Model Estimate

Name of scheme: Construction of Community Hall under 13th Finance Commission

Estimated Amount

: Rs. 8,00,000.00 (Rupees Eight Lakh) only Name of work

: Construction of Community Hall under 13th

Finance Commission Award

Estimated cost

Rs. 8.00 Lakh (Rupees Eight Lakh) only

REPORT

Necessity: To strengthen the infrastructure at the Gaon Panchayat level, the Government has released ₹ 8.00 Lakhs under 13th Finance Commission Award. Accordingly a Model Estimate for Construction of Community Hall at Gaon Panchyat Level has been prepared to serve the following purposes.

- Enabling Meetings, Assemblies, Gaon Sabhas
- · Enabling social audits
- Training and Capacity Building

<u>Provision:</u> The major functional elements considered for Community Hall at Gaon Panchayat level are as follows:

- Meeting / Training hall
- Office space
- · Toilet for male & female

<u>SoR followed:</u> The estimate has been prepared on the basis of APWD(Building) SoR/2010-11 to arrive at the probable cost of the proposed construction of Community Hall. However, 10% Contractors' Profit has been deducted as per norms.

Services considered: The following services has been considered.

- Sanitary Installation.
- Internal Electrification.
- HTW for water facility.

The work is to be executed as per APWD specifications and Rural Development norms currently being followed in the state of Assam.

COUNTY OF STANCE OF STANCE

Detail estimate for construction of Community Hall

(The estimate has been prepared on the basis of APWD(Building) Schedule of Rates for the year 2010-11)

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like and	other wo	ks n	ot less	tha	n 100m	m th	nick up	to pli	nth level a)		- 1		
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1						2					3	4	5	- 6
		20	×	4	×	0.13	×	3.150	=	32.76 m²	1			
		20	×	2	×	0.35	×	4.200	=	58.80 m ²				
		20	×	2	×	0.50	×	4.200	=	84.00 m ²	- 3			
							-			175.56 m"	m²	175.56	213.73	37522 44
	3.1.1.3 Colu	ımns,	pillars	, posts	8	strut								
	b) Circular of	or curv	ed in	plan (l	Jsir		m th	ick plan	ik)	-255	2	5927		1015 10
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	3 1 1.2 Side below plinth (ii) Using 25r	belov	٧		plin	th bear	ms,	grade i	bean	ns etc. at or				
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	110 000	2	x:	2	×	9.10	×	0.300	=	10.92 m ²				
		4	*	2	×	3.60	×	0.300	=	8.64 m ²				
		1	×	2	×	3.00	×	0.300	=	1.80 m ²				
		2	×	2	×	1.50	x	0.300	8	1.80 m ²			1500000000	390000
		55				Note:				38.46 m ²	m ²	38.46	191.27	7356 24
	3 1 1 4) Sic	des ar	nd so	ffits of	be	ams, b	ean	n haund	hing	s, cantileve				
	girders, bre (a) For dep (ii) Using 25 Post Plate b	th not mm thi	ехсе	eding 1 nk		И	iai (ii							
		3	×	2	×	8.50	×	0.15	=	7.65 m ²	1			
		2	×	2	×	9.10	×	0.15	=	5.46 m ²				
		2	×	2	х	1.50	×		=	0.90 m ²				
		1	×	2	×	3.60	×	0.15	=	1.08 m ²				
	Lintel	3	×	2	×	8.50	×	0.20	=	10.20 m ²		1		
	1		38	2	X.	9.10	×	0.20		7.28 m ²				
		2	×	2	×	3.60	×	0.20	=	5.76 m		1		
		4	×	2	×	3.00	×	0.20	=	1.20 m ²		1		
		1		2	×		×		=	1.20 m ²		1		
	2115) 6	1	×	2	×	1.50	×	0.20	=	1.20 m ²	m ²	40.73	163.01	6639 40
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- 11	Control of the second of the														1	
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100	Lintel			Len	gth.	25.7	×	0.20			4 m					
1	Doors, Windo	ows & \	/enti	lator	5				- C1 11 1	-	100					
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				12	×			1.00		57755	5 m					
						1.0	×	0.45	=		0 m					
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ir s	ncluding stra shapes and I annealed bla	aighten length ick wir	ing, as p e an	clea er d	ing Co aning etail lacir	ode fo g. cutt s. sup	osition r R. ing plyin	on re C.C. and b g and	work endi	cement R.B. wing to puting with	ban valling rope	s		60.12	518.62	83041.4
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	(40mi concr the tir specif (a) Sa	mx3m ete bi nber i ied.	mx25 ock ir faces	imm)	and as p	er 1 ar	ing desig	n a	nd i	AS fi	at ded	hold in ce ide oili firected	fa: mer	st nt					
	(40mi concr the tir specif	mx3m ete bi mber i ied. if wood D	mx25 ock in faces d	imm) n pro in c	ontact	er 4 ar with	designd with	m and and	nd oco	MS filembed ats of asonry	at ded	hold in ce ide oili firected	fas mer ng to and m ³	st o d					
	(40mi concr the tir specif (a) Sa Doors, 2 2 Doors,	mx3m ete bl mber i ied. I wood D x x D ₁	mx25 ock ir faces d	omm) n pro in c	0.15 0.15	er 4 ar with x	designd with C.C.	h two	nd o co	MS filembed ats of asonry	lat Ided kinc as d	hold in ce ide oili firected	fas mer ng to and m ³	st o d					
	(40mi concr the tir specif (a) Sa Doors, 2 2 Doors, 5	mx3m ete bi mber i ied. il wood D x x D ₁	mx25 ock in faces d	omm) n pro in c	0.15 0.15	per 4 ar with x	designd with C.C.	with and and	nd oco	MS filembed ats of asonry	lat Ided kinc as d	hold in ce ide oilir firected 0.09 0.02	fas mer ng to and m ³	st o d					
	(40mi concr the tir specif (a) Sa Doors, 2 2 Doors, 5	mx3m ete bl mber i ied. I wood D x x D ₁	mx25 ock in faces d	omm) n pro in c	0.15 0.15	per 4 ar with x	designd with C.C.	with and and	nd oco	MS filembed ats of asonry	lat Ided kinc as d	hold in ce ide oilir firected 0.09 0.02	fas mer ng to and m ³ m ³	st o d					
3 5 5	(40mi concr the tir specif (a) Sa Doors, 2 2 Doors, 5	mx3m ete bl mber lied. Il wood D x x D ₁ x	mx25 ock if faces d	omm) n pro in c	0.15 0.15 0.15	per 4 an with	0.07 0.07	h two	nd oco	MS flembed ats of asonry 2.10 1.00 1.75	at ided kinic as d = =	0.09 0.24 0.40	fas mer ng t an m ³ m ³	m m	,3	0.40	552	200.04	22080.02
2.6.67	(40mi concr the tir specif (a) Sa Doors, 2 2 Doors, 5	mx3m ete bl mber lied. Il wood D x x D ₁ x x rng, fitt insert iss, jo logeth groot nserts of around all it 1st cl	mx25 ock infaces d 2 1 ting as of ined iner wive of see part of the fitting ass to	ommin pro in co	0.15 0.15 0.15 0.15 0.15 0.15 exing fairn to ther with ovicol im to 1 eather ovidis g with nels concept hir wood(Hel insertions)	ctor of 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.07 0.07 0.07 0.07 0.07 0.07 0.07 0.07	with and h two and 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	nd occorder was a considered with a considered w	AS fleembed ats of asonry 2.10 1.00 1.00 1.00 1.00 1.00 1.00 1.00	at ided kinic as constant as c	0.09 0.02 0.24 0.40 0.40 doors to 20 oove jo leaving e edges include x 75mm ize 25m ize 25m include x 75mm ize 25m ize	market ma	m m	,3	0.40	552	200.04	22080.02
C E CON	(40mi concrethe tirespecifical) Sa Doors, 2 2 Doors, 5 5 5 Providir panel thicknee glued to vertical panel in providir 3.55mm x15mm bead arr b) With III) 35mm	mx3m ete bl mber lied. Il wood D x x D ₁ x x rng, fitt insert iss, jo logeth groot nserts of around all it 1st cl	mx25 ock infaces d 2 1 ting a s of ined iner wi we of item a furning ass ic	ommin pro in co in	0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15	ctor of 5 5 5 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	o 0.07 0.07 0.07 0.07 0.07 0.07 y mad 0mm ontinu other m bety gue ir M.S.b. ulded ete as s to be ock / B of 20m 2.00	with and h two and 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	nd o coode mas a coode the a coode to the coode of the cooper the cooper to the cooper	AS fleembed ats of asonry 2.10 1.00 2.10 2.10 2.10 2.10 2.10 2.1	at ided kinic as constant as c	0.09 0.02 0.24 0.04 0.40 doors to 20 oove jo leaving e edges include x 75mr	market ma	m m	,3	0.40	552	200.04	22080.02
C (2 a.c.)	(40mi concrethe tirespecifical) Sa Doors, 2 2 Doors, 5 5 5 Providir panel thicknee glued to vertical panel in providir 3.55mm x15mm bead arr b) With III) 35mm	mx3m ete bl mber lied. Il wood D x x D ₁ x x rng, fitt insert iss, jo logeth groot nserts of around all it 1st cl	mx25 ock infaces d 2 1 ting a s of ined iner wi we of item a furning ass ic	ommin pro in co	0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15	ctor of 5 5 5 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.07 0.07 0.07 0.07 0.07 0.07 0.07 0.07	with and h two and 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	nd o coode mas a coode the a coode to the coode of the cooper the cooper to the cooper	AS fleembed ats of asonry 2.10 1.00 1.00 1.00 1.00 1.00 1.00 1.00	at ided kinic as constant as c	0.09 0.02 0.24 0.40 0.40 doors to 20 oove jo leaving e edges include x 75mm ize 25m ize 25m include x 75mm ize 25m ize	fas merrog to and m ³ m ³ m ³ with mm ints g as of ling mx ber	m m	,3	0.40	552	200.04	22080.02

