall complete with water proofing Cement Paint.
6. 1% Contingency
7. Ht. of plinth0.76..... m.
8. Ht. of Bldg3.65..... m.

The estimate is prepared as per APWD schedule rates for 2010-2011(Building), and analysis rates on the prevailing market price as and where necessary.

In addition to normal provisions in the estimate 1% contingency etc. are provided in the estimate And 10% Ded. is considered for contractors profit .

All works be carried out in accordance with general APWD specifications and also I.S. code of practice unless otherwise mentioned.


 Executive Engineer i/c
 Nagaon Zilla Parishad


 Junior Engineer
ACCREDITED ENGINEER
NAGAON ZILLA PARISHAD
NAGAON · ASSAM

NAME OF WORKS Const. of Community Hall

Item No. 1/1.1(a):- Earth work in excavation for foundation trenches for wall column etc. as directed

	a) In Ordinary soil		b) In Hard Soil		
L. Wall	=	3 x	15.85 x	0.30 x	0.50 = 7.13 m3
S. Wall	=	3 x	9.15 x	0.30 x	0.50 = 4.12
Posts	=	16 x	0.76 x	0.76 x	0.90 = 8.32
Ver. Post	=	6 x	0.60 x	0.60 x	0.76 = 1.542
				(T)	= 21.21 m3
Posts	=	22 x	0.30 x	0.30 x	0.50 = 0.99
					= 20.22 m3

@ 64.67 /m3 Rs. 1308 /-

Item No. 2/4.1.1:- Brick Soling under foundation of floor with first class bricks as directed.

	a) Flat Soling		b) Edge Soling		
L. Wall	=	3 x	15.85 x	0.30	= 14.27 m2
S. Wall	=	3 x	9.15 x	0.30	= 8.24
Posts	=	16 x	0.76 x	0.76	= 9.24
Posts	=	6 x	0.60 x	0.60	= 2.16
				(T)	= 33.90 m2
Step	=	1 x	3.25 x	0.90	= 2.93 m2
					= 36.83 m2

@ 286.37 /m2 Rs. 10546 /-

Item No. 3/18.1.1:- Supplying fitting and fixing in position r/f bars conforming to relevant is code for RCC work including strengthening, clearing cutting and bending to proper shape and length as per details design complete.

a) Torsteel					
<u>12mm dia.</u>					
Posts	=	16 x	4 x	5.47	= 350.08 Rm
		6 x	4 x	4.36	= 104.64
Tie	=	3 x	4 x	15.85 x	2 = 380.40
		3 x	4 x	9.15 x	2 = 219.5
				(T)	= 1054.72 Rm

@ 0.89 Kg/Rm Rs. 938.70 Kg.

10mm dia.					
Posts	=	3 x	4 x	15.85	= 190.20 Rm
		2 x	4 x	9.15	= 73.20
Waly	=	22 x	2 x	0.80	= 281.60
				(T)	= 545.00 Rm

@ 0.62 /Kg/Rm Rs. 337.90 Kg

6mm dia.					
Posts	=	22 x	12 x	1.10	= 290.40 Rm
		16 x	25 x	1.00	= 400.00
		8 x	19 x	0.50	= 91.20
Tie	=	3 x	106 x	0.8 x	2 = 507.20
		2 x	61 x	0.8 x	2 = 195.20
		2 x	16 x	0.8	= 26.03
Lintel	=	2 x	1 x	106 x	0.62 = 131.03
		2 x	1 x	46 x	0.62 = 55.47
				(T)	= 1696.52 Rm

@ 0.22 /Kg/Rm Rs. 373.23 Kg

(T)	=	1644.11
	=	62.21
	=	1726.31 Kg
Say	=	17.27 q
		Rs. 90512 /-

@ 5241.00 /q

Item No. 4/4.1.5:- Brick work in cement mortar with 1st class brick including racking out joint and curing complete as directed

a) Prop. 1-3/ 1-4/ 1-5					
Stage	=	2 x	6.71 x	0.25 x	0.76 = 2.5498
		2 x	3.25 x	0.25 x	0.76 = 1.235
L. Wall	=	3 x	15.85 x	0.25 x	0.76 = 9.035 m3
S. Wall	=	2 x	9.15 x	0.25 x	0.76 = 3.477 m3
		2 x	2.44 x	0.25 x	0.76 = 0.9272 m3
				(T)	= 17.224 m3
Step	=	1 x	3.25 x	0.20 x	0.90 = 0.585 m3
		1 x	3.25 x	0.20 x	0.60 = 0.39 m3
		1 x	3.25 x	0.20 x	0.30 = 0.195 m3
					= 18.394 m3
Step	=	2 x	1.20 x	0.20 x	0.90 = 0.432
		2 x	1.20 x	0.20 x	0.60 = 0.288
		2 x	1.20 x	0.20 x	0.30 = 0.144
					= 19.258 m3

@ 4506.30 /m3 Rs. 86819 /-

Total Rs. 189184 /-

Item No.5/2.1.1:- P.C.C works with coarse aggregate of sizes 13mm to 32mm in found'n bed in prop 1:3:5

etc. complete as directed.

