Haryana Forest Development Corporation

(A government of Haryana undertaking)

E-Tender Document

TENDER NO. : GM/HFDC/KNL/28/2026-27

FOR

Construction of Shed for Horizontal and Vertical Saw Mill Shed in Mangalpur, Karnal

Haryana Forest Development Corporation

Office: General Manager Haryana Forest Development Corporation
Forest Complex, Near Railway Station, Karnal (Haryana)
Telephone 0184-2986731
E-mail:gmhfdckarnal@gmail.com Website: www.hfdc.gov.in

DETAILED NOTICE INVITING TENDER

HARYANA FOREST DEVELOPMENT CORPORATION

TENDER NO..... DATED.....

GENERAL MANAGER, HFDC, KARNAL

Online bids, under the two-bid system, for Construction of Shed for Horizontal and Vertical Saw Mill Shed in Mangalpur, Karnal hereby invited from the contractors registered with Haryana Forest Development Corporation (HFDC). The interested bidders may submit their bids at website **http://etender.hry.nic.in**.

The tentative details regarding the particulars of work, specification of work, time schedule for completing the work, approximate quantity and amount is given as under:-

Area of Work	Particulars of the Work	Approximate Quantity of work during the financial year 2026-27	Approximate Amount of work during the financial year 2026-27 (in Rs)	Tentative Time Schedule for completing the work
HFDC Saw Mill Mangalpur (Karnal)	Construction of Shed for Horizontal and Vertical Saw Mill Shed in Mangalpur, Karnal	1	3918527/-	31.03.2027
Documents fee Rs. 2500+450(GST)=2950 & e-service fee Rs. 1000+180(GST)=1180/- (Non refundable) through online.				

General Manager
HFDC, Karnal

Key Dates:

a) Time / date of online publication **04.11.2026.**

b) Downloading of tender document from time **09:00 Hrs on 04.11.2026**

c) Pre- Bid Meeting, if required, at **N.A.**

d) Last Date for submission of bids is upto **17:00 Hrs on 12.11.2026**

e) Technical bid opening at **12.00 PM on 13.11.2026**

f) Financial / price bid opening **after Technical Bid**

g) Bidding Documents can be downloaded online from the Portal http://haryanaeprocurement.gov.in by the Contractor/agency registered on the Portal by paying document fee and e-service charge.

TERMS AND CONDITIONS

1. Conditional bids will be treated as non-responsive and rejected.
2. All Bids will be opened by the Tender Opening & Evaluation Committee at the specified time and place.
3. The validity of bid is up to 31st march of the financial year 2026-27.
4. The tender issuing authority reserves the right to accept or reject any or all the bids received without assigning any reasons thereof.
5. Rates shall be quoted in the prescribed format of the Tender Schedules clearly in percentage of SOR both in words and figures.
6. In case the documents attached with the bid does not satisfy the qualification criteria, the bid will be liable to be rejected summarily without giving any reason.
7. The details of items of work/plan, sanction, drawing, specification can be seen in the office of the Manager Karnal on any working day.
8. Bidders are advised to go through the Standing Order of HFDC regarding tender guidelines for execution of works in HFDC through item rate contract system (available at **http:/hfdc.gov.in**).
9. In case of dispute, the jurisdiction of Civil Court will be at Karnal

General Manager,
H.F.D.C., Karnal

HARYANA FOREST DEVELOPMENT CORPORATION
GENERAL MANAGER, HFDC, KARNAL
TENDER APPLICATION FORM (TECHNICAL BID DOCUMENT)
TENDER APPLICATION FORM – PART- I

Tender No:- Date:-

Tender for (Name of Work)

……

.....

From:

(Name in block letters) _____

(Address in full) _____

_____

To

The General Manager

HFDC, Karnal

Sir,

In response to the Tender Notice No. _____ dated _____, I……. hereby declare that I am authorized representative of Firm/ Society/ Agency and I have read all the conditions carefully and having agreed to them fully and unconditionally, I submit the Financial Bid attached with this document. The details mentioned herein are true to my knowledge and the documents as listed below are attached herewith.

Documents to be submitted: -

a) Signed copy of Tender Document along with the terms and conditions (each page duly signed and stamped).

b) Proof of Online payment of Security Deposit / Tender Fee and E-Service Charges.

c) Self-attested copy of PAN Card.

d) Self-attested copy of GST Certificate.

e) Self-attested copy of Bank Account Details.

f) Copy of the Registration Certificate issued by HFDC.

g) EPF and ESI registration number issued by Competent Authority.

h) Affidavit to the effect that applicant is not blacklisted by any authority.

i) The Firm/Agency/Contractor must demonstrate a minimum average annual turnover of Rs. 1 Crore during any three consecutive financial years out of the last four financial years. The bidder shall provide proof of turnover, which must be submitted along with the Technical Bid in the form of a certificate, duly certified by a Chartered Accountant.

Additionally, the bidder shall submit the Income Tax Returns for the last three consecutive financial years out of the last four financial years.

a) Income Tax Return of last three years.

b) Detail of similar projects executed by the applicant during last three years:

Sr. No.	Name of the Department / Organization	Brief narration of the type of work implemented	Contract Value (only net checked amount issued by Authority)	Financial year of the completion of the work	Supporting documents against the claim
1.					
2.					
3.					
4.					

Signature of Bidder or Authorized Representative

Date_____
Place_____

DETAIL ESTIMATE FOR CONSTRUCTION OF SHED FOR HORIZONTAL & VERTICAL SAW MILL SHED IN MANGALPUR, KARNAL									
	Detail Measurement sheets								
S.No	**HSR/NS**	**Description of item**	**No.**		**L**	**B**	**D/H**	**Qty.**	
1	**5.7**	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.							
	5.7.4	In cement mortar							
		BRICK WORK							
			1	2	10.200	0.230	4.800	22.52	CUM
			1	1	15.000	0.230	4.800	16.56	CUM
			1	2	18.280	0.230	1.200	10.09	CUM
			1	2	0.900	0.230	1.200	0.50	CUM
			2	2	3.300	0.230	1.200	3.64	CUM
			1	2	1.800	0.230	1.200	0.99	CUM
							Total	**54.30**	**Cum**
2	**5.15**	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:							
	5.15.1	G.S. Sheet							
			1	1	20.000	10.500		210.00	Sqm
			1	1	17.000	7.000		119.00	Sqm
							Total	**329.00**	**Sqm**
3	**5.32.2**	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in: 5.32.2 Channels, angles, tees and flats							
			1	1	20.000	10.500		210.00	Sqm
			1	1	17.000	7.000		119.00	Sqm
							Total	**329.00**	**Sqm**
					12 kg/sqmt.		**Total**	**3948.00**	**KG**
4	**4.12.1**	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead up to 50 m and lift up to 1.5 m, as directed by Engineer-in-charge.							
		FOOTING							
		F1	1	20	2.100	2.100	1.500	132.30	CUM
		BRICK WORK							
			1	4	3.300	1.140	1.500	22.57	CUM
			1	2	1.500	1.140	1.500	5.13	CUM
			1	1	1.125	1.140	1.500	1.92	CUM
			1	1	1.425	1.140	1.500	2.44	CUM
							Total	**164.36**	**Cum**

	Detail Measurement sheets								
S.No	HSR/NS	Description of item	No.		L	B	D/H	Qty.	
5	4.32	Filling available excavated earth (excluding rock) in trenches, cum plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	Quantity of Item No 1 @ 66%					108.48	Cum
6	3.1.2+ HO001	Loading, Unloading, and Carriage of Materials + Royalty for good earth							
			1	1	19.500	10.50	0.300	61.43	CUM
			1	1	16.350	6.90	0.300	33.84	CUM
							Total	95.3	CUM
7	17.5.3	Compaction of & preparation of sub grade including loosening,levelling of earth 225 mm thick top layer, rough dressing of soil, final dressing of earth to give level, camber, watering, rolling with road roller, compacting the bed to achieve minimum dry density as given in the Table 3000-2 as per technical clause 305 of MORT&H specifications (in case of link roads earthwork to be done by villagers							
			1	1	19.500	10.50		204.75	SQM
			1	1	16.350	6.90		112.82	SQM
							Total	318	SQM
8	4.39	Providing and injecting chemical emulsion for PRE- CONSTRUCTIONAL anti termite treatment and creating a chemical barrier under and around the column pits, wall trenches, basement excavation, top surface of plinth filing junction of wall and floor, along with the external perimetre of building, expansion joints surrounding of pipes and conduit etc, complete (plinth area of the building at ground floor only shall be measured) using Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	sqm						
		SITE FOR EARTH EXCAVATION							
		FOOTING							
		F1	1	20	2.100	2.100		88.20	SQM
		BRICK WORK							
			1	4	3.300	1.140		15.05	SQM
			1	2	1.500	1.140		3.42	SQM
			1	1	1.125	1.140		1.28	SQM
			1	1	1.425	1.140		1.62	SQM
							Total	109.57	Sqm
		Shuttering							
	6.30	Centering and shuttering including strutting, propping etc. and removal of form for							
9	6.30.1	Foundations, footings, bases of columns, etc. for sqm mass concrete							
		FOOTING PCC							
		F1	2	20	1.800		0.15	10.80	SQM
			2	20		1.800	0.15	10.80	SQM
		BRICK WORK							
			2	4	3.300		0.15	3.96	SQM
			2	2	1.500		0.15	0.90	SQM
			2	1	1.125		0.15	0.34	SQM
			2	1	1.425		0.15	0.43	SQM
		FOOTING RCC							