1						2						3	1 4	5	6
3/11/2	Providing,	fitting	and !	fixing	ano	dised a	lumi	nium si	liding	windows	s and	1			- 0
Ε	ventilators	of sta	andard	i sec	tions	without	hor	izontal	glazi	ng bars	ipints	d .	1		
14,3	mitred and	weld	ded (m	anuf	actu	red to r	elev	ant IS	spec	fications) and	1			
	providing a				s, an	gle clea	at, ru	ıb							
	(a) 2 Track		0.8700												
	(i) 6mm gla	ass	W	9	×	1.00	1 53	1.35		12.15	7 1 6				
			V	12	×	0.45	×	1.00	=		m°	38			
46.2	2 15 mm this			10262	V-5077					17.55	m ²	m²	17.55	3793.85	66582 0
79.50	2 15mm thic	well (nent p	aste	r in s	ingle o	oat c	on roug	h sid	e of sing	gle or				
	half brick arises inte	rnal	cound	erior	piasi	ening t	ib to	ding 9	DOT H	evel inch	uding				
	finished ev	en ar	nd sme	ooth i	nclud	fina cur	ina c	complet	te ae	in girin	and				
	(b) In ceme	ent m	ortar 1	-4	.,,,,,,,,	mig car		or in pro-	10 00	directed					
	Area same				17				8	400 40	2	m²	1200000	5.42	
5/6 2 3	3 15mm thic	k ce	ment	olast	er in	single	con	t on f	air ei	160.12	mink /	m.	160.12	111.25	17813.35
	concrete w	all fo	or inte	rior r	plaste	ering u	o to	1st flo	or le	vel inch	idina				
	anses inte	rnal i	rounde	ed ar	igles	not ex	cee	dina 8	0mm	in girth	and				
	finished ev	en an	d smc	oth i	nelud	ling cur	ing c	complet	e as	directed	-			1	
	(b) In ceme													1	
				me a	s in I	tem No.	14/6	2.2 =		160.12	m"				
	Add Plinth	Wal	ļ											9	
		1	×	2	×	36.0	×	0.65	=	46.80			0 - 1		
		1	×	2	×	10.9	×	0.65	Ξ.	14.11			0		
										221.02	200				
	Deduction G	able \	Vall				5040	mer	=	15.02	12/2/25/3	100			
8/6 2.7	Evtra over	tom.	62	1.40			Ne	t Qty	=	206.01	m²	m ²	206.01	110.21	22704.36
wo.z.r	Extra over	to 1e	10 b.Z	1 10	6.2.5 /ion	for pl	aster	ing on	cellin	ig and so	offits				
	of stairs up curing com	nlete	as din	ected	(ms	lead or	pias	tering (on wa	ilis) inclu	ding				
	Chajja	2						2002		512722					
	Challa	2	×	2	×	8.5	×	0.45	=	15.30	11/11/2014	1.1			
		2	×	2	*	9.1	×		=	16.38	100				
		-	ै	*	*	1.50	×	0.45	=	2.70		2	80000	100.000	88000
m	Applying pri	mina	coat	over	new	wood h	200	deurfo	000.0	34.38	m-	m ²	34.38	15.05	517.42
3.6	in width/girt	h afte	er and	inclu	dina	prepari	no ti	ne surf:	ace h	ver rou	oblu				
17.1	cleaning oil	grea	se, dir	t and	othe	er foreig	in m	atter s	and a	anerina	and			- 1	
	knotting.									oponing	dillo		- 1	- 1	
	(b) With rea	dy m	ixed p	aint,	wood	primer	(wh	ite).			1.1	- 1		- 1	
1	Shutters:		10			1000	90,000	65.22				- 1			
		2		2	×	2.00	×	0.90	*	7.20	m ²	- 1	- 1	- 1	
	Door D			5	×	2.00		0.65		13.00			- 1		
	100	2	ж.							20.20	m ²	m ²	20.20	30.91	624.38
	D1										-	-		00.01	
6.4	D1 Applying pri	ming	coat c	ver r	new v	vood ba	ased	surfac	es u	to 100	mm				0115-02
1364	Applying pri in width an	ming id gir	coat o	over r	nd ir	ncluding	pre	eparing	the	surface	by				- 11 - 100-
18/13	Applying pri in width an thoroughly of	ming id gir	coat o	over r	nd ir	ncluding	pre	eparing	the	surface	by				
18/13	Applying pri in width an thoroughly opapering an	ming od gir olean d kno	coat of the aft ing oil, otting.	over r er ar	nd ir ase,	ncluding dirt and	pre d oth	eparing er fore	the	surface	by				
18/13	Applying pri in width an thoroughly of papering and (b) With rea	ming id gir dean dkno dy mi	coat of the aft ing oil, otting.	over r er ar	nd ir ase,	ncluding dirt and	pre d oth	eparing er fore	the	surface	by				
18/13	Applying pri in width an thoroughly of papering an (b) With rea Door frame:	ming id gir cleani d kno dy mi	coat of the aft ing oil, otting, ixed pa	over r er ar grea	nd ir ase, vood	ncluding dirt and primer	pred oth	eparing ner fore ite).	the	surface	by				
18/13	Applying pri in width an thoroughly of papering an (b) With rea Door frame:	ming id gir cleani d kno dy mi	coat of the aft ing oil, otting, ixed pa	over r er ar grea	nd ir ase, vood	ncluding dirt and primer	pred oth	eparing ner fore ite).	the	surface natter, s	by and M				
18/13	Applying pri in width an thoroughly of papering an (b) With rea Door frame:	ming id gir cleani d kno dy mi	coat of the aft ing oil, otting, ixed pa	over r er ar grea	nd ir ase, vood	ncluding dirt and primer	pred oth	eparing ner fore ite).	the	surface natter, s	by and M M				
18/13	Applying pri in width an thoroughly of papering an (b) With rea Door frame:	ming id gir cleani d kno dy mi	coat of the aft ing oil, otting, ixed pa	over r er ar grea	nd ir ase, vood	ncluding dirt and primer	pred oth	eparing ner fore ite).	the	surface natter, s 16.80 8.00 4.00	M M M				
18/13	Applying pri in width an thoroughly of papering an (b) With rea Door frame: 2 x 2 x 2 x 2 x	ming d gir d kno dy mi D 1 1	coat of the aft ing oil, otting, ixed pa	over r er ar grea	nd ir ase, vood	ncluding dirt and	pred oth	eparing ner fore ite).	the	surface natter, s	by and M M				
18/13	Applying pri in width an thoroughly of papering an (b) With rea Door frame:	ming d gir d kno dy mi D 1 1	coat of the aft ing oil, otting, ixed pa	over r er ar grea	nd ir ase, vood	primer 2 2 2 1	pred oth	eparing ler fore ite). 2 10 2 0 1 00 0 80	the eign r	surface natter, s 16.80 8.00 4.00	M M M M				