Posts	=	16 x	0.76 x	0.76 x	0.30 =	0.924 m3
		6 x	0.60 x	0.60 x	0.10 =	0.216
				T	=	1.140 m3

@ 3733.63 /m3

Rs. 4257 /-

Item No.6/3.1.1 :- Providing form of ordinary timber planking so as to give a rough finish including centering, strutting, stuffing and propping etc. as directed.

a) Foundation, base of column, etc.

Posts	=	16 x	4 x	1.66 x	0.25 =	26.56 m2
		6 x	4 x	1.66 x	0.25 =	9.96
Top	=	3 x	2 x	15.85 x	0.25 =	23.78
		3 x	2 x	6.71 x	0.25 =	10.07
		2 x	2 x	2.44 x	0.25 =	2.44
				(T)	=	72.80 m2

@ 142.20 /m2

Rs. 10352 /-

Item No.7/4.3 :- Superstructure upto 1st floor.

Posts	=	16 x	4 x	3.65 x	0.25 =	58.40 m2
		6 x	4 x	2.70 x	0.25 =	16.20
Lintel	=	2 x	2 x	15.85 x	0.15 =	9.51
		3 x	2 x	6.71 x	0.15 =	6.039
				(T)	=	90.15 m2

@ 215.79 /m2

Rs. 19453 /-

Item No.8/2.2.1:- Providing and laying RCC works in propn 1:2:4 including curing complete excluding cost of form work complete as directed.

i) Foundation.

Posts	=	16 x	0.25 x	0.25 x	1.66 =	1.660 m3
		6 x	0.25 x	0.25 x	1.52 =	0.57
Top	=	3 x	15.85 x	0.25 x	0.25 =	2.97
		3 x	6.71 x	0.25 x	0.25 =	1.258
		2 x	2.44 x	0.2 x	0.20 =	0.1952
				(T)	=	6.655 m3

@ 4734.15 /m3

Rs. 31507 /-

b) in Superstructure.

Posts	=	16 x	0.25 x	0.25 x	3.65 =	3.650 m3
		6 x	0.20 x	0.20 x	2.70 =	0.648
Lintel	=	2 x	15.85 x	0.13 x	0.13 =	0.536
		3 x	6.71 x	0.13 x	0.13 =	0.340
				(T)	=	5.174 m3

@ 4875.71 /m3

Rs. 25222 /-

Item No.9/4.1.7 :- 112mm thick / 75mm thick 1st class brick nogged wall in mortar embeded with protruding Rod including racking out joints and curing complete as directed prop. 1:4/ 1:5/ 1:3

L Wall	=	2 x	12.70 x	0.90	=	22.86 m2
S.Wall	=	2 x	6.71 x	0.90	=	12.08
G.wall	=	2 x	1/2x1.40 x	6.71	=	9.394
				(T)	=	44.332 m2

@ 518.62 /m2

Rs. 22991 /-

Item No.10/9.9.1:- Providing wood work in frame as of door window C.W. Woought framed and fixed in position in contact C.C. or Brick wall as directed and specified.

a) Salwood/ b) 1st class Timber.

Door	1 x	2 x	2.10 x	0.08 x	0.13 =	0.044 m3
	1 x	1 x	1.20 x	0.08 x	0.13 =	0.012 m3
					=	0.0562 m3

@ 46853.4 /m3

Rs. 2631 /-

Item No.11:- Providing dressed wood work in post, walls, Post plate, bressumers including supplying and fitting fixing with necessary spikes and nails etc. complete as directed.

a) Sal Wood b) Hallock/ Bonsum/ Sundi.

Post/Plate	3 x	0.75 x	0.08 x	0.10 =	0.234 m3
	2 x	6.71 x	0.08 x	0.10 =	0.1074
				=	0.3414 m3

@ 29212.4 /m3

Rs. Nil /-

Total Rs. 305603 /-

Item No. 11:- Providing fitting of roof trusses including fabricated out of M.S black tube conforming to I/S 1988, including tow coats of enamel points as directed by Dept.

60-30-0/D	Rafter	=	2 x	6 x	4.16 =	49.92 Rm
	D/Tie	=	2 x	6 x	6.71 =	80.52
					=	130.44 Rm
	@		5.10 /kg/Rm			= 665.24 Kg

48-30-	Ver Rafter	=	1 x	6 x	3.05 =	18.30
	Ver.Purline	=	1 x	3 x	10.98 =	32.85
	Ver Tie	=	1 x	6 x	3.05 =	18.30
	Purline	=	2 x	4 x	17.05 =	136.4 Rm
	Bottom Runner	=	2 x	1 x	17.05 =	34.10 Rm
	Top	=	2 x	1 x	17.05 =	34.10 Rm
					=	274.05 Rm
	@		3.61 /kg/Rm			= 989.32 Kg

33-70-	D/Collier	=	2 x	6 x	3.36 =	40.32
	Struts	=	5 x	6 x	1.60 =	48.00
	String	=	5 x	6 x	1.40 =	42.00
					T =	130.32 Rm
	@		2.44 /kg/Rm			= 317.98 Kg
	Add. Base Plat, Gusset Plat, Nute Bolts. L/S	=				= 75.00
					T =	2047.55 kg
					50%	= 2.047 ML