	Detail Measurement sheets								
S.No	HSR/NS	Description of item	No.		L	B	D/H	Qty.	
		F1	2	20	1.500		0.375	22.50	SQM
			2	20		1.500	0.375	22.50	SQM
							Total =	**72.23**	**SQM**
10	**6.30.5**	Lintels, beams, plinth beams, girders, bressumers and cantilevers							
		PLINTH BEAM							
		PB1(300X300)	2	1	19.80	0.30		11.88	Sqm
			2	2	19.80		0.3	23.76	Sqm
			2	1	16.35	0.30		9.81	Sqm
			2	2	16.35		0.3	19.62	Sqm
		PB2(300X450)	2	1	10.50	0.30		6.30	Sqm
			2	2	10.50		0.45	18.90	Sqm
			1	1	6.90	0.30		2.07	Sqm
			1	2	6.90		0.45	6.21	Sqm
		GUTTER BEAM							
			2	1	19.80	0.60		23.76	Sqm
			2	2	19.80		0.45	35.64	Sqm
			2	2	19.80		0.3	23.76	Sqm
			2	1	16.35	0.60		19.62	Sqm
			2	2	16.35		0.45	29.43	Sqm
			2	2	16.35		0.3	19.62	Sqm
		TIE BEAM							
		TB2(300X450)	2	1	10.50	0.30		6.30	Sqm
			2	2	10.50		0.45	18.90	Sqm
			1	1	6.90	0.30		2.07	Sqm
			1	2	6.90		0.45	6.21	Sqm
						Total	**=**	**283.86**	**Sqm**
11	**6.30.6**	Columns, Pillars, Piers, Abutments, Posts and Struts							
		upto plinthn							
		C1(300X300)	2	20	0.30		1.500	18.00	Sqm
			2	20		0.3	1.500	18.00	Sqm
		above plinth							
		C1(300X300)	2	20	0.30		4.200	50.40	Sqm
			2	20		0.3	4.200	50.40	Sqm
						Total	**=**	**136.80**	**Sqm**
12	6.1.1	**1 : 1 ½: 3 (1 Cement: 1 ½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)**							
		FLOOR AREA	1	1	19.500	10.50	0.15	30.71	**CUM**
		FLOOR AREA	1	1	16.350	6.90	0.15	16.92	**CUM**
		Trench Area	1	1	18.850	0.90	0.15	2.54	**CUM**
							Total	**50.2**	**Cum**
13	6.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work below plinth level and up to Floor IV level:							
	6.1.6	1 :4: 8 (1 Cement : 4 coarse sand (zone-III) : 8 graded cum stone aggregate 40 mm nominal size)							
		FOOTING PCC							
		F1	1	20	1.800	1.800	0.150	9.72	CUM
		BRICK WORK							
			2	4	3.300	1.140	0.15	4.51	CUM
			2	2	1.500	1.140	0.15	1.03	CUM

	Detail Measurement sheets								
S.No	HSR/NS	Description of item	No.		L	B	D/H	Qty.	
			2	1	1.125	1.140	0.15	0.38	CUM
			2	1	1.425	1.140	0.15	0.49	CUM
		FLOOR AREA	1	1	19.500	10.50	0.15	30.71	**CUM**
		FLOOR AREA	1	1	16.350	6.90	0.15	16.92	**CUM**
		Trench Area	1	1	18.850	0.90	0.15	2.54	**CUM**
							Total	**66.31**	**CUM**
14	6.25.1	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Note :- Cement content considered in this item is @ 330 kg/cum. Less cement used as per design mix is recoverable. However no extra payment shall be made if excess cement is used as per design mix). All works **up to plinth level**							
		Extra for providing richer mixes up to plinth and at all floor levels. (Note :- Less cement used as per design mix is recoverable. However no extra payment shall be made if excess cement is used as per design mix).							
		Foundation RCC							
		FOOTING							
		F1	1	20	1.500	1.500	0.375	16.88	CUM
		COLUMN UPTO PLINTH							
		C1(300X300)	1	20	0.3	0.3	1.50	2.70	CUM
		PLINTH BEAM							
		PB1(300X300)	2	1	19.80	0.30	0.3	3.56	CUM
			2	1	16.35	0.30	0.3	2.94	CUM
		PB2(300X450)	2	1	10.50	0.30	0.45	2.84	CUM
			1	1	6.90	0.30	0.45	0.93	CUM
						Total	**=**	**29.85**	**CUM**
15	6.25.2	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Note :- Cement content considered in this item is @ 330 kg/cum. Less cement used as per design mix is recoverable. However no extra payment shall be made if excess cement is used as per design mix). All works above plinth level up to floor IV level							
		Extra for providing richer mixes up to plinth and at all floor levels. (Note :- Less cement used as per design mix is recoverable. However no extra payment shall be made if excess cement is used as per design mix).							
		COLUMN ABOVE PLINTH							
		C1(300X300)	1	20	0.3	0.3	4.20	7.55	CUM
		GUTTER BEAM							

	Detail Measurement sheets								
S.No	HSR/NS	Description of item	No.		L	B	D/H	Qty.	
			2	1	19.80	0.450	0.3	5.35	CUM
			2	1	19.80	0.300	0.075	0.89	CUM
			2	1	19.80	0.075	0.315	0.94	CUM
			2	1	16.35	0.450	0.3	4.41	CUM
			2	1	16.35	0.300	0.075	0.74	CUM
			2	1	16.35	0.075	0.315	0.77	CUM
		LINTEL BEAM	2	1	10.50	0.30	0.45	2.84	CUM
			1	1	6.90	0.30	0.45	0.93	CUM
						Total	**=**	**24.41**	**CUM**
16	6.33	Steel reinforcement for R.C.C. work, where not included in the complete rate of RCC, including straightening, cutting, bending, placing in position, binding, wastage, overlaps, welded joints, spacer bars, chairs, stays, hangers and annealed steel wire etc. complete in all respect **below plinth level** Note:- Reinforcement shall be measured in length including hooks, if any, separately for different diameters as actually used in work , excluding overlaps. Wastage, overlaps, couplings, welded joints, spacer bars, chairs, stays, hangers and annealed steel wire or other methods of binding & placing shall not be measured and cost of these items shall be deemed to be included in the rates for reinforcement.								
	6.33.6	Thermo-Mechanically Treated bars of grade Fe-500D kg or more.							
		STEEL BELOW PLINTH	4242	kg					
			42.42	qtl					
17	6.34	Steel reinforcement for R.C.C. work, where not included in the complete rate of RCC, including straightening, cutting, bending, placing in position, binding, wastage, overlaps, welded joints, spacer bars, chairs, stays, hangers and annealed steel wire etc. complete in all respect **above plinth level.** Note:- Reinforcement shall be measured in length including hooks, if any, separately for different diameters as actually used in work , excluding overlaps. Wastage, overlaps, couplings, welded joints, spacer bars, chairs, stays, hangers and annealed steel wire or other methods of binding & placing shall not be measured and cost of these items shall be deemed to be included in the rates for reinforcement.								
	6.34.6	Thermo-Mechanically Treated bars of grade Fe-500D kg or more.							
		STEEL BELOW PLINTH	4022	kg					
			40.22	qtl					
18	13.29.2	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works							
	(i)	MACHINE FOUNDATION PLATE	20	1	0.300	0.300	0.016	**0.03**	cum
							Total	**0.03**	cum

	Detail Measurement sheets								
S.No	HSR/NS	Description of item	No.		L	B	D/H	Qty.	
						unit weight	7850.000	226.08	kg
							TOTAL	226.08	kg
19	13.30	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete							
					TOTAL	IN KG	230.00		
20	13.32	Providing and fixing bolts including nuts and washers complete							
						TOTAL		190.00	KG
		Brick Work							
21	7.21	Brick work with common burnt clay non-modular bricks of class designation 10.5 in foundation and plinth in:							
	7.21.1	Cement mortar 1:4 (1 cement: 4 coarse sand)							
		1ST COARSE	1	4	3.000	0.690	0.15	1.24	CUM
			1	6	4.000	0.690	0.15	2.48	CUM
			1	4	4.800	0.690	0.15	1.99	CUM
			1	4	2.625	0.690	0.15	1.09	CUM
			1	3	3.400	0.690	0.15	1.06	CUM
			1	1	6.300	0.690	0.15	0.65	CUM
		2ND COARSE	1	4	3.000	0.575	0.15	1.04	CUM
			1	6	4.000	0.575	0.15	2.07	CUM
			1	4	4.800	0.575	0.15	1.66	CUM
			1	4	2.625	0.575	0.15	0.91	CUM
			1	3	3.400	0.575	0.15	0.88	CUM
			1	1	6.300	0.575	0.15	0.54	CUM
		3RD COARSE	1	4	3.000	0.460	0.15	0.83	CUM
			1	6	4.000	0.460	0.15	1.66	CUM
			1	4	4.800	0.460	0.15	1.32	CUM
			1	4	2.625	0.460	0.15	0.72	CUM
			1	3	3.400	0.460	0.15	0.70	CUM
			1	1	6.300	0.460	0.15	0.43	CUM
		4TH COARSE	1	4	3.000	0.345	0.15	0.62	CUM
			1	6	4.000	0.345	0.15	1.24	CUM
			1	4	4.800	0.345	0.15	0.99	CUM
			1	4	2.625	0.345	0.15	0.54	CUM
			1	3	3.400	0.345	0.15	0.53	CUM
			1	1	6.300	0.345	0.15	0.33	CUM
		5TH COARSE	1	4	3.000	0.230	0.9	2.48	CUM
			1	6	4.000	0.230	0.9	4.97	CUM
			1	4	4.800	0.230	0.9	3.97	CUM
			1	4	2.625	0.230	0.9	2.17	CUM
			1	3	3.400	0.230	0.9	2.11	CUM
			1	1	6.300	0.230	0.9	1.30	CUM
		Brick Work for machine trench	1	2	18.280	0.345	1.500	18.92	CUM
			1	2	0.900	0.345	1.500	0.93	CUM
			2	2	3.300	0.345	1.500	6.83	CUM
			1	2	1.800	0.345	1.500	1.86	CUM
			2	2	0.600	0.345	1.500	1.24	CUM
							Total	72.30	CUM