1						\$	2				13.000,010		3	4	5	6
	5	x	1	ж	1	×	2	×	2.0	=	20.00	М				
	5	×	1	ж	1	×	2	×	1.00	=	10.00					
	5	×	1	×	1	× _	1	×	0.65	=	3.25	_				***
								- 11		T =	105.65		М	105.65	3.29	347.59
19/13 6.5	based cleanii paperi	surfa ng the ng an	ces v surfa d stop	with en aces o oping	name of dirt	l pair dus	nt to g t and	ive a	n ever	sha	d and w de inclu terials, s	ding				
	(i) Sur (a) Ge paint/f	neral Verola	purpo	se(As	ian p	aint/l			t/ICI pa	aint/J	& N 20.20	m²	m ²	20.20	45.80	925.16
	(ii) Sur (a) Ge	rfaces neral	up to	100	mm v	vidth/	girth.		t/ICI pa	aint/J						
	paintri			ity sam	e 99	n Iten	n No.18	U13 6	4 =		105.65	м	M	105.65	5.08	536.70
+	Irl Co									wall	surface	-		122.48		
20/13.2.1	coat)	to giv	e a s e sur	mootl face to	boo rem	lied o	paque all dirt.	finis dust	sh inclu , morta	uding	thourou ps and o	ighly ther				
			Quant	ity san	ie as	in Iter	n No.14	4/6.2	3		160.12					
		-	Add fo	r chaj	a.			_			34.38					
4)								1			194.50 sing ave		m ²	194.50	6.70	1303 15
21/13.3	powde	er and th con	d plas nplete Quant	ster o	f par level ne as	s pa s as in Iter Wall	ste, m	aking ed ar	g the s	surfa	, with one even 160.12 15.02 145.10	and m ² m ²	m²	145.10	47.42	6880 64
ONE	Int Ac	white		conf	of d			mer	of and		d brand			140.10	47.42	0000004
22/13 2 2	manu free f	factur rom r ring th	e on nortai ne sur	wall s r drop face e	urfac ings even	e after and and s	er thou other	roug forei apere	hly bru gn ma ed smo	ishing tter a	the sui	face iding		145 10	29.69	4308.02
. P.V.	Tel Di						11 140.2				445 40			140:10	20.00	
C.			eri il IU	ABJUST C	lieton				7.7.4	and	145.10 manufa		the second second			4300,02
23/13.2	even dropp	shade ings a paper	and e, afte and o ed sn	of red or thou ther for nooth.	quired rough preign	nper d sha nly br n mai	of appi ide on ushing iter an	new the d inc	wall s wall s surfac- luding	surfac e free	manufa e to giv from m ce even	cture e an ortar and			5,55,00	
23/13	even dropp	shade ings a paper	and e, afte and o ed sn	of red or thou ther for nooth.	quired rough preign	nper d sha nly br n mai	of app ide on ushing	new the d inc	wall s wall s surfac- luding	surfac e free	manufa e to giv from m	cture e an ortar and		145.10	39.51	5732 90
	even dropp sand 4 65 mi of ce coars layer coars with a bond	shade ings a paper m thic ment e agg in cer e agg a float @ 2.7	and or after and or ed sn Quant conciument of the pregating of the pregati	of red ir thou ther for nooth. tity sar nent correte in te of the concrete te of the coat of	ne as oncre on pro 25mr ete in size	in Iteleste flor propio	of applied on ushing ther an No.2 oor cor 3:6 (1 d down 1:1:2) of down nent fi	the d incomplete (12/13. Insisting ceres on) are (100 on) lair nish	brand wall s surface duding 2.2 = ng of 5 ent : 3 nd 15 ement d in pa (using	surface free surface s	manufa e to giv from m ce even	e an ortar and m ² layer d : 6 aring d : 2 shed y for	m²	145.10	39.51	
	even dropp sand 4 65 mi of ce coars layer coars with a bond	shade ings a paper m thic ment e agg in cer e agg a float @ 2.7	and or after and or ed sn Quant conciument of the pregating of the pregati	of red in thou ther for nooth. tity same nent of rete in te of s concre te of s coat of per s	ne as oncre on pro 25mr ete in size	in Iteleste flor propio	of applied on ushing ther an No.2 oor cor 3:6 (1 d down 1:1:2) of down nent fi	rover new the d inc 2/13. nsisti ceme h) ar (1ce (1ce h) lai nish	d brand wall s surface duding 2.2 = ng of 5 ent : 3 nd 15 ement d in pa (using area) in	surface free surface s	manufar te to give from mace even 145.10 n under rse sand thick we arse san and fini ent slum	e an ortar and m² layer d : 6 aring id : 2 shed ry for g etc.	m²	145.10	39.51	
	even dropp sand 4 65 mi of ce coars layer coars with a bond	shade ings a paper m thic ment e agg in cer e agg a float @ 2.7	and or after and or ed sn Quant conciument of the pregating of the pregati	of red in thou ther for nooth. tity same nent of rete in te of s concre te of s coat of per s	ne as oncre on pro 25mr ete in size	in Ite	of applied on ushing ther an No.2 oor cor 3:6 (1. d down on 1:1:2 of down on the fire of files	rover new the d inc 2/13. nsisti ceme n) ar (1cc n) lai nish coor a	wall s surface luding 2.2 = ng of 5 ent : 3 nd 15 i ement d in pa (using area) in	surface free surface s	manufar te to give from made te even 145.10 n under rise sand thick we arse sand and fini ent slum ng curing	e an ortar and m² layer d : 6 aring id : 2 shed ry for g etc.	m²	145.10	39.51	
	even dropp sand 4 65 mi of ce coars layer coars with a bond	shade ings a paper m thic ment e agg in cer e agg a float @ 2.7 lete a	and or after and or ed sn Quant conciument of the pregating of the pregati	of red in thou ther for nooth. tity same nent of rete in te of s concre te of s coat of per s	ne as oncre on pro 25mr ete in size	in Ite in Ite in Ite in Ite in Ite in Ite prop I Omn t cen x	of applied on ushing ther an No.2 por cor 3:6 (1.0 down on 1:1:2 n down nent fire of fill	rover new the the dincorrection of the	wall s surface luding 2.2 = ng of 5 ent : 3 nd 15 r ement d in pa (using urea) in 8.50 3.60	surface free surface s	manufar te to give from made te even 145.10 n under rise sand thick we arse sand and fini ent slum ng curing	cture e an ortar and m² layer d: 6 aring id: 2 shed ry for g etc. m² m²	m²	145.10	39.51	