Item No. 13:- Earth filling in Plinth by truck Carriage Rs. 117605 /- ✓

1 x	15.85 x	6.71 x	0.76 =	80.83 m3
1 x	15.85 x	3.25 x	0.76 =	39.15
	@			291.56 /m3
				119.98 m3

Item No. 14:- Providing brick soling in foundation and floor at all level with best quality picked gamma bricks, sand packed and laid as directed Rs. 34981 /- ✓

a) Brick flat Soling.	b) Brick on edge Soling.
Floor = 15.85 x 6.71 = 106.4 m2	= 106.4 m2
15.85 x 2.44 = 38.67	= 38.67
	= 145 m2

Item No. 15:- 65mm thick c.c. floor consisting of 50mm under layer of cement concrete 1:3:6 and 15 thick wearing layer in cement concrete 1:2:2 using complete. Rs. 41532 /- ✓

Floor =				145 m2
	@			449.48 /m2

Item No. 16/ 6.2.2(B)- 15mm thick cement plaster in single coat on rough side of single or half brick wall including curing complete as directed. Rs. 65187 /- ✓

P/Wall =	2 x	15.85 x	0.76	b) 1.4	=	24.092 m2
	3 x	6.71 x	0.76		=	15.30
				B/F Only	=	88.664 m2
					=	128.055 m2

Item No. 17) Providing GCI sheet roofin including fitting fixing necessary Galvd J or L hooks, bolts and nuts 8mm dia bitumen washer complete. Rs. 14246 /- ✓

Only =	2 x	4.16 x	17.05	a) 0.63mm thick (24 G)	=	141.85 m2
	1 x	3.05 x	17.05		=	52.0025
					=	193.86 m2

Item No. 18/9.9.2 Providing fitting and fixing of 1st Class local wood (Borsum/Hollock) battened and framed door and window shutters i/c oxidised bull iron hinges (100mmx56mmx1.90mm) 6Nos. With necessary screws. Rs. 82407 /- ✓

Door =	1 x	2.10 x	1.20		=	2.52 m2
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Total = 2.52 m2

Item No. 19/13.6.5 Painting two coats (Excluding Priming coat) on new wood based surfaces with enamel paints of approved brand and manufacture (Asian, Berger & Nerolac) to give an even shade in cleaning the surface of all dust & dirt and other foreign matter sand papering & stopping. Rs. 3365 /- ✓

B/F	2.52 x	2 =	5.04
			5.04 m2

@ 54.82 /m2 Rs. 276 /- ✓

Item No.20/9.3.1 Providing wood works in frames of false ceiling Partitions etc- sawn wrought framed hoisted and fixed in positions with spikes and nails,MS butt angles/tears with bolts& nuts complete i/c kiricide oiling two coats etc.

Room	1 x	15 x	6.71 x	0.08 x	0.05 =	0.4026 m3
	1 x	7 x	12.70 x	0.08 x	0.05 =	0.3556
						0.758 m3

@ Rs 29812.40 /m3 Rs. 22604 /-

Item No.21/13.2.2 Distemping two coats with oil bound distemper of approved brand and manufacture and of required shade on new wall surface to give an even shade, over and including a priming coat with alkali resistant primer of approved brand after thoroughly brooming the surface free from mortar droppings and other foreign matters. Etc.

B/F	Qty.	=	128.055
	Total	=	128.055 m2

@ 66.07 /m2 Rs. 8461 /-

Item No.22/7.2.1' Providing fitting and fixing AC Building Board Ceiling with necessary nails, wood screws etc complete as directed.


Room	1 x	15.85 x	6.71	=	106.354 m2
				=	106.354 m2

@ Rs. 292.15 /m2 Rs. 31071 /-


Deduction	10% For Contractors profits (-)	TOTAL	Rs. 727537 /-
			= 72754 /-
			= 654784 /-
Add	8% for water supply & Sanitation L/s		80000 /-
	Total		Rs. 734784 /-
Add	7% for Electrification		Rs. 57300 /-
Add	1% Contingency		Rs. 8000 /-
	Total		Rs. 800084 /-
	Total		Rs. 800000 /-

(Rupees Eight Lakh only)

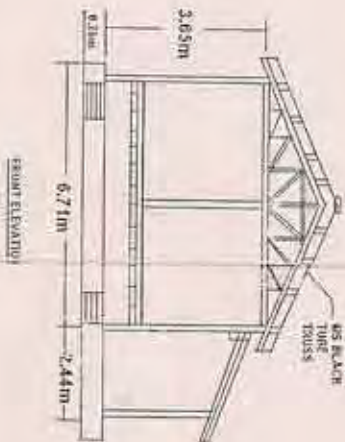
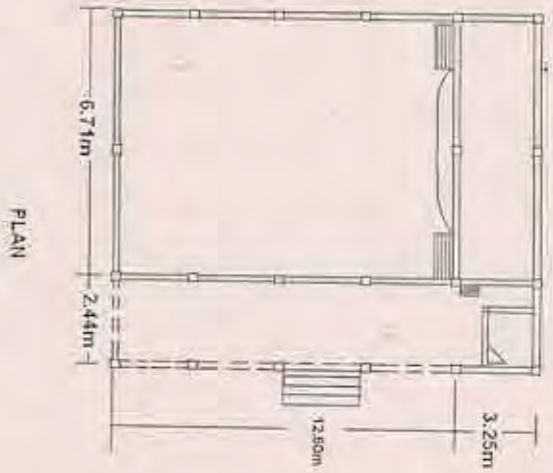