	Detail Measurement sheets								
S.No	HSR/NS	Description of item	No.		L	B	D/H	Qty.	
22	7.22	Brick work with common burnt clay non-modular bricks of class designation10.5 in superstructure above plinth level up to floor IV level in all shapes and sizes in :							
	7.22.1	Cement mortar 1:4 (1 cement: 4 coarse sand)							
		For 230 thick							
		BRICK WORK	1	2	3.000	0.230	4.2	5.80	CUM
			1	3	4.000	0.230	4.2	11.59	CUM
			1	4	4.800	0.230	4.2	18.55	CUM
			1	1	2.625	0.230	4.2	2.54	CUM
			1	1	6.300	0.230	4.2	6.09	CUM
		above lintel beam	1	2	9.900	0.230	1.5	6.83	CUM
		DEDUCTION WINDOW	-1	9	1.500	0.230	1.5	-4.66	CUM
							Total	**46.74**	**cum**
23	**9.57**	Providing and fixing on wall face Unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.							
	9.57.2	110 mm diameter		1	35.00			35.00	Mtr
24	**9.58**	Providing and fixing on wall face Unplasticised - PVC moulded fittings/ accessories for Unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 1 O mm gap for thermal expansion.							
	9.58.1	**Coupler**							
	9.58.1.2	110 mm		8				8.00	Each
	9.58.5	**Bend 87.5°**							
	9.58.5.2	110mm		8				8.00	Each
25	9.59	Providing and fixing Unplasticised -PVC pipe clips of approved design to Unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1 :4 (1 cement : 4 coarse sand) and making good the wall etc. complete.							
	9.59.2	110 mm diameter		35				**35.00**	**Each**
26	11.5	**12 mm cement plaster of mix :**							
	11.5.3	1 :4 (1 cement: 4 fine sand)							
		For 230 thick							
		BRICK WORK	1	2	3.000		4.2	25.20	SQM
			1	3	4.000		4.2	50.40	SQM
			1	4	4.800		4.2	80.64	SQM
			1	1	2.625		4.2	11.03	SQM
			1	1	6.300		4.2	26.46	SQM
		above lintel beam	1	2	9.900		1.5	29.70	SQM
		above lintel beam	1	2	6.100		1.5	18.30	SQM
		DEDUCTION WINDOW	-1	9	1.500		1.5	-20.25	SQM
							Total	**221.48**	**SQM**

	Detail Measurement sheets								
S.No	HSR/NS	Description of item	No.		L	B	D/H	Qty.	
27	11.6	15 mm cement plaster on the rough side of single or half brick wall of mix :							
	11.6.1	1 :4 (1 cement: 4 fine sand)							
		For 230 thick							
		BRICK WORK	1	2	3.000		4.2	25.20	SQM
			1	3	4.000		4.2	50.40	SQM
			1	4	4.800		4.2	80.64	SQM
			1	1	2.625		4.2	11.03	SQM
			1	1	6.300		4.2	26.46	SQM
		above lintel beam	1	2	9.900		1.5	29.70	SQM
		above lintel beam	1	2	6.100		1.5	18.30	SQM
		DEDUCTION WINDOW	-1	9	1.500		1.5	-20.25	SQM
						Total		**221.48**	**Sqm**
						Total			
28	9.30	Supply, fabrication and installation of self-supported arch shaped galvalume/Zincalume steel sheet roofing 1.00 MM thick (BMT) (only ± 0.2mm tolerance allowed) and 1.075 MM thick (total thickness)(only ± 0.2mm tolerance allowed) tensile strength 350 MPa coating mass 150 gm per sqm etc. of approved make . The manufacturer shall follow the IS codes 15961, type III with Super Durable Polyester paint, IS code 513, IS code 16163 and all other relevant Indian codes as per approved specification, design & drawings.							
			1	1	11.500	20.400		234.60	SQM
			1	1	8.000	16.650		133.20	SQM
								367.80	**Sqm**
29	9.22	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.							
	9.22.1	1.00 mm thick with zinc coating not less than 275 gm/m2							
		SIDE COVER	1	1	6.100	2.100		12.81	SQM
						Total		**12.81**	**Sqm**
						wastage 10% EXTRA		**1.281**	**Sqm**
						Total		**14.09**	**Sqm**
30	11.58	Providing and applying two coats white cement based putty of approved brand and manufacturer, over plastered surface and grinding the surface smooth with sand paper to get en even and mooth finish including cost and carriage of all material , labour harges, scaffolding, sundries etc. complete							
		GROUND FLOOR							
		C1 - 400X750	2	20	0.3		4.200	50.40	SQM
			2	20		0.3	4.200	50.40	SQM
		item no.11.6.1(15mm plaster)+11.5.3 (12mmplaster) combine quantity						442.96	SQM
						Net total		**543.76**	SQM

	Detail Measurement sheets								
S.No	HSR/NS	Description of item	No.		L	B	D/H	Qty.	
31	**11.67**	**Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:**							
	11.67.1	Water thinnable cement primer							
		quantity of item no. 11.58						543.8	SQM
						Net total		**543.76**	**Sqm**
32	**11.64**	**Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade:**							
	11.64.1	New work (two or more coats) over and including water thinnable priming coat with cement primer							
		quantity of item no. 11.58						543.8	SQM
						Net total		**543.76**	**Sqm**
	13.21	Supply & fixing Windows frames (Chowkhats) including mullions consisting frame fabricated from sheet roll formed out of 1.2mm thick galvanized sheet as per IS:277 (Base steel as per IS 513) with zinc of 120 gm/sqm & Powder coated with pure Polyester powder up to 50 microns (as per approved colour), 3 Nos. 100mm butt - hinges 2mm thick, 6 Nos. 1.2mm thick CRCA electroplated stiffner, 6 Nos. M.S hold fast with split and tail welded to stiffner plate 200mm long, receiver for aldrop, weld less corner assembly with brackets & screws, M.S tie rod 50mm x 25mm to be fixed at bottom finished with powder coated total thickness of coating 0.6mm of approved shade, fixed in position including the cost of cement concrete for 1 :2:4 for fixing lugs complete in all respects as per drawing, design, specification & entire satisfaction of Engineer-in-charge.							
33	13.21.2	Door Frame of size 125mm x 60mm with 37mm wide double rebate for 35mm door shutter							
		W1	9	3		1.5		40.50	RMT
			9	3			1.50	40.50	RMT
							TOTAL	**81.00**	**RMT**
34	12.7	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISi marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid							
	12.7.1.2	Second class teak wood 30 mm thick shutters							
		W1	1	9		1.5	1.500	20.25	SQM
							TOTAL	**20.25**	SQM
35	12.19	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws:							
	12.19.2.11	30 mm thick shutter with ISi marked M.S. pressed butt hinges bright Second class teak wood							
		W1	1	9		1.5	1.500	20.25	SQM
							TOTAL	**20.25**	SQM
36	12.9.7.2	Float glass panes 5 mm thick glass pane (weight not less than 12.50 kg/sqm).							
		MUMMTY FLOOR							
		W1	1	9		1.500	1.500	20.25	SQM

	Detail Measurement sheets								
S.No	HSR/NS	Description of item	No.		L	B	D/H	Qty.	
							TOTAL	20.25	SQM
		STAINLESS STEEL FITTINGS							
37	12.73	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :							
	12.73.1	125x64x1. 90 mm	1	36				36.00	each
	12.73.2	100X58X1.90 mm	1	36				36.00	each
38	12.75	Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete.							
	12.75.1	125MM	1	36				36.00	each
		Aluminium fittings							
39	12.99	Providing and fixing aluminium tower bolts, ISi marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete							
	12.99.1	300x10 mm	1	18				18.00	each
	12.99.2	250x10 mm	1	18				18.00	each
40	B0246	Turbo ventilators 24 with accessories	1	15				15.00	each
							total	15.00	each