	Providing fitting ho	etino	and	2				- W	1	3 4	5	6
831	Providing fitting, hoi fabricated out of M.	Sting	and	fixing o	f roo	of trusse	s in	cluding purlin	ns			
25/18	fabricated out of M.	o pis	ICK-II	ibes co	nform	ning to	rele	vant I.S. code	в,		1	
Col.	no her approved o	resign.	ı an	d draw	mne	inchiefie		convitation as a	-			
	woods plates.	DOILS	and	nuts a	ort o	no cont	ad .		- 3		- 1	- 1
- 10	omornate primer	ana	CWO	coate	out is	SPAROUS	A m	manage at the same of	0.0		- 1	10
- 1	complete including is	uung i	песе	ssarv cl	eats	etc for	fivin	a ceiling is a	0		1	
	as per design and dr	awing	as	directed		010.101	HAIRI	g centrig joist	s			
	Section-AA	F111100			10.00						100	
- 1	65mmm dia(L)-Tata	107										
- 19	Rafter	2		4	X	5.50	=	44.00 m			1//	
	Tie	1	×	4	×	9.10	=	36.40 m				
11	Bottom runner	1		3		8.50				1	4	
- 1						0.30	_	25.50 m	4		111	1
- 1						(540		105.90 m		1		
15	50mmm dia(M)-Tata	ē.				A)	=	604.69 Kg	1			
i i	(ing Post								1			
1	ring Post	1	×	4	×	1.65		6.60 m	1	1	NI.	1
						B)	=	33.20 Kg	1			
14	0mmm dia(M)-Tata								1			
IS	Strut	2	×	4	×	1.20	=	9.60 m	1	1 -	1	1
		2	×	4	×	1,00000000	=	16.64 m	1	1	1	1
		2 2 2	×	4	1884	1.45			1		1	1
P	uriln	2	×	- 6				11.60 m		1	1	1
		~	10		_^	10.00	-	100.00 m	Į.	1	1	1
						52%		137.84 m	f			
S	ection-BB					C)	=	445.22 Kg				
								- 555		1	1	1
0	2mm dia (L)-Tata							1		1	1	
	after	2	×	2	×	2.20	=	8.80 m			1	
T		1	×	2	×	3.60		7.20 m	0		1	li .
	-Post	1	×	2	×			1.35 m	1)		17	
St	trut	2	×	2	×	Charter						
Pi	urlin	2	×	3		1.800		3.90 m			1	
		111-00		- 0	_^_	1.000	_	10.80 m				
						23.7		32.05 m			1	10
		Total	and a state	Na article and the		D)		81,41 Kg		V	10	
		total	weig	ht = A+1	B+C+	D	=	1164.52 Kg		M		17
		V	-11				= :	11.65.08	QtI	11.65	5875.00	68443.7
De	ouiding assessed in	On the last	enica	ed Iron	1 sh	eet roo	ofing		300	100	9010.00	00443.7
	oviding corrugated	gaiv	Grinas	11.01						1.1		
SH	AKTEE / SAIL inclu	idina i	fulfillene	and for	wine.	*****	200					
SH	AKTEE / SAIL inclu L hooks, bolts and n	uts 8	fitting	and fit	xing	necessa	ary g	alvenised J			1	
or x 3	AKTEE / SAIL inclu L hooks, bolts and n 3 mm thick and 1.6	uts 8	fitting mm thick	and fix dia with	xing bitu	necessa men wa	ary g	alvenised J 25 mm dia				
or x 3	HAKTEE / SAIL inclu L hooks, bolts and n 3 mm thick and 1.6 st of roof truss, pu	uts 8 mm	fitting mm thick	and fix dia with	xing bitu	necessa men wa	ary g	alvenised J 25 mm dia				
or x 3	HAKTEE / SAIL inclu L hooks, bolts and n 3 mm thick and 1.6 st of roof truss, pu	uts 8 mm	fitting mm thick	and fix dia with	xing bitu	necessa men wa	ary g	alvenised J 25 mm dia				
SH or x : cos me	HAKTEE / SAIL inclu L hooks, bolts and n 3 mm thick and 1.6 st of roof truss, pu pasured and paid sep	uts 8 mm	fitting mm thick	and fix dia with	xing bitu	necessa men wa	ary g	alvenised J 25 mm dia				
or x 3 cos me (a)	HAKTEE / SAIL inclu L hooks, bolts and n mm thick and 1.6 st of roof truss, pu asured and paid sep 0.45 mm thick	uts 8 mm i rlin e parate	fitting mm thick	and fix dia with limpet Roof tr	xing bitu	necessa men wa	ary g	alvenised J 25 mm dia				
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or x : cos me (a) Ser	HAKTEE / SAIL inclu L hooks, bolts and n mm thick and 1.6 st of roof truss, pu asured and paid sep 0.45 mm thick	uts 8 mm i rlin e parate	fitting mm thick	and fix dia with limpet Roof tr	xing bitu wasl usse	mecessa men wa her com s and p	ary g sher purli	alvenised J 25 mm dia e excluding n etc.to be				
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SH or x : cos me (a) Sei Sei	AKTEE / SAIL inclu L hooks, bolts and n 3 mm thick and 1.6 st of roof truss, pu assured and paid sep 0.45 mm thick c-AA c-BB	outs 8 mm orlin e parate	mm thick ttc. (ely).	g and fix dia with limpet Roof tr 9.40 1.95	xing bitu wash usse x	mecessamen wa mer com s and p	ary g sher polet purli	alvenised J 25 mm dia e excluding n etc.to be 103.40 m ² 9.17 m ² 112.57 m ²	m²	112 57	335.27	37741.34
SH or x : cos me (a) Sei Sei	AKTEE / SAIL inclu L hooks, bolts and n 3 mm thick and 1.6 st of roof truss, pu assured and paid sep 0.45 mm thick c-AA c-BB	outs 8 mm orlin e parate	mm thick ttc. (ely).	g and fix dia with limpet Roof tr 9.40 1.95	xing bitu wash usse x	mecessamen wa mer com s and p	ary g sher polet purli	alvenised J 25 mm dia e excluding n etc.to be 103.40 m ² 9.17 m ² 112.57 m ²	m²	112 57	335.27	37741.34
SH or x 3 cos me (a) See See	AKTEE / SAIL inclu L hooks, bolts and n mm thick and 1.6 st of roof truss, pu easured and paid sep 0.45 mm thick c-AA c-BB eviding galvd iron ric aplying and fixing ner	outs 8 mm orlin e parate	mm thick ttc. (ely).	g and fix dia with limpet Roof tr 9.40 1.95	xing bitu wash usse x	mecessamen wa mer com s and p	ary g sher polet purli	alvenised J 25 mm dia e excluding n etc.to be 103.40 m ² 9.17 m ² 112.57 m ²	m²	112 57	335.27	37741.34
SH or x 3 cos me (a) See See Pro sup	AKTEE / SAIL inclu L hooks, bolts and n 3 mm thick and 1.6 st of roof truss, pu easured and paid sep 0.45 mm thick c-AA c-BB eviding galvd iron ric applying and fixing nei- directed.	outs 8 mm orlin e parate	mm thick ttc. (ely).	g and fix dia with limpet Roof tr 9.40 1.95	xing bitu wash usse x	mecessamen wa mer com s and p	ary g sher polet purli	alvenised J 25 mm dia e excluding n etc.to be 103.40 m ² 9.17 m ² 112.57 m ²	m²	112 57	335.27	37741.34
SHOOT X : COST ME (a) Section	AKTEE / SAIL inclu L hooks, bolts and n 3 mm thick and 1.6 st of roof truss, pu easured and paid sep 0.45 mm thick c-AA c-BB eviding galvd iron ric aplying and fixing nei- directed. 0.45 mm thick	outs 8 mm orlin e parate	mm thick ttc. (ely).	g and fix dia with limpet Roof tr 9.40 1.95	xing bitu wash usse x	mecessamen wa mer com s and p	ary g sher polet purli	alvenised J 25 mm dia e excluding n etc.to be 103.40 m ² 9.17 m ² 112.57 m ²	m²	112 57	335.27	37741,34
Strong (a) Second (a)	AKTEE / SAIL inclu L hooks, bolts and n 3 mm thick and 1.6 st of roof truss, pu assured and paid sep 0.45 mm thick c-AA c-BB aviding galvd iron ric aplying and fixing nei- directed. 0.45 mm thick c-AA	outs 8 mm orlin e parate	mm thick ttc. (ely).	g and fix dia with limpet Roof tr 9.40 1.95	xing bitu was/ usse x x HAK ews/	necessamen washer comes and page 5.50 and page 5.35 and page 5.50 and pa	ary g sher polet purli	alvenised J 25 mm dia e excluding n etc.to be 103.40 m ² 9.17 m ² 112.57 m ² including complete	m²	112 57	335.27	37741.34
Strong (a) Second (a)	AKTEE / SAIL inclu L hooks, bolts and n 3 mm thick and 1.6 st of roof truss, pu easured and paid sep 0.45 mm thick c-AA c-BB eviding galvd iron ric aplying and fixing nei- directed. 0.45 mm thick	outs 8 mm orlin e parate	mm thick ttc. (ely).	g and fix dia with limpet Roof tr 9.40 1.95	was was usse x x HAK ews/	necessamen washer comes and part of the come	ary g sher polet purli	alvenised J 25 mm dia e excluding n etc.to be 103.40 m ² 9.17 m ² 112.57 m ² including complete	m²	112 57	335.27	37741.34
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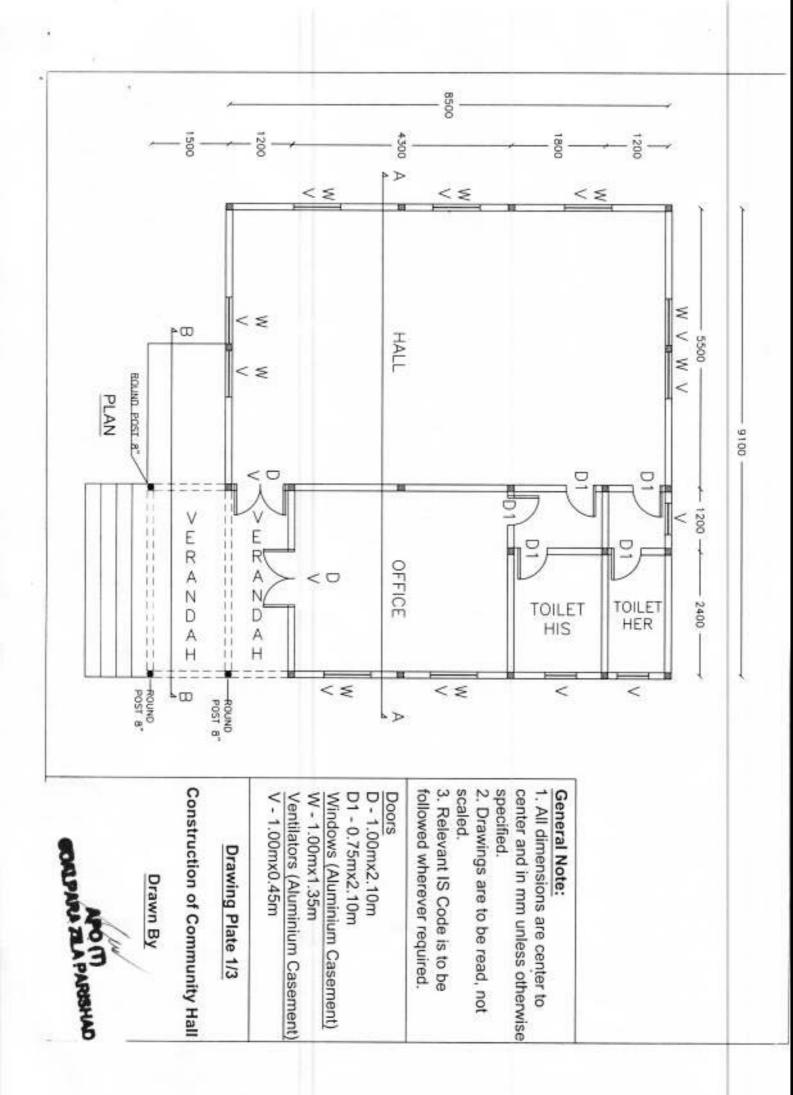
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28/9 3 1	wrough flat,ang two co cleats.	it, fra le/ c ats t and	med leats o une bolt	hoiste with to expos and	ed and polt ar sed su nuts r	d fix nd n urfac equ	ed in pouts com ses of t	sitor plete he t flat	n with a e includ timber , angle	spike ding l (M.S clea	ns etc.s s, nails, diricide of flats, a its wher	M.S siting ingle					
	(a) Wit	h sal															
	1	×	10	×	8.50	×	0.075	х	0.05	=	0.32						
	1 1	×	10	X	9.10		0.075	×			0.34						
	1 1	×	2	×	3 60				100 1000		0.03						П
		*	4	×	1.50	х.	0.075	×	0.05	-	0.02	the same of	m³	0.71	42229.17	29982	7.
29/7 2.1	necess x 12m	ary r m (h o tim	nails, n nollock nber	wood k/bon bead	screv sum/s is cor	vs ir und nple	ncluding i) bead ite as d	1st ing	class includi	local ng p	ceilling wood 50 aint ing pjoist to	mm two					
					1	×	9.10	×	8.50	=	77.35	m ²					
					1	×	1.50	×	3,60	=	5.40		120		Vap4664.0104		ļ.,
			anno e								82.75 pattern		m ²	82.75	269.44	22296	11
30/10 2	spacing	g in neaded ed to	fram ed bol	e all Its an	round d nuts	d, s or : /R.C	squre o screws C.C.	r roi		M.S.		with					
	Minde	4.0															
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-	Ventila	tor	arge t	hoard	1 of si	x	12	х	6.00	*	72.00 162.00	Kg Kg	Kg	162.00	65.55	10619	110
31/941	Ventila Providi	tor ng b	nsum	timb	of si	x . ze 2	12 00mm	x x 20	6.00 0mm w	ith 1s	72.00	Kg Kg local sary RM RM RM		162,00	65.55	10619	110
	Providi Hollock wood s	tor ng ba d Bo crew	nsum s etc.	timb	of single of sin	x ze 2	12 00mm ng fittin 2 4 2 4	x 20 g ar x x x	6.00 0mm wind fixin 10.00 5.50 1.50 2.20	ith 1s g wit	72 00 162 00 at class h neces 20 00 22 00 3 00 8 80 53 80	Kg Kg local sary RM RM RM RM	RM	162.00 53.80	65.55	10619	
32/15.2.1 31/9.4.1	Providi Hollock wood s Supply make, and oth	ing, reasoner d matter	fitting, onably efects alumin & sar	fixir com fixir s smo s and nium tin fin	of sing and ooth, for with screw	x ze 2 ze 2 ze	12 200mm ng fittin 2 4 2 4 sed alu from shi	x 20 g ar x x x x mini	6.00 0mm wind fixin 10.00 5.50 1.50 2.20 1.50 2.20 1.50 2.20	ith 1s g with = = = ings and c	72.00 162.00 at class h neces 20.00 22.00 3.00 8.80	Kg Kg local sary RM RM RM RM oved laws	RM				
	Providi Hollock wood s Supply make, and oth necess natural	ng b. // Bo crew ing, reasoner d ary matting	fitting, onably efects alumin & sai	fixir fixir s smo s and nium tin fin	of sing and ooth, for with screw	x ze 2 ze	12 2 4 2 4 sed alu from sharter sun	x 20 g ar x x x x mini	6.00 0mm wind fixin 10.00 5.50 1.50 2.20 1.50 2.20 1.50 2.20	ith 1s g with = = = ings and c	72.00 162.00 at class h neces 20.00 22.00 3.00 8.80 53.80 of appriorners, f	Kg Kg local sary RM RM RM RM oved laws	RM				
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	Providi Hollock wood s Supply make, and oth necess natural (a) Slice (i) 300r	ng b:// Bo crew ing, reasoner d matting	fitting, onably efects alumin & saidoor	fixir fixir s smo s and nium tin fin	of sing and ooth, for with screw	x ze 2 ze	12 2 4 2 4 sed alu from sharter sun	x 20 g ar x x x x mini	6.00 0mm wind fixin 10.00 5.50 1.50 2.20 1.50 2.20 1.50 2.20	ith 1s g with = = sings and c r scree	72 00 162 00 at class h neces 20 00 22 00 3 00 8 80 53 80 of appropries, fews included to b	Kg Kg local sary RM RM RM RM oved flaws iding pright	RM	53.80	224.81	12094	1.70
	Providi Hollock wood s Supply make, and ott necess natural (a) Slic (i) 300r	ing, ing, matt	fitting, onably efects alumin & saidoor 16min	fixir y smo s and nium tin fin bolts	of sing and ooth, for with screw	x ze 2 ze	12 00mm ng fittin 2 4 2 4 sed alu from sha nter sun etc. con	x 20 g ar x x x x mini arp e k ho	6.00 0mm wind fixin 10.00 5.50 1.50 2.20 0mm fitt edges a oles for te. (an	ith 1s g with = = = ings and c scree nodis	72.00 162.00 at class h neces 20.00 3.00 8.80 53.80 of appriorners, f was included to b	Kg Kg local sary RM RM RM RM oved flaws iding right	RM	53.80	224.81	12094	1.78
	Providi Hollock wood s Supply make, and oth necess natural (a) Slice (i) 300r	ing, ing, matt	fitting, onably efects alumin & saidoor 16min	fixir y smo s and nium tin fin bolts	of sing and ooth, for with screw	x ze 2 ze	12 00mm ng fittin 2 4 2 4 sed alu from sha nter sun stc. con	x 20 g ar x x x mini arp e k ho	6.00 0mm wind fixin 10.00 5.50 1.50 2.20 0mm fitt edges a oles for te. (an	ith 1s g with = = = ings and c scree nodis	72.00 162.00 at class h neces 20.00 22.00 3.00 8.80 53.80 of appropries, fews included to b	Kg Kg local sary RM RM RM RM oved flaws lding right Nos. Nos.	RM	53.80	224.81	12094	1.70
	Providi Hollock wood s Supply make, and ott necess natural (a) Slic (i) 300r	ing, ing, matt	fitting, onably efects alumin & saidoor 16min	fixir y smo s and nium tin fin bolts	of sing and ooth, for with screw	x ze 2 ze	12 00mm ng fittin 2 4 2 4 sed alu from sha nter sun stc. con	x 20 g ar x x x x mini arp e k ho	6.00 mm wind fixin 10.00 5.50 1.50 2.20 ium fitt edges a oles for te. (an	ith 1s g with = = = ings and c scree nodis	72 00 162 00 at class h neces 20 00 22 00 3 00 8 80 53 80 of appropries, fews included to b	Kg Kg local sary RM RM RM RM oved flaws iding pright Nos. Nos. Nos. Nos. Nos.	RM	53.80	224.81	12094	.38
	Providi Hollock wood s Supply make, and ott necess natural (a) Slic (i) 300r	ing, ing, reasoner diary in matter than x wer to the control of th	fitting, onably efects alumin & sai door 16mi	fixir com fixir y smo s and nium tin fin bolts	of sing and ooth, for with screw	x ze 2 ze	12 00mm ng fittin 2 4 2 4 sed alu from sha nter sun stc. con	x 20 g ar x x x mini arp e k ho	6.00 0mm wind fixin 10.00 5.50 1.50 2.20 0mm fitt edges a oles for te. (an	ith 1s g with = = = ings and c scree nodis	72 00 162 00 at class h neces 20 00 22 00 3.00 53 80 of approrners, f ws included to b	Kg Kg local sary RM RM RM RM RM Oved flaws iding iright Nos. Nos. Nos. Nos. Nos.	RM	53.80	224.81	12094	38