Executive Engineer i/c
Nagaon Zilla Parishad


ACCREDITED ENGINEER
NAGAON ZILLA PARISHAD
NAGAON : ASSAM

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


27/4/12
Joint Secy
Directorate P & R U. Assam
Panjabari, Guwahati - 37

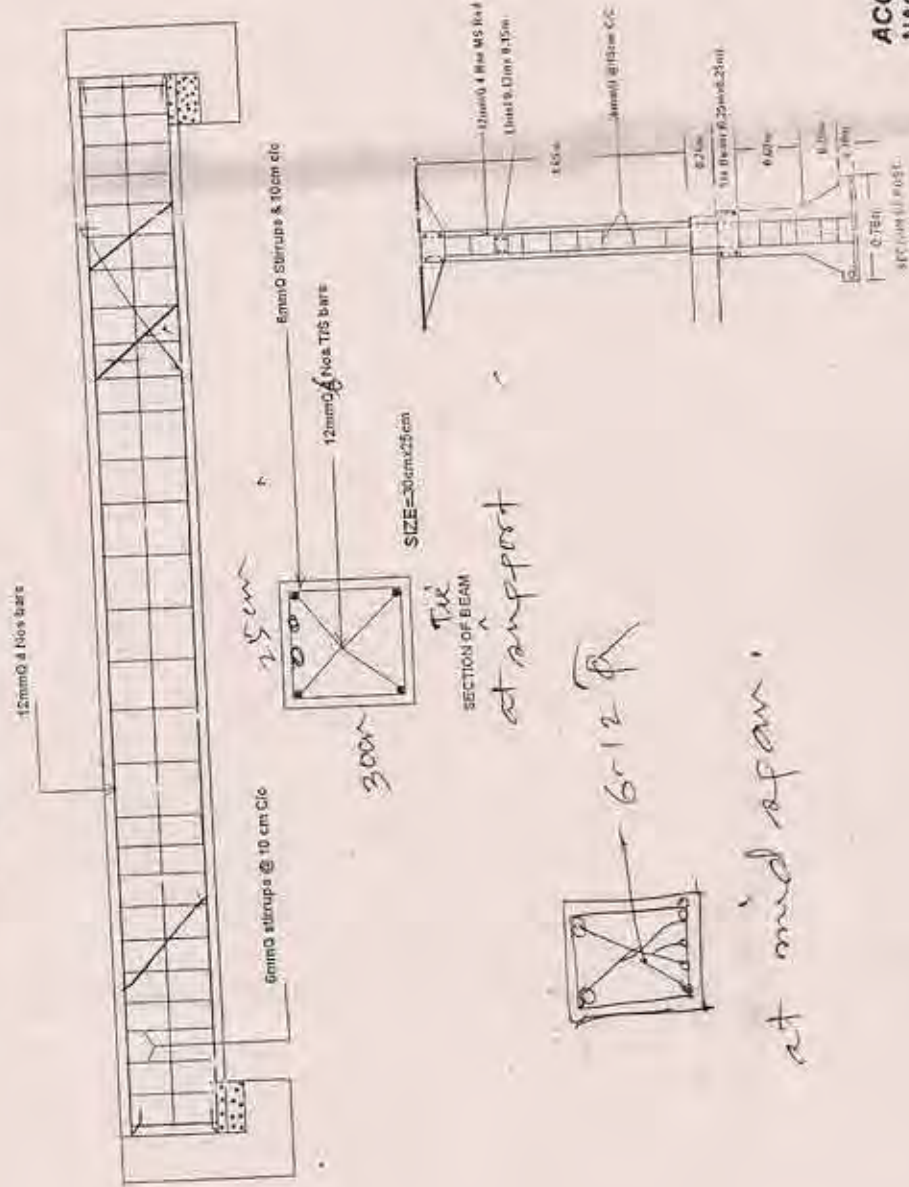
CONSTRUCTION OF COMMUNITY HALL AT



Omved
ACCREDITED ENGINEER
P. H. GAON ZILLA PARISHAD
JAGAON : ASSAM

CONSTRUCTION OF COMMUNITY HALL (MODEL)

L-SECTION OF BEAM



ACCREDITED ENGINEER
 NAGAON ZILLA PARISHAD
 NAGAON, ASSAM

ORIGINAL ✓

Annual Plan : 2011-2012.
State : ASSAM
Name of Zilla Parishad : NAGAON
Name of work :- CONST. OF COMMUNITY HALL AT (CLOSED SHED)
.....
UNDER General Performance Grant, 13th Finance Commission-2011-12.
Estimate Amount : Rs. 8.00 Lakhs ✓
Plinth Area :

REPORT

This estimate amounting to Rs-8.00 Lakhs. (Rupees Eight lakhs) Only has been framed to show the probable cost of CONSTRUCTION OF COMMUNITY HALL AT UNDER General Performance Grant, 13th Finance Commission-2011-12.