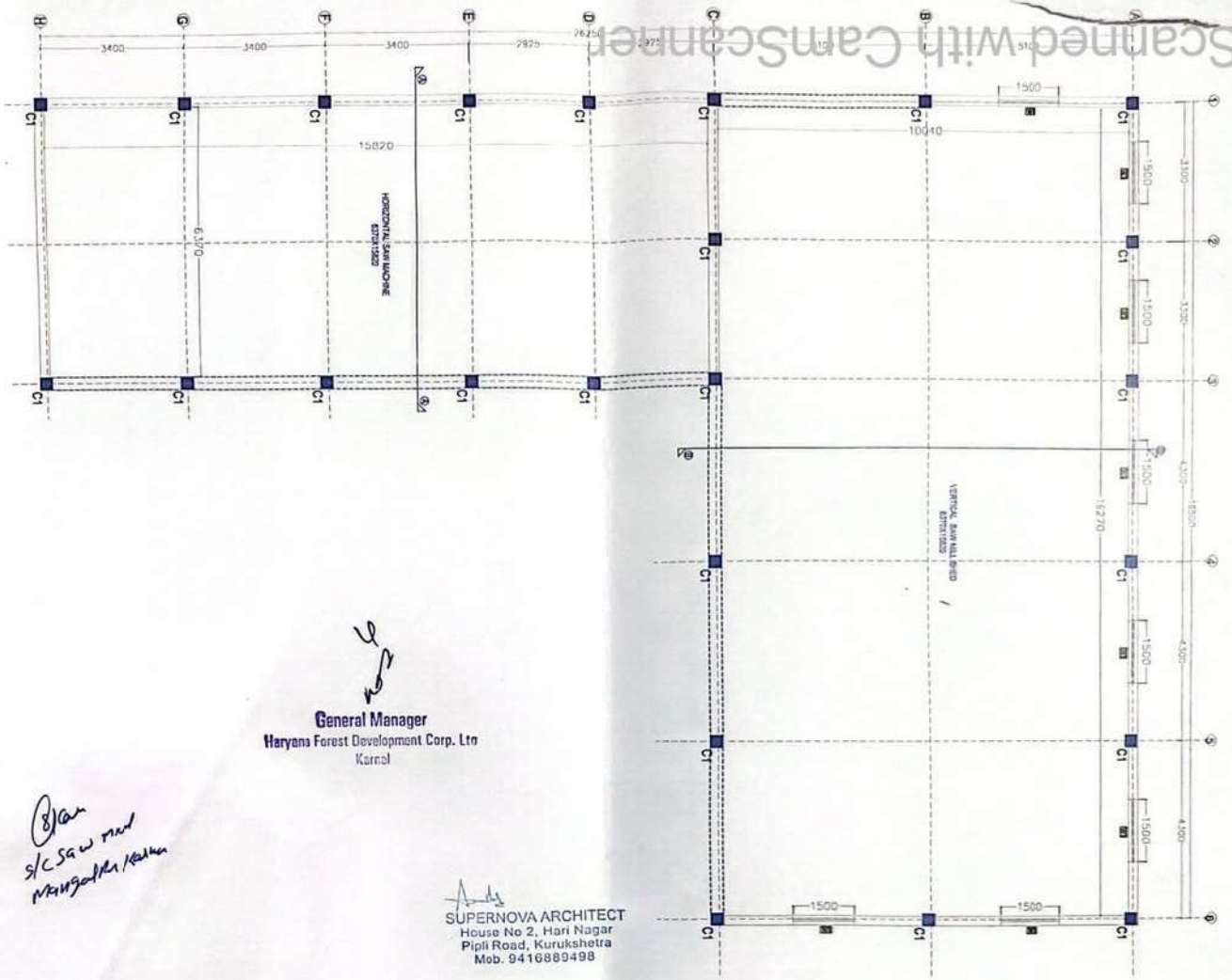
ABSTRACT OF COST OF ELECTRICAL WORK CONSTRUCTION OF SHED FOR HORIZONTAL & VERTICAL SAW MILL SHED IN MANGALPUR, KARNAL				
S.No	**HSR/NS**	**Descriptionofitem**	**Qty**	**Unit**
	23.4	COPPER WIRING WITH MODULAR SWITCHES IN PVC CONDUIT		
1	23.4.1	Wiring for Light/Fan/call bell point with modular type switch/socket and GI box, Modular type face plate etc in 1.5 sqmm FRLS PVC insulated copper conductor cable in 1.6 mm thick PVC conduit pipe.		
	23.4.1.2	Group B	25	Each
2	23.4.2	Wiring for Twin control light point with 2 nos, 2-ways, 5 amp. Modular switch GI box and modular face plate in 1.5 sqmm FRLS PVC insulated copper conductor cable in 1.6 mm thickPVCconduitpipe.		
	23.4.2.2	Group B	4	Each
3	23.4.4	Wiring in PVC conduit system for 3-pin 5 amp. Plug point by using 2 no 1.5 sqmm FRLS copper wire and 1 no 1.5 Sqmm FRLS copper wire,including providing 1 no 5/6 Amp 3/5 pin Modular type socket and 1 no 5/6 Amp Modular type switch required GI Box, modular face plate etc complete as required		
	23.4.4.2	Group B	10	Each
4	23.4.5	Wiring in PVC conduit system for 3-pin 15 amp. Plug point by using 2 no 4 sqmm FRLS copper wire and 1 no 4 Sqmm FRLS copper wire for earthling , including providing 1 no 15/16 Amp 3/6 pin Modular socket and 1 no 15/16 Amp Modular switch required GI Box, modular face plate etc complete as required		
	23.4.5.1	Group B	10	Each
5	23.3.6	Wiring main and sub mains in two single core for phase and neutral wire and one single core for earth wire PVC insulated Copper conductor cable 1100 Volts grade in PVC Conduit etc as required.		
	23.3.6.1	1 run of Size 1.50 Sqmm (1/1.40mm)	355	Metre
	23.3.6.2	1 run of Size 2.50Sqmm (1.1.80mm)	329	Metre
	23.3.6.3	1 run of Size 4Sqmm (1/2.24mm)	50	Metre
	23.3.6.4	1 run of Size 6Sqmm (1/2.80mm)	50	Metre
	23.3.6.5	1 run of Size 10Sqmm (1/3.50 mm)	160	Metre
6	23.7.6	Supply and erection of PVC CONDUIT ISi marked (Medium) recessed in walVceiling etc. including the cost of PVC bends, inspection boxes, iron Mhooks and cement concrete etc. complete in all respect up to the entire satisfaction of Engineer-in-Charge of work.		
	23.7.6.1	PVC Pipe of 20 mm dia.	50	Metre
	23.7.6.2	PVC Pipe of 25mm dia.	155	Metre
	23.7.6.3	PVC Pipe of 32mm dia.	20	Metre
	23.7.6.4	PVC Pipe of 40mm dia.	20	Metre

	23.22	MCCB, DISTRIBUTION BOARDS, MCB's, RCCB's, CHANGE OVER etc.		
7	23.22.1	Supply and erection of Modular case circuit breaker single pole/4 pole on existing wall/pedestal/Panel including bounding to earth and making necessary connections required to complete the job in all respect up to the entire satisfaction of the Engineer-in-charge of the work.		
	23.22.1.1	Double pole MCCB 16 to 63 Amp, 25 Ka	4	Each
	23.22.1.2	Double pole MCCB 100 to 125 Amp, 25 Ka	4	Each
	23.22.1.3	TRIPLE POLE MCCB 16 to 100 Amp, 25 KA	0	Each
	23.22.1.8	TRIPLE POLE MCCB 600 to 800 Amp, 50 KA	3	Each
8	23.22.2	MCCB Enclosure made of Sheet Steel suitable formounting MCCB of following ratings		
	23.22.2.1	MCCB up to 125 AFP	4	Each
	23.22.2.2	MCCB up to 250 AFP	3	Each
	23.22.2.3	MCCB above 250 A and up to 630 A FP	1	Each
9	23.22.3	Supply and erection of sheet steel enclosures 1 pole/2 pole/4 pole on walVon existing pedestal complete as required.		
	23.22.3.1	SP enclosure suitable for single pole MCB	6	Each
	23.22.3.2	S.P.N. or DP enclosure suitable for DP MCB	4	Each
	23.22.3.3	TPN enclosure suitable for TP, TPN or FPMC	2	Each
	23.22.4.12	Vertical TPN DB Double Door 12 way (8 incoming 3 phase * 12 outgoing)	1	Each
10	23.22.5	Supply and erection of miniature circuit Breaker 240/415 V in the existing distribution board including making necessary connections:-		
	23.22.5.1	6 amp. to 32 amp Single Pole	10	Each
	23.22.5.2	40 amp to 63 amp. Single Pole	4	Each
	23.22.5.3	6 amp. to 32 amp Double POLE	4	Each
	23.22.5.4	40 amp to 63 amp. Double pole	4	Each
	23.22.5.5	6 amp. to 32 amp MCB's TRIPLE POLE	3	Each
	23.22.5.6	40 amp to 63 amp. MCB's TRIPLE POLE	3	Each
11	23.22.7	Supply and erection of blanking sheet in existing distribution board.	10	Each
12	23.22.8	SITC Four pole ONLOAD Manual change over switch in SS enclosure of following Ratings		
	23.22.8.5	400 amp 415 volts	1	Each
	23.23	MISCELLANEOUS		
13	23.23.5	Supply and erection of U- PVC Trunking/Channel of following size including cost of fixing on wall,floor and ceiling etc. with required material complete the job in all respect up to entire satisfaction of the Engineer-in-charge of work.		
	23.23.5.1	25 x 12 mm	50	metre
	23.23.5.2	38 x 12 mm	50	metre
	23.23.5.3	38 x 25 mm	120	metre
	23.23.5.4	50 x 50 mm	50	metre
	24.1	**EARTHING AND LIGHTENING ARRESTOR**		
25	24.1.1	Earthing with GL earth pipe 4.5 m long and 40 mm dia with masonry enclosures on the top etc. (but without charcoal or coke and salt) as required.	2	Each

26	24.1.2	Extra for using salt and charcoal/coke for pipe earth electrode as required.	2	Each			
27	24.1.3	Earthing with G.I. earth plate 600 mmx 600 mm x 6 mm thick includingaccessories and providing masonry enclosure swith cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required.	2	Each			
30	24.1.6	Supplying and laying 25mmx3mmG.I.stripat 0.5 metre below ground as strip earth electrode including soldering etc. as required.	16	Metre			
31	24.1.7	Supplying and laying 25mmx3mmG.I.stripin 40 mm dia,GI pipe as/from earth electrode including soldering etc. as required.	16	Metre			
32	24.1.8	Providing and fixing25mmx3mm G.I.stripon surface or in recess for connections etc. as required with all labour and material.	16	Metre			
38	24.1.16	Supply and erection of 25mm dia 1.5 metre long lightning GI.tube rod tapered into a point atthe topwith16cm x 16cm x 3mm thick G.I. base plate and necessarynuts and bolts with washers.	2	Each			
39	24.1.17	Providing and fixing testing joints made of 20mm x3mm thick G.I.strips 125 mm long with 4 nos.G.I. bolts and nuts with washers complete.	4	Each			
40	**24.14.24**	PROVIDING & ERECTION/LAYINGOFPVC/XLPE INSULATED UNDERGROUND ALUMINIUM CONDUCTOR UNDERGROUND CABLE ONSURFACE/ EXISTING CABLE TRAY COMPLETEINALLRESPECTWITHNECESSARY CONNECTION UPTO THE ENTIRE SATISFACTION OF ENGINEER IN CHARGE OF THE WORK 16 Sq mm 4 core(Arm.)	50	METER			
41	23.28.14	Supplying, installation, Testing & Commissioning of Street light LED fixture, powder coated pressure die cast aluminum body with built in or separate driver as per the requirement with Driver efficiency >85%, Input voltage: 140-270 Volt AC, freq 50/60 hz, Operating temp range -15 deg to 50 deg centigrade, internal surge protection of 5 KV L,N,Eas per IEC61000-4- 5,Driverefficiency>85%,THD <10%as per IEC 61000-3-2,P. F.≥0.95,IP- 66,IK-10, CRI >80 , under voltage and over voltage protection,EMI- EMC as per CISPR-15, lenses for beam angle as per IESNAtypeI/II/IIIasperthewidthoftheroadandtheprojectrequirement.,suitabletofitinupto65mmdiapipe, life time (LED,Driver & electrical circuitry) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report , CCT 3000°K / 4000°K / 5700°K /6000°K/6500°K (As per ANSI Bin) , SDCM(Standard Deviation Color Matching) <5, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard complete in all respect i/c connections with 1.5 sq mm FRLS, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy >135 lm/Watt output . LM79 & LM80 Test report from NABL lab for all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminum housing such that LED junction temperature shall not rise above 90°C).					
	23.28.14.15	100watt	6	Each			