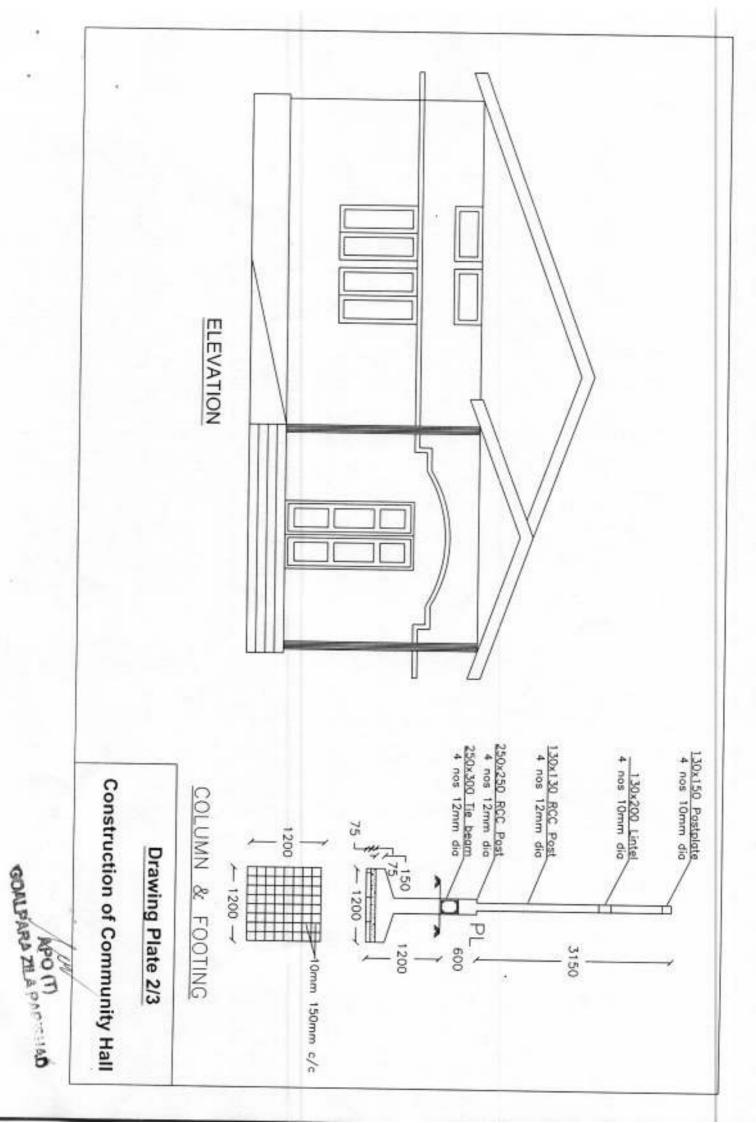
4			2					3	4	5	6
	(c) Door handle (i) 100mm	w	9	×	1	2	9 Nos.	Each	9	61.09	549.81
	(ii) 150mm	D	2	х	2	=	4 Nos	STATE.			
	100	D,	5	×	2	=	10 Nos				
							14 Nos	Each	14	75.37	1055 18