The following provisions have been made in this estimate.

1. Post : RCC post - 0.25 m x 0.25 m
4 Nos. 12mm Q longitudinal Trapezoidal base footing and tie beam as per design with RCC works in prop. 1:2:4.
2. Wall: 112 mm thick Brick nogged wall 11.00 cm propn. 1:4
3. Plastering 15mm thick cement plastering 1:3.
4. Doors and Windows Providing fitting and fixing of Fully Panned Door and Fully Glazed Window as Per Design complete 1/C frame works etc.
5. Finishing wall Finishing wall complete with water proofing Cement Paint.
6. 1% Contingency
7. Ht. of plinth 0.76 m.
8. Ht. of Bldg 3.65 m.

The estimate is prepared as per APWD schedule rates for 2010-2011 (Building) and analysis rates on the prevailing market price as and where necessary.

In addition to normal provisions in the estimate 1% contingency etc. are provided in the estimate. And 10% Ded. is considered for contractors profit.

All works be carried out in accordance with general APWD specifications and also I.S. code of practice unless otherwise mentioned.


Executive Engineer VC
Nagaon Zilla Parishad


Junior Engineer
ACCREDITED ENGINEER
NAGAON ZILLA PARISHAD

OF WORKS

Const. of Community Hall

Item No. 1/1.1(a)- Earth work in excavation for foundation trenches for wall column etc. as directed

	a) In Ordinary soil		b) In hard Soil		
L. Wall	=	3 x 12.70 x 0.30	x	0.50	= 5.72 m3
S. Wall	=	3 x 9.15 x 0.30	x	0.50	= 4.12
Posts	=	14 x 0.76 x 0.76	x	0.90	= 7.28
Ver. Post	=	5 x 0.60 x 0.60	x	0.76	= 1.358
				(T)	= 18.48 m3
Posts	=	19 x 0.30 x 0.30	x	0.60	= 0.855
					= 17.62 m3

@ 84.67 /m3

Rs.

1140 /-

Item No. 2/4.11:- Brick Soiling under foundation of floor with first class bricks as directed.

	a) Flat Soiling.		b) Edge Soiling.		
L. Wall	=	3 x 12.70 x 0.30	=		11.43 m2
S. Wall	=	3 x 9.15 x 0.30	=		8.24
Posts	=	14 x 0.76 x 0.76	=		8.09
Posts	=	5 x 0.60 x 0.60	=		1.80
				(T)	= 29.55 m2
Step	=	1 x 3.25 x 0.90	=		2.93 m2
					= 32.48 m2

@ 286.37 /m2

Rs.

9300 /-

Item No. 3/18.1.1:- Supplying filling and fixing in position of bars conforming to relevant is code for RCC work including strengthening, clearing cutting and bending to proper shape and length as per details design complete

a) Torsteel.

12mm dia.					
Posts	=	14 x 4	x	5.47	= 306.32 Rm
		5 x 4	x	4.36	= 87.2
Tie	=	3 x 4	x	12.70	= 152.40
		3 x 4	x	9.15	= 109.8
				(T)	= 655.72 Rm

@

0.89 Kg/Rm

=

583.59 Kg

10mm dia.					
Lintel	=	3 x 4	x	12.70	= 152.40 Rm
		2 x 4	x	9.15	= 73.20
Chilly	=	19 x 2	x	8 x 0.80	= 243.20
				(T)	= 468.80 Rm

@

0.62 /Kg/Rm

Rs.

290.56 Kg

5mm dia.					
Posts	=	19 x 12	x	1.10	= 250.80 Rm
		14 x 25	x	1.00	= 350.00
Tie	=	5 x 19	x	0.80	= 76.00
		3 x 85	x	0.8 x 2	= 406.40
		2 x 61	x	0.8 x 2	= 195.20
		2 x 16	x	0.6	= 25.03
Lintel	=	2 x 1	x	85 x 0.62	= 104.99
		2 x 1	x	45 x 0.62	= 55.47
				(T)	= 1464.88 Rm

@

0.22 /Kg/Rm

Rs.

322.27 Kg

Add 5% for wastage

(T) = 1196.52

=

59.83

=

1256.35 Kg

Say = 12.56 q

Rs.