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GROUND FLOOR PLAN



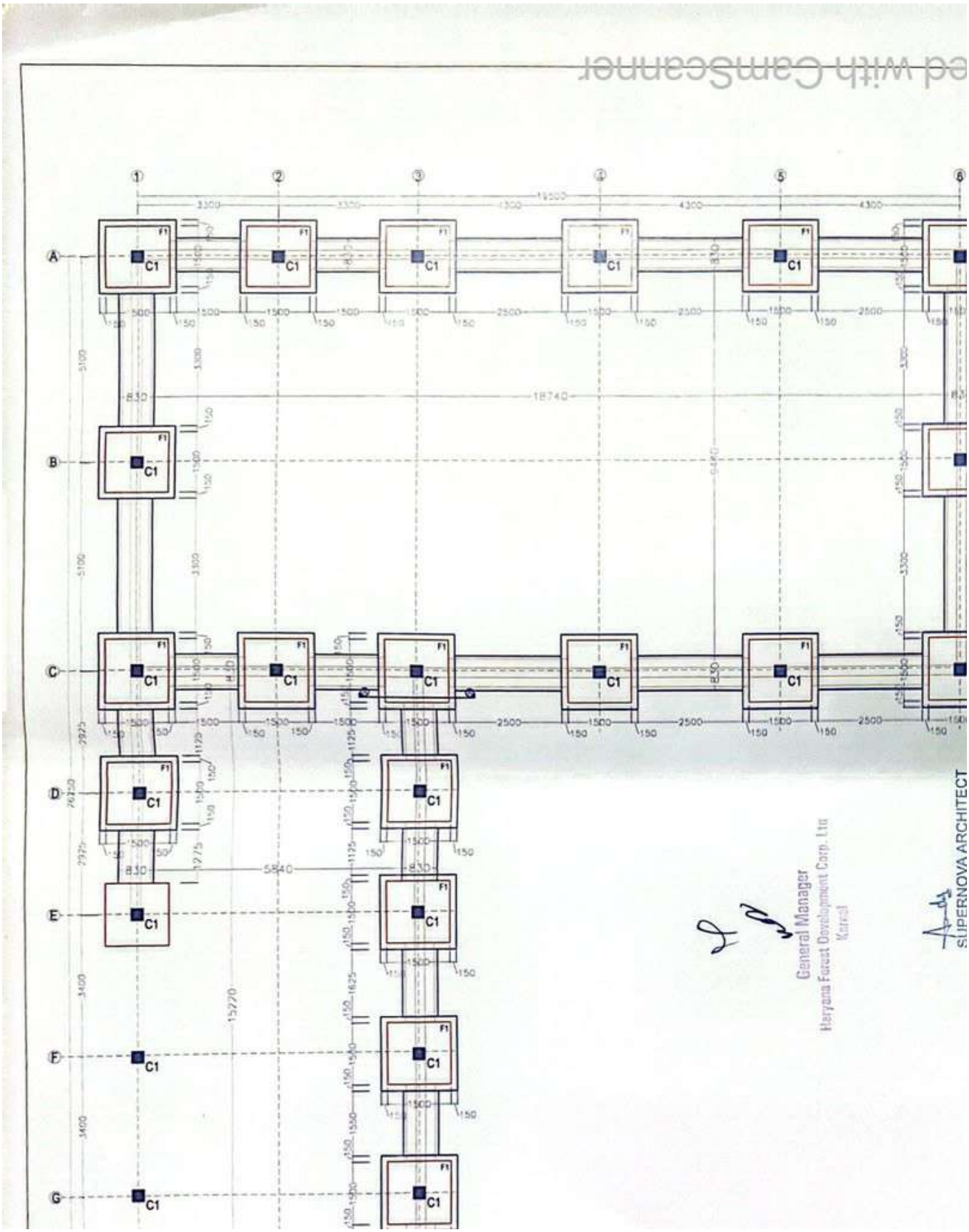
General Manager
Haryana Forest Development Corp. Ltd
Karnal

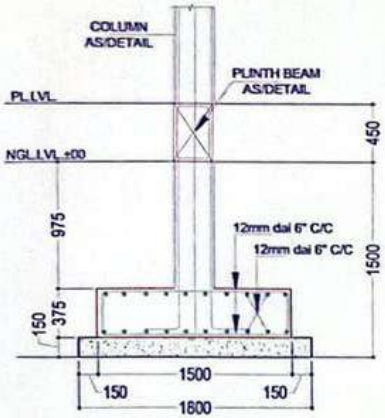
S/C Saw mill
Mangalpur/Karnal

SUPERNOVA ARCHITECT
House No 2, Hari Nagar
Pipli Road, Kurukshetra
Mob. 9416889498

		CLIENT:-	PROOF CONSULTANT:	DESIGN CONSULTANT: SUPERNOVA ARCHITECT, ARCHITECT . INTERIOR DESIGNER . PLANING, Ar. RAVINDER 9416889498, House No-2, Hari Nagar,Pipli Road, Kurukshetra.	APPROVED BY: KAVITA; CHECKED BY: RAVINDER; DESIGNED BY: ; DRAWN BY: DEVENDER; SCALE: NTS; DATE: 21-04-2025
	FOR APPROVAL	HARYANA FOREST DEVELOPMENT CORPORATION, KARNAL	NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA	THIS DRAWING HAS NOT BEEN PUBLISHED AND IS THE SOLE PROPERTY OF SUPERNOVA ARCHITECT KURUKSHETRA AND ISSUED TO THE PARTY FOR THE SPECIFIC PURPOSE AS STATED IN WORK ORDER AND IT SHALL NOT BE REPRODUCED, COPY, LENT OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY OTHER PURPOSE OTHER THAN FOR WHICH IT IS FURNISHED	PROJECT: CONSTRUCTION OF SHED FOR HORIZONTAL & VERTICAL SAW MILL SHED IN MANGALPUR, KARNAL; TITLE: HORIZONTAL SAW MACHINE & VERTICAL SAW MACHINE GROUND FLOOR PLAN; DRG NO.: ST-021; REV. R0
SL	REV	DESCRIPTION OF REVISIONS	BY		

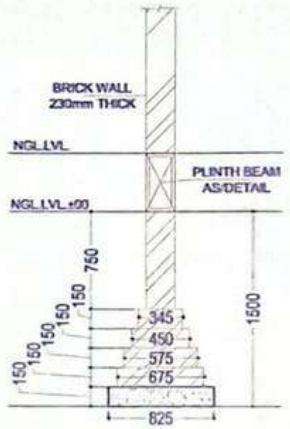
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General Manager
Haryana Forest Development Corp. Ltd
Karnal
SUPERNOVA ARCHITECT

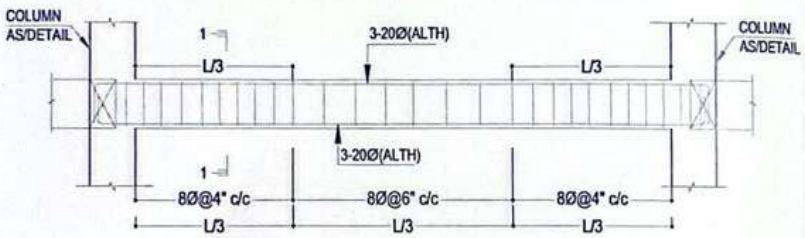


F1 - (5'-0"X5'-0")
FOOTING SECTION A-A

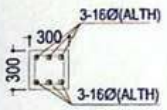
FLOOR LEVEL	COLUMN C-1		
	SIZE & SHAPE 300X300	REINFORCMENT	RINGS
GROUND TO TOP FLOOR	300 / 300	VERT ST:- 20mm dai 08 Nos 1 to 8 TIES:- 8mm @4"/ 6" C/C	2 SETS



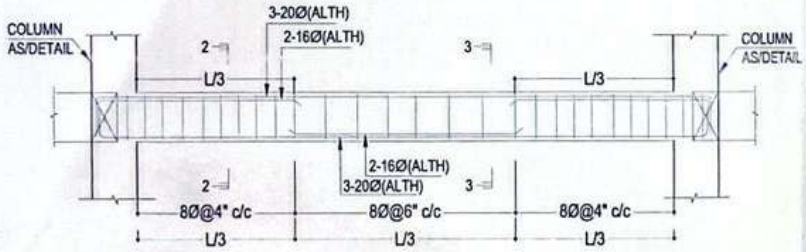
230mm TH. BRICK WALL DETAIL
WALL SECTION B-B



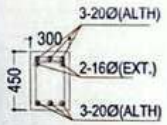
TYPICAL LONGITUDINAL SECTION
PB-1 (300X300)



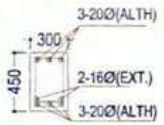
TYPICAL CROSS SECTION-1-1
PB-1 (300X300)



TYPICAL LONGITUDINAL SECTION
PB-2 (300X450)



TYPICAL CROSS SECTION-2-2
PB-2 (300X450)



TYPICAL CROSS SECTION-3-3
PB-2 (300X450)

SUPERNOVA ARCHITECT
House No 2, Hari Nagar
Pipli Road, Kurukshetra
Mob. 9416689498

DATE	REV	DESCRIPTION OF REVISIONS	BY
		FOR APPROVAL	

CLIENT:-
NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

PROOF CONSULTANT:

DESIGN CONSULTANT:
SUPERNOVA ARCHITECT
ARCHITECT . INTERIOR DESIGNER . PLANING
Ar. RAVINDER 9416689498
House No-2, Hari Nagar Pipli Road, Kurukshetra.