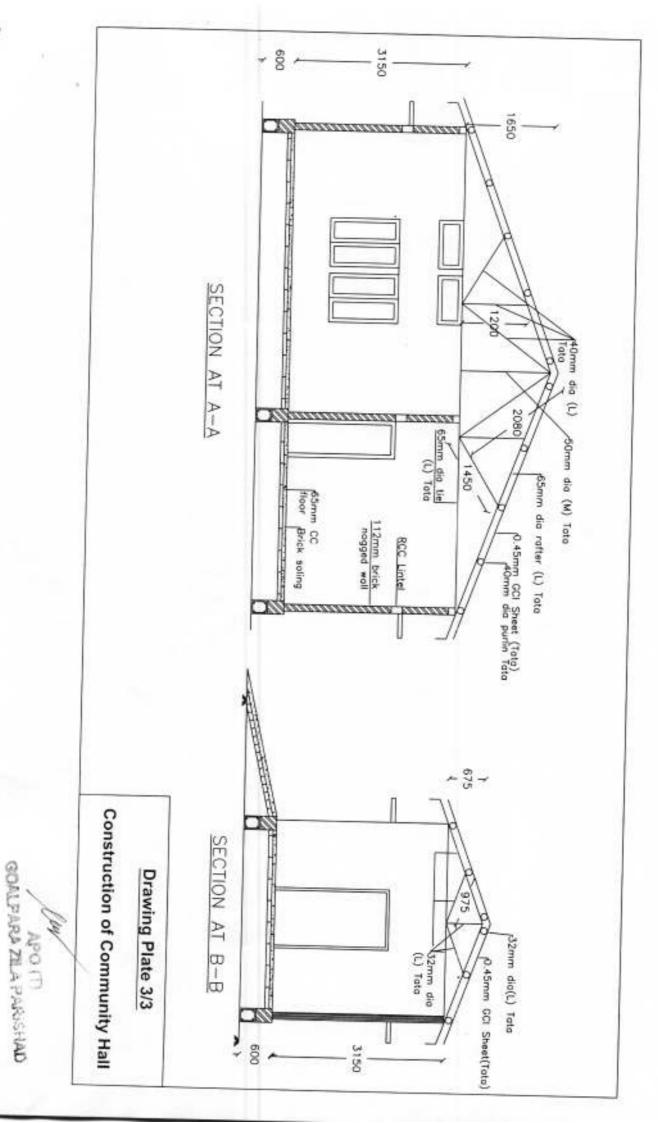
Deduct 10% Contractors' Profit =	790293.03 79029.30
Add for 20 users Septik Tank = Add for HTW with C.C. platform = Add for internal electrification (5%) of CW = Add for sanitary installation LS =	711263.72 27348.00 10000.00 35563.19 15000.00
GT =	799174.91