85827 /-

@ 5241.00 /q

Item No. 4/4.1.5:- Brick work in cement mortar with 1st class brick including racking out joint and cutting complete as directed

a) Prop. 1:3/ 1:4/ 1:5

Stage	=	2 x 8.71 x 0.25	x	0.76	= 2.5498
		2 x 3.25 x 0.25	x	0.76	= 1.235
L. Wall	=	3 x 12.70 x 0.25	x	0.76	= 7.239 m3
S. Wall	=	2 x 9.15 x 0.25	x	0.76	= 3.477 m3
		2 x 2.44 x 0.25	x	0.76	= 0.9272 m3
				(T)	= 15.428 m3
Step	=	1 x 3.25 x 0.20	x	0.90	= 0.585 m3
		1 x 3.25 x 0.20	x	0.60	= 0.39 m3
		1 x 3.25 x 0.20	x	0.30	= 0.185 m3
					= 16.598 m3
Step	=	2 x 1.20 x 0.20	x	0.90	= 0.432
		2 x 1.20 x 0.20	x	0.60	= 0.288
		2 x 1.20 x 0.20	x	0.30	= 0.144
					= 17.462 m3

@ 4508.30 /m3

Rs.

78724 /-

Total Rs. 154991 /-

No.5/1.1:- R.C.C works with coarse aggregate of sizes 13mm to 32mm in found'n bed in prop. 1:3:6

etc. complete as directed.

Posts	=	14 x	0.76 x	0.76 x	0.10 =	0.809 m3
		5 x	0.60 x	0.60 x	0.10 =	0.18
						<u>0.989 m3</u>

@ 3733.63 /m3

Rs. 3691 /-

Item No.6/3.1.1 :- Providing form of ordinary timber planking so as to give a rough finish including centering, strutting, shutting and propping etc. as directed.

a) Foundation, base of column, tie etc.

Posts	=	14 x	4 x	1.66 x	0.25 =	23.24 m2
		5 x	4 x	1.66 x	0.25 =	8.3
Tie	=	3 x	2 x	12.70 x	0.25 =	19.05
		3 x	2 x	6.71 x	0.25 =	10.07
		2 x	2 x	2.44 x	0.25 =	2.44
				(T)	=	<u>63.10 m2</u>

@ 142.20 /m2

Rs. 8972 /-

Item No.7/43 :- Superstructure upto 1st floor.

Posts	=	14 x	4 x	3.65 x	0.25 =	51.10 m2
		5 x	4 x	2.70 x	0.25 =	13.50
Lintel	=	2 x	2 x	12.70 x	0.15 =	7.62
		3 x	2 x	6.71 x	0.15 =	6.039
				(T)	=	<u>78.26 m2</u>

@ 215.79 /m2

Rs. 16888 /-

Item No.8/2.2.1:- Providing and laying RCC works in propn. 1:2:4 including curing complete excluding cost of form work complete as directed.

i) Foundation.

Posts	=	14 x	0.25 x	0.25 x	1.66 =	1.453 m3
		5 x	0.25 x	0.25 x	1.52 =	0.475
Tie	=	3 x	12.70 x	0.25 x	0.25 =	2.38
		3 x	6.71 x	0.25 x	0.25 =	1.258
		2 x	2.44 x	0.2 x	0.20 =	0.1952
				(T)	=	<u>5.762 m3</u>

@ 4734.16 /m3

Rs. 27279 /-

b) In Superstructure.

Posts	=	14 x	0.25 x	0.25 x	3.65 =	3.194 m3
		5 x	0.20 x	0.20 x	2.70 =	0.54
Lintel	=	2 x	12.70 x	0.13 x	0.13 =	0.429
		3 x	6.71 x	0.13 x	0.13 =	0.340
				(T)	=	<u>4.503 m3</u>

@ 4875.71 /m3

Rs. 21956 /-

Item No.9/4.1.7 :- 112mm thick / 75mm thick 1st class brick nogged wall in mortar embeded with protruding Rod including racking out joints and curing complete as directed prop. 1:4/ 1:5/ 1:3.

L Wall	=	2 x	12.70 x	3.65	=	92.71 m2
W Wall	=	2 x	6.71 x	3.65	=	48.98
G wall	=	2 x	1/2x1.40 x	6.71	=	0.394
				(T)	=	<u>151.087 m2</u>
Door	=	4 x	2.10 x	1.20	=	10.08
Window	=	9 x	1.2 x	1.35	=	14.58
					=	<u>126.427 m2</u>

@ 518.62 /m2

Rs. 65568 /-

Item No.10/9.9.1:- Providing wood work in frame as of door window C.W. Woodtght framed and fixed in position in contact C.C. or Brick wall as directed and specified.

	a) Salwood/	b) 1st class Timber.				
Door	4 x	2 x	2.10 x	0.08 x	0.13 =	0.175 m3
	4 x	1 x	1.20 x	0.08 x	0.13 =	0.050 m3
Window	9 x	3 x	1.20 x	0.08 x	0.13 =	0.337
	9 x	2 x	1.35 x	0.08 x	0.13 =	0.253
	13 x	2 x	1.20 x	0.08 x	0.13 =	0.324
	13 x	3 x	0.60 x	0.08 x	0.13 =	0.243
					=	<u>1.3822 m3</u>

@ 48853.4 /m3

Rs. 64759 /-

Item No.11/- Providing dressed wood work in post, walls, Post plate, bressumers including supplying and fitting fixing with necessary spikes and nails etc. complete as directed.

	a) Sal Wood	b) Hollock/ Bonsum/ Sindil			
Posts/Plate	3 x	9.75 x	0.08 x	0.10 =	0.234 m3
	2 x	6.71 x	0.08 x	0.10 =	0.1074
					<u>0.3414 m3</u>

@ 29212.4 /m3

Rs. Nil /-

Total Rs. 354103 /-

No. 11:- Providing fitting of roof trusses including fabricated out of M.S black tube conforming to I.S. 808-1968, including tow coats of enamel points as directed by Dept.