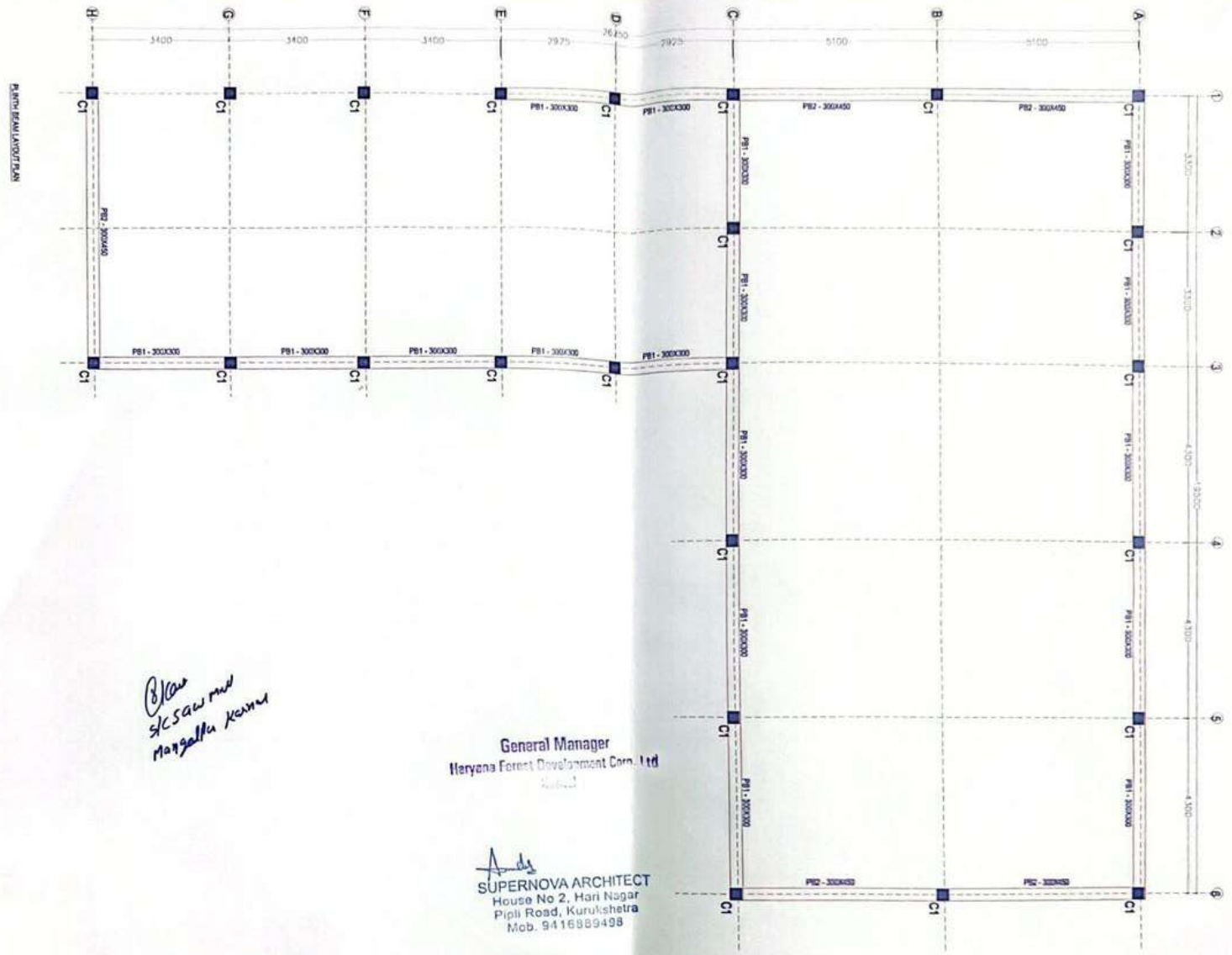
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APPROVED BY:	KAVITA
CHECKED BY:	RAVINDER
DESIGNED BY:	
DRAWN BY:	DEVENDER
SCALE:	NTS
DATE:	21-04-2026

PROJECT
CONSTRUCTION OF SHED FOR HORIZONTAL & VERTICAL SAW MILL SHED IN MANGALPUR, KARNAL

TITLE: FOOTING & BEAM DETAIL SHEET

DRG NO.: ST-002 REV. R0



S/C saw mill
Mangalpur Karnal

General Manager
Haryana Forest Development Corp. Ltd

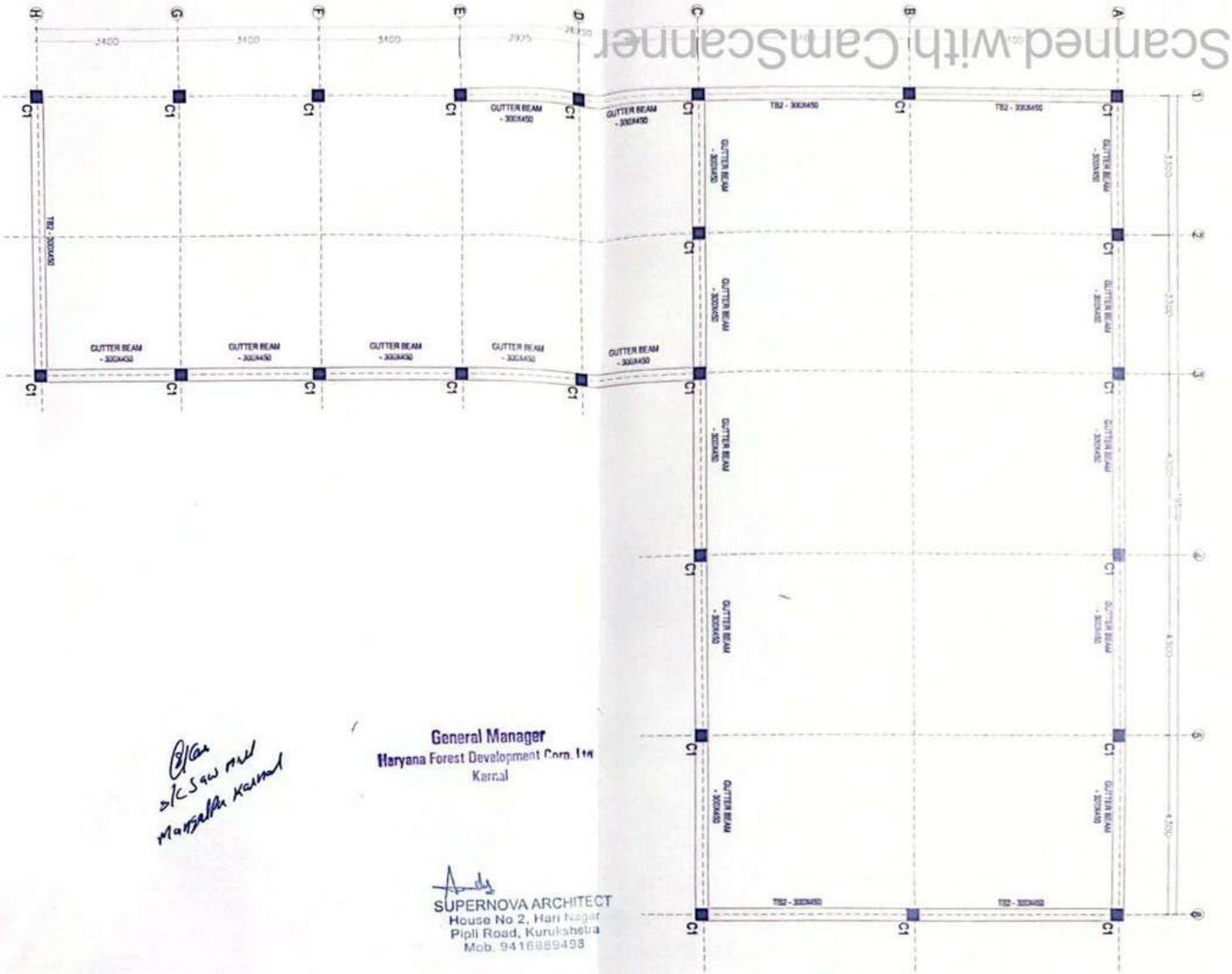
SUPERNOVA ARCHITECT
House No 2, Hari Nagar
Pipli Road, Kurukshetra
Mob. 9416989498