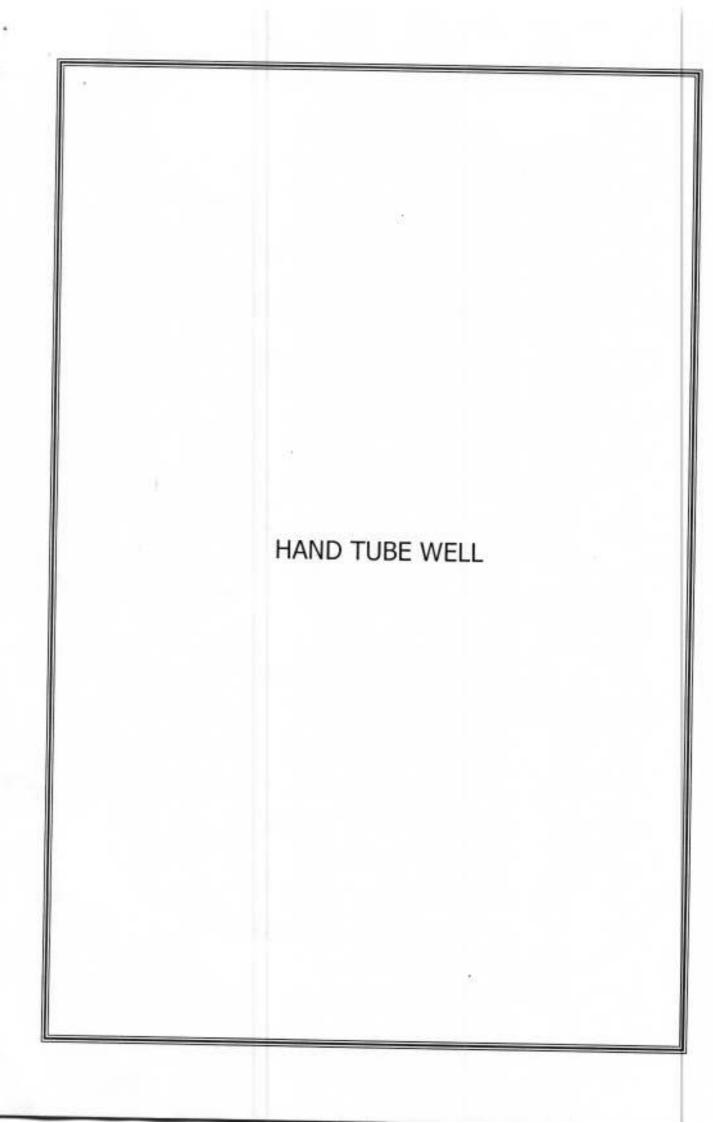
SAY, 800000.00 Rupees Eight Lakh only

CONTRACTOR THE PARTITION









Estimate for installation of HTW with HP No. 6 & C.C Platform & Drain (As per APHED S.O.R./2008-09 & APWD(Water Supply & Sanitary) S.O.R./2010-11)