60-30-0/D				
Rafter	=	2 x	6 x	4.16 = 49.92 Rm
C/Tie	=	2 x	6 x	6.71 = 60.52
				= 130.44 Rm
@	5.10 /kg/Rm			= 865.24 Kg

45-30-				
Ver. Rafter	=	1 x	6 x	3.05 = 19.30
Ver. Purline	=	1 x	3 x	10.95 = 32.85
Ver Tie	=	1 x	6 x	3.05 = 19.30
Purline	=	2 x	4 x	10.95 = 87.6 Rm
Bottom Runner	=	2 x	1 x	10.95 = 21.90 Rm
Top	=	2 x	1 x	10.95 = 21.90 Rm
				= 200.85 Rm
@	3.61 /kg/Rm			= 725.07 Kg

33-70-				
D/Collet	=	2 x	6 x	3.36 = 40.32
Struts	=	5 x	6 x	1.60 = 48.00
String	=	5 x	6 x	1.40 = 42.00
				T = 130.32 Rm

@	2.44 /kg/Rm			= 317.98 Kg
Add. Base Platf, Gussset Platf, Nafe Bolts, L/S	=			= 75.00
				T = 1783.29 kg
				50% = 1.855 Mt.

@ 57550.0 /mt

Rs. 100755/-

Item No. 13/- Earth filling in Plinth by truck Carriage

1 x	9.75 x	9.15 x	0.76 = 67.80 m3
1 x	6.71 x	3.25 x	0.79 = 18.57
			= 84.38 m3

@ 291.56 /m3

Rs. 24600/-

Item No. 14 - Providing brick soling in foundation and floor at all level with best quality picked Jhanna bricks, sand packed and laid as directed.

a) Brick flat Soling:		b) Brick on edge Soling:	
Floor	=	9.75 x	6.71
		9.75 x	2.44
			= 65.42 m2
			= 23.79
			= 89.21 m2

@ 286.37 /m2

Rs. 25548/-

Item No. 15/- 85mm thick c.c. floor consisting of 50mm under layer of cement concrete 1:3:6 and 15 thick wearing layer in cement concrete 1:2:2 using complete.

Floor	=			= 89.21 m2
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@ 449.48 /m2

Rs. 40099/-

Item No. 16/ 6.2.2(B)- 15mm thick cement plaster in single coat on rough side of single or half brick wall including curing complete as directed.

Wall	=	2 x	8.75 x	0.76	=	14.820 m2
	=	3 x	6.71 x	0.76	=	15.30
					B/F Only	= 252.854 m2
						= 282.973 m2

@ 111.25 /m2

Rs. 31481/-

Item No. 17/ -Providing GCI sheet roofn including fitting fixing necessary Galvd J or L hooks, bolts and nuts 8mm dia bitumen washer complete-

Only	=	2 x	4.16 x	10.95	=	91.10 m2
	=	1 x	3.05 x	10.95	=	33.3975
					=	124.50 m2

@ 425.09 /m2

Rs. 52924/-

Item No. 18/9.2 Providing fitting and fitting of 1st Class local wood/ Boneum/Hollock) battened and framed door and window shutters 1/2 oxidised butt iron hinges(100mmx58mmx1.90mm) 6Nos. With necessary screws.

Door	=	4 x	2.10 x	1.20	=	10.08 m2
	=	9 x	1.20 x	1.35	=	14.58
	=	13 x	0.60 x	1.20	=	9.36
				Total	=	34.02 m2

@ 1335.43 /m2

Rs. 45431/-

Item No. 19/13.6.5 Painting two coats(Excluding Priming coat) on new wood based surfaces with enamel paints of approved brand and manufacture (Asian, Berger & Nerolac) to give an even shade 1/2 cleaning the surface of all dust & dirt and other foreign matter sand papering & stopping.

B/F	34.02 x	2 =	68.04
		=	68.04 m2

@ 54.82 /m2

Rs. 3730/-

Item No. 20/9.3.1 Providing wood works in frames of false ceiling Partitions etc. sawn wrought framed hoisted and fixed in positions with spikes and nails,MS butt angles/cleats with bolts & nuts complete 1/2 kiroide oiling two coats etc.

Room	1 x	12 x	6.71 x	0.08 x	0.05 =	0.3221 m3
	1 x	7 x	12.70 x	0.08 x	0.05 =	0.3556
					=	0.678 m3

@ Rs. 29812.40 /m3

Rs. 20203/-

No.21/13.2.2 Distemping two coats with oil bound distemper of approved brand and manufacture and of required shade on new wall surface to give an even shade, over and including a priming coat with alkali resistant primer of approved brand after thoroughly brooming the surface free from mortar droppings and other foreign matters. Etc.