		CLIENT:-	PROOF CONSULTANT:	DESIGN CONSULTANT: SUPERNOVA ARCHITECT ARCHITECT . INTERIOR DESIGNER . PLANING Ar. RAVINDER 9416989498 House No-2, Hari Nagar,Pipli Road, Kurukshetra.	APPROVED BY: KAVITA	PROJECT: CONSTRUCTION OF SHED FOR HORIZONTAL & VERTICAL SAW MILL SHED IN MANGALPUR, KARNAL	
					CHECKED BY: RAVINDER		
					DESIGNED BY:		
		HARYANA FOREST DEVELOPMENT CORPORATION, KARNAL	NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA	THIS DRAWING HAS NOT BEEN PUBLISHED AND IS THE SOLE PROPERTY OF SUPERNOVA ARCHITECT KURUKSHETRA AND ISSUED TO THE PARTY FOR THE SPECIFIC PURPOSE AS STATED IN WORK ORDER AND IT SHALL NOT BE REPRODUCED, COPY, LENT OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY OTHER PURPOSE OTHER THAN FOR WHICH IT IS FURNISHED	DRAWN BY: DEVENDER	TITLE: PLINTH BEAM PLAN	
	FOR APPROVAL				SCALE: NTS		
V	DESCRIPTION OF REVISIONS	BY			DATE: 21-04-2025	DRG NO.: ST-001	REV. R0

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PLINTH BEAM LAYOUT PLAN

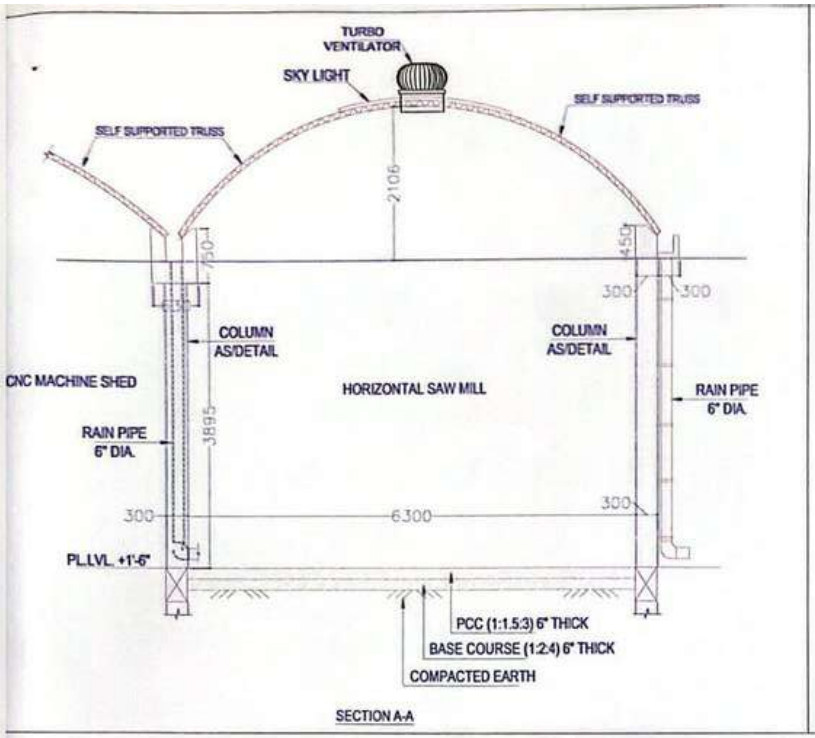


General Manager
Haryana Forest Development Corp. Ltd
Karnal

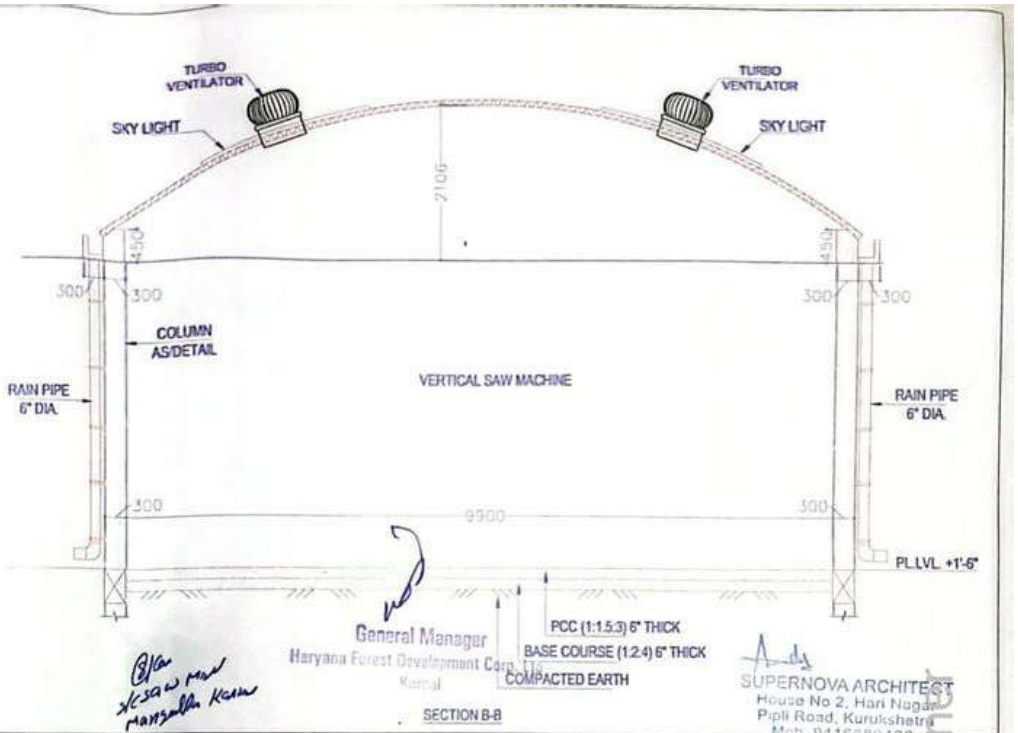
S/C Saw Mill
Mangalpur Karnal

SUPERNOVA ARCHITECT
House No 2, Hari Nagar
Pipli Road, Kurukshetra
Mob. 9416889498

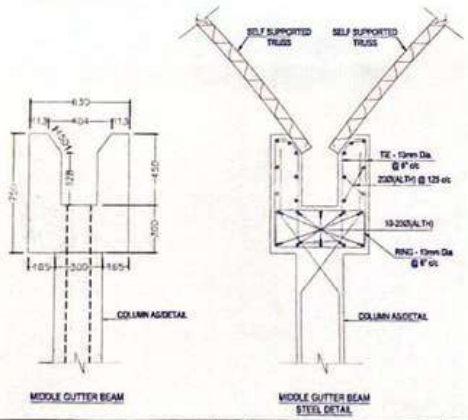
		CLIENT:-	PROOF CONSULTANT:	DESIGN CONSULTANT: SUPERNOVA ARCHITECT ARCHITECT . INTERIOR DESIGNER . PLANING Ar. RAVINDER 9416889498 House No-2, Hari Nagar,Pipli Road, Kurukshetra	APPROVED BY: KAVITA	PROJECT: CONSTRUCTION OF SHED FOR HORIZONTAL & VERTICAL SAW MILL SHED IN MANGALPUR, KARNAL	
					CHECKED BY: RAVINDER		
					DESIGNED BY:		
					DRAWN BY: DEVENDER		
FOR APPROVAL		HARYANA FOREST DEVELOPMENT CORPORATION, KARNAL	NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA	THIS DRAWING HAS NOT BEEN PUBLISHED AND IS THE SOLE PROPERTY OF SUPERNOVA ARCHITECT KURUKSHETRA AND ISSUED TO THE PARTY FOR THE SPECIFIC PURPOSE AS STATED IN WORK ORDER AND IT SHALL NOT BE REPRODUCED, COPY, LENT OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY OTHER PURPOSE OTHER THAN FOR WHICH IT IS FURNISHED	SCALE: NTS	TITLE: TIE BEAM PLAN	
DESCRIPTION OF REVISIONS	BY				DATE: 21-04-2026	DRG NO.: ST-001	REV. R0

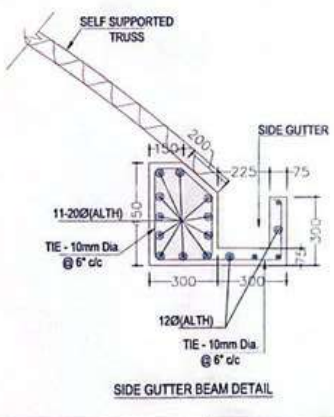


SECTION A-A

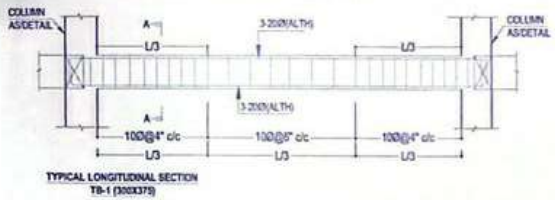


SECTION B-B

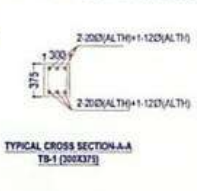




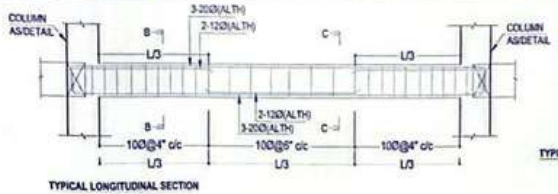
SIDE GUTTER BEAM DETAIL



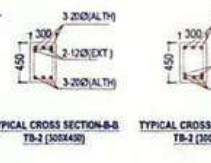
TYPICAL LONGITUDINAL SECTION TB-1 (300X375)



TYPICAL CROSS SECTION-A-A TB-1 (300X375)



TYPICAL LONGITUDINAL SECTION TB-2 (300X450)



TYPICAL CROSS SECTION-B-B TB-2 (300X450)

TYPICAL CROSS SECTION-C-C TB-2 (300X450)

REV	DESCRIPTION OF REVISIONS	BY
	FOR APPROVAL	

CLIENT:-
HARYANA FOREST DEVELOPMENT CORPORATION, KARNAL

PROOF CONSULTANT:
NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

DESIGN CONSULTANT:
SUPERNOVA ARCHITECT
ARCHITECT . INTERIOR DESIGNER . PLANNING
Ar. RAVINDER 9416889498
House No-2, Hari Nagar,Pipli Road, Kurukshetra