ANNEXURE - A LABOUR CHARGE

SI No.	Item of work	Unit	Qnty	Rate, Rs.	Amount, Rs.
1	2	3	4	5	6
1/2 1 1	Labour charge for making bore hole of 40 mm dia G.I. pipe up to required depth below ground level 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 pipe for lowering well assembly etc. all complete as directed		23.00	53.90	1,239.70
2/2 2 1	Labour charge for sinking, lowering, fitting, fixing in position 40 mm dia G.I. pipe with 40 mm dia strainer placed in potable water bearing layer with40 mm dia cone at the bottom of the tube well, washing the bore well etc. and supplyingnecessary jointing materials cutting and threadingthe pipe complete including carriage of materialsand cleaning and priming the tube well allcomplete as directed.	m	18.00	12.50	225.00
3/2 5 1	Labour charge for fitting, fixing force and lift/shallow well hand pump with necessary clamps, nuts, bolts etc firmly on the top of the pedestal including cutting, threading the pipe as necessary with local carriage of materials and commissioning the pump all complete as directed.	Each	1	48.40	48.40
4/2 11.1	Construction of plate form of conventional tube well with cement concrete works in proportion 1.2.4 of 1.50m dia (outside to outside) in two layers with a base layer of concrete of proportion 1.4.8 as per approved drawing No. C.E.(PHE)- 03/05 including necessary earth work and refilling after completion of work all complete as directed.	Each	1	1,929.80	1,929.80
5/2 11.5	Construction of drain with cement concrete works in proportion 1.2.4 in slope 1.50 with a base layer of concrete of proportion 1.4.8 as per respective approved drawings including necessary earth work and refilling after completion of work allcomplete as directed.	m	1.0	282.00	282.00

ANNEXURE - B COST OF MATERIALS

Si No.	Item	Unit	Onty	Rate	Amount
1	Maya hand Pump Hand Pump No. 6 for 40mm dia tube well with all accessories (as per PWD rate)	Each	1	Rs. 1,794.99	Rs. 1,794.99
2	40 mm dia GI Pipe (as per PHE rate)	m	18.0	Rs. 195.30	Rs. 3,515.40
3	40 mm dia BJ Strainer (as per PHE rate)	Each	1	Rs. 911.10	Rs. 911.10
4	40 mm dia C.I. Cone	Each	1	Rs. 20.00	Rs. 20.00

otal = Rs. 6.241.49

ABSTRACT OF COST FOR 1(ONE) NO. OF HTW

Total = Rs. 9,966.39

SAY, Rs. 10,000.00

Rupees Ten Thousand only

SOIL PARA ZE A PARISHAD



Detailed Estimate for the Septic Tank 20 Users

Earth work in excavation for foundation trenches of u

(Schedule of Rates for PWD Building (Civil words) 2010-11)

//		retaining wall, column etc. including refilling the quantity as necessary after completion of the work, breaking clods in return filling, dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified				
2	4.1.1	Providing soiling in foundation and under floor with stone / best quality picked jhama brick, sand packed and laid to level and in panel after preparation of sub gradeas directed including all cost of labour and materials and if necessary dewatering complete a) Brick flat soling 1x 3.65 x 1.60 = 5.84 m2	Rs.64.67 Rs.415.18			
- 4	2.1.1	Particular and the control of the co	Rs.286.37	Rs.1,672.40		
	2.1.1	Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick work etc. as directed and specified including dewatering if necessary, and curing complete (shutterin where necessary shall be measured and paid separately) a) In prop. 1.3:6 1x 3.65 x 1.60x 0.10 = 0.58 m3				
4	2.2.1	Providing and laying plain/ reinforced cement concrete work in prop. 1:2.4 (1 cement : 2 coarse sand : 4 graded stone aggregate, 20mm down) including dewatering if necessary, and curing compelte but excluding cost of form work and reinforcement for reinforced cement concrete work.	Rs.3,733.00	Rs.2,165,14		
		a) In Substructure upto plinth level				
		Foundation, footing, columns with base tie and plinth beam, pile cap, base slab, retaining wall, walls of septic tank, inspection pit				
		and the like and other works not less than 100mm thick up to plinth level				

 $= 0.16 \, \text{m}$ 3

 $= 0.02 \, \text{m}$ 3

T = 0.18 m3

5 4.1.4 Brick work in cement mortar with 1st class brick including racking ut joint and dewatering if necessary, curing complete as directed in sub-structure utpo plinth level

b) In prop. 1:4

1x 2.70x 0.90x 0.065

1x 1.00x 0.15x 0.15

2x 3.45x 0.25x 1.35 = 2.33 m3 2x 0.90x 0.25x 1.35 = 0.61 m3 1x 0.90x 0.125x 1.05 = 0.12 m3 1x 0.90x 0.125x 1.05 = 0.12 m3 = 3.17 m3

Rs.4,401.57 Rs.13,952.98

Rs.852.15

Rs.4,734.15

6 6.2.2 15mm thick cement plater in single coat on rough 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

7 25.12 Providing precast RCC slab in prop. 1:2:4 reinforced with 10mm bars @ 150mm cement both ways tying with 20 gauge annealed wire with necessary shuttering including fixing b) 75mm thick slab

1 x 1x 3.45x 1.40 = 4.83 m2

Rs.95.10 Rs.288.15

Rs.1,085.06 Rs.5,240.84

ANNEXURE - C

- 8 5.1.10 Cement plaster skirting with cement mortar 1:3 finished with a floating coat of neat cement including rounding of junction with floor
 - a) 15mm thick

2 x	1x	2.70x	1.35	= 7.29 m2
3 x	2x	0.90x	1.20	= 6.48 m2
1 x	1x	2.70x	0.90	= 2.43 m2
				16.20 m2

Rs.170.47 Rs.2,761.61

Total Cost = Rs.27,348.45

(Rupees Twenty even Thousand Three Hundred Forty Eight & Paise forty five only)

GOTT PARA 25 A PARISHAD

CAHEBRAS A 115 COLORES

DRAWN BY BRICK BATS OR DRY CHARGOUS SOAK PIT SECTION SOAK PIT PLAN SEPTIC TANK WITH SOAK PIT 450 to 388 HAT BRITK STUNG - PRICAST REFE SERBINE 2 + WITH COLD AND COMPANY -CC WORKE N. 5 4.1. WORKLO.4 # GRECE STITE STATE LONG SECTION HUIS -PLAN - TOPON W. -KUC TERMA HERNAMA WANTED BY 0 10 - 522 --

* ALL DIMENSIONS ARE IN MM

Partia veta Sansak Je Engineer Partim Kaliabor Development Block Missa Nagaon Assam