B/F Qty. = 282.973
Total = 282.973 m2

@ 66.07 /m2

Item No.22/7.2.1/ Providing fitting and fixing AC Building Board Ceiling with necessary nails, wood screws etc complete as directed.

Room 1 x 12.70 x 6.71

= 85.217 m2
= 85.217 m2

@ Rs. 292.15 /m2

Rs. 24896 /-

TOTAL Rs. 758467 /-

10% For Contractors profits (-)

= 75847 /-

= 682621 /-

Add 8% for water supply & Sanitation L/s

54610 /-

Total

Rs. 737230 /-

Add 7% for Electrification

Rs. 55000 /-

Add 1% Contingency

Rs. 8000 /-

Total Rs. 800230 /-

Total Rs. 800000 /-

Rupees Eight Lakh only

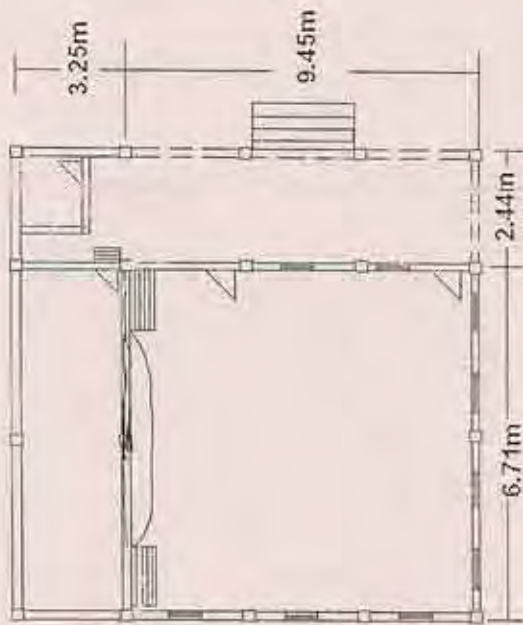
RJ
26/84/12
Executive Engineer i/c
Nagaon Zilla Parishad

Shahid
ACCREDITED ENGINEER
NAGAON ZILLA PARISHAD
NAGAON, ASSAM

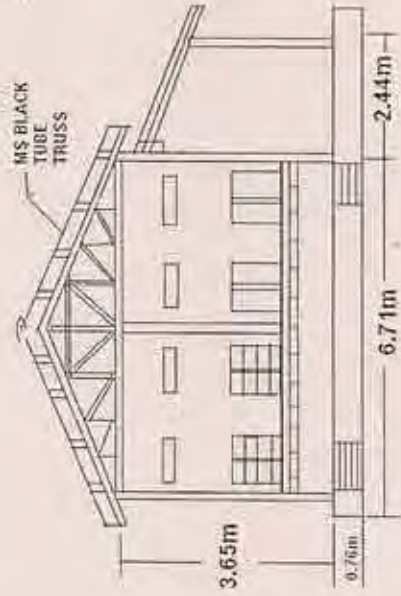
T.S. accorded for Rs. 8,00,000/-
(Rupees Eight lakhs) only

RP
27/4/12
Joint Director (Tech.)
Directorate P & R D, Assam
Panjabari, Guwahati - 37

CONSTRUCTION OF COMMUNITY HALL AT



PLAN

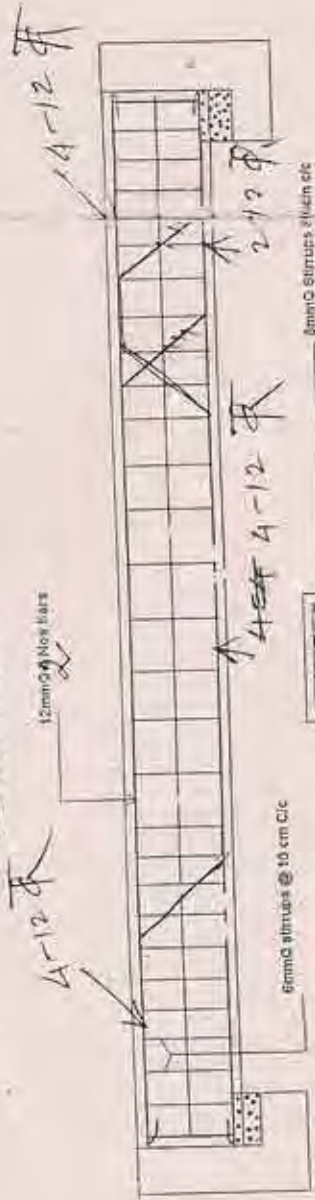


FRONT ELEVATION

Shree
ACCREDITED ENGINEER
NAGAON ZILLA PARISHAD,
NAGAON : ASSAM

CONSTRUCTION OF COMMUNITY HALL / MODEL

L-SECTION OF BEAM :



6mm dia stirrups @ 10 cm c/c

12mm dia No. 8 bars

SIZE = 30 cm x 25 cm

Tie
SECTION OF BEAM

at support



at midspan

6 bars, 12mm dia @



ACCREDITED ENGINEER
NAGAZILLA PARISHAD
NAGAOIN ASSAM