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APPROVED BY:	KAVITA
CHECKED BY:	RAVINDER
DESIGNED BY:	
DRAWN BY:	DEVENDER
SCALE:	NTS
DATE:	21-04-2026

PROJECT:
CONSTRUCTION OF SHED FOR HORIZONTAL & VERTICAL SAW MILL SHED IN MANGALPUR, KARNAL

TITLE: HORIZONTAL SAW MACHINE & VERTICAL SAW MACHINE SECTION & DETAIL

DRG NO.: ST-003

REV. R0

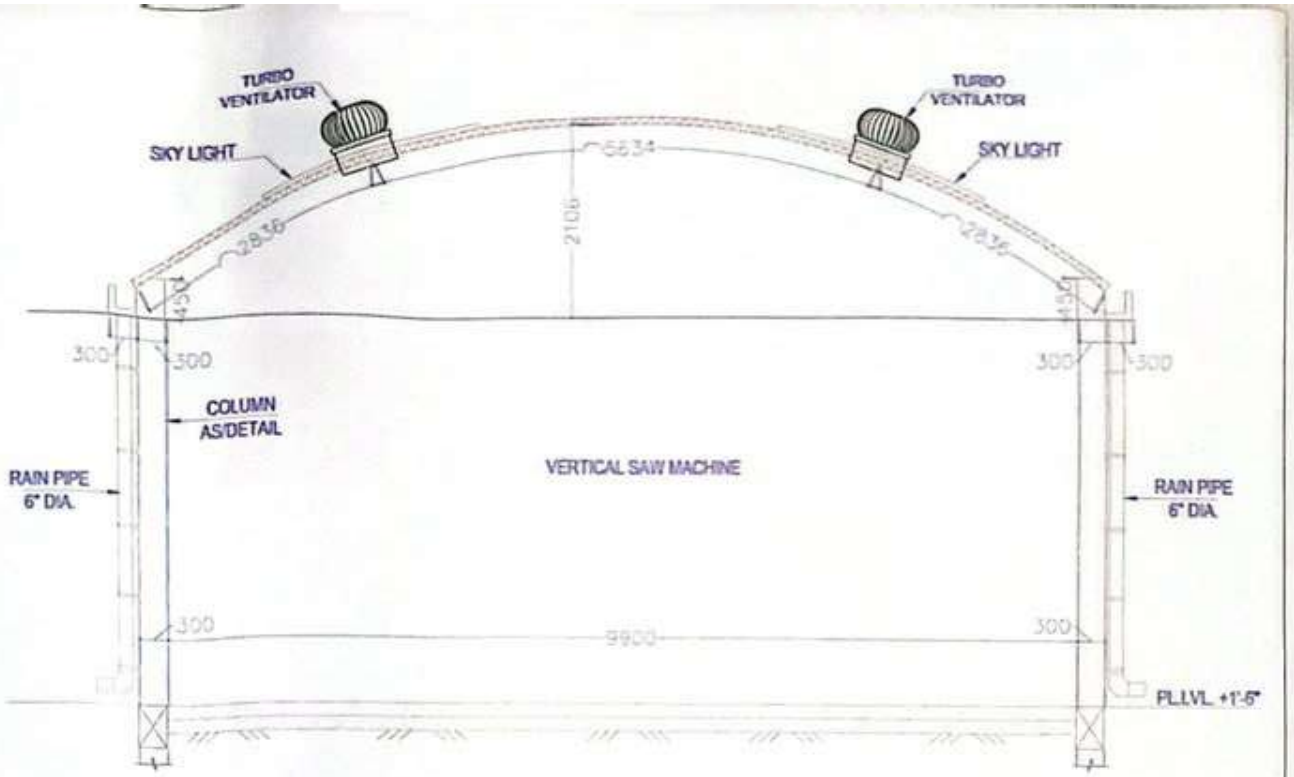
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Scanned with CamScanner
RCC GUTTER BEAM
VERTICAL SAW MACHINE
HORIZONTAL SAW MILL
SLOPE
C1
TOP SHED PLAN
SUPERNOVA ARCHITECT
House No 2, Hari Nagar
Pipli Road, Kurukshetra
Mob 9416869498
CONSTRUCTION OF SHED FOR HORIZONTAL & VERTICAL SAW MILL SHED IN MANGALPUR, KARNAL
HORIZONTAL SAW MACHINE & VERTICAL SAW MACHINE TURBO VENTILATOR,TRUSS TOP LAYOUT PLAN
SUPERNOVA ARCHITECT
ARCHITECT . INTERIOR DESIGNER . PLANNING
DESIGN CONSULTANT:
PROOF CONSULTANT:
CLIENT:-
HARYANA FOREST DEVELOPMENT CORPORATION, KARNAL
NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
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APPROVED BY:
CHECKED BY:
DESIGNED BY:
DRAWN BY:
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DATE:
DRG NO:
REV:
TITLE:
PROJECT:
DATE REV DESCRIPTION OF REVISIONS BY
FOR APPROVAL

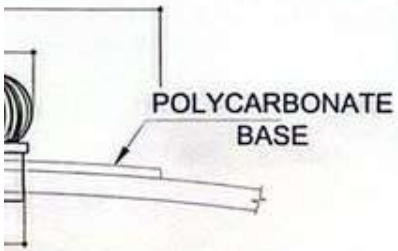


ZONTAL SAW MILL

ON A-A



SECTION B-B



ILATOR

TURBO VENTILATOR SIZE DETAIL		
SR No.	SYMBOLE	SIZE
1.	A	2000mm (L) X 1220 mm (W)
2.	B	700 mm DIA.
3.	C	600 mm DIA.
4.	D	670 mm Ht.

S/C SAW MILL

General Manager
Haryana Forest Development Corp. Ltd.
Karnal

SUPERNOVA ARCHITECT
House No 2, Hari Nagar

ed with CamScanner

HARYANA FOREST DEVELOPMENT CORPORATION

GENERAL MANAGER, HFDC, Karnal

TENDER APPLICATION FORM (FINANICAL BID DOCUMENT)

TENDER APPLICATION FORM- PART-II

Tender No. Dated:

Tender for (Name of Work) _____

From:

(Name in block letters)_____
(Address in full)_____

To

The General Manager
H.F.D.C., Karnal

Sir

In reference to your Tender No _____ Dated _____, I submit my financial bid as under.

Name of Forest/ Site	Amount payable by the Forest Department towards SOR (in %)	The Percentage of SOR at which I am/ we are willing to work	
		In Figures	In Words
	100		

Note:

1. The rates to be quoted by the Contractor shall be with tax i.e. GST.
2. All statutory obligations under Minimum Wages Act, Contract Labour (R&A) Act 1970, Service Tax, Service Charges, etc. as applicable shall be followed by the Contractor. Any report of deviation from the technical instructions or conditions of work order may lead to termination of contract.
3. Whenever the minimum wage rate increases, the HFDC will pay the corresponding premium on the Cost Norms.
4. In addition, the reimbursement of ESI and EPF actually paid by the Contractor shall be made by the HFDC for which claim has to be made by the Contractor.
5. The firm/agency/contractor should be registered for payment of GST.

Signature of Bidder or Authorized Representative

Date _____
Place _____

Undertaking

Having read the Standing Order of HFDC regarding tender guidelines for execution of works in HFDC through item rate contract system, all stipulationscontained in the DNIT, all statutory obligations under Minimum Wages Act, Contract Labour (R&A) Act 1970, applicable Statutory Taxes & Charges, etc. and the terms and conditions including the Schedule of Rates of Works prevalent in HFDC carefully, and having agreed to them fully and unconditionally, my financial bid is submitted as above.

Signature of the Bidder

Name_____

Dated.

Place:-

TERMS AND CONDITION OF TENDER

1. For participation in e-tender the bidders shall have a digital signature and they need to register as a tenderer with Haryana Government e-procurement site i.e. **http://etenders.hry.nic.in.**
2. Participation in the online bid shall amount to bidder's acceptance of the terms and conditions of the tender. The right to participate in the tender is restricted to registered Contractors of HFDC Karnal. Tenders submitted by ineligible tenderers will not be considered and the same will be summarily rejected.
3. The tenderer/ bidders are expected to examine all instructions, forms, departmental technical notes, terms & conditions and general guidelines in the tender document before participation in the tender.
4. In case the tenderer/bidder has any doubt about the meaning of anything contained in the tender document, he may seek clarification on any working day during office hours from the office of the concerned General Manager/ Manager, HFDC.
5. The tenderer shall arrange the material, tool, implements, machinery, equipment, stores etc. required for successful completion of works at his own cost as this cost is inbuilt in the SOR. The use and payment of/for the material arranged by the Contractor shall be made only after quality and quantity certification of the material by the Manager. In case of any specific requirement which does not figure in the SOR, its rate shall be decided by the tender evaluation committee on basis of discreet market survey.
6. Information regarding the sites, nature of work, technical specifications, terrain, locality, approximate quantity, amount etc. can be collected from the office of the General Manager during office hours on all working days. The concerned Manager may be contacted for any assistance for site inspection/ field visits. Any plea of ignorance regarding existence of any condition of agreement or any complaint regarding the conditions in the tender will not be entertained. At all times during the contract period, the Manager and the work inchargeAsstt / Deputy Manager will be the immediate technical and administrative supervisors of the work. The bill raised by the Contractor on completion of the work order has to be certified and verified by the above said officials of HFDC as per the provisions contained in procedures of HFDC and as per the prescribed proforma [Form-XI]. The details of statutory payments are to be submitted by the contractor with the bill.
7. Before submitting the tender, the tenderer is advised to visit the area of work to study all the field conditions and nature of work and quote his rate with full knowledge of working conditions. No enhancement in rate due to any reason will be entertained on any ground at the time of execution of work.

8. The tenders shall be submitted only on the online web portal and all corrections/ over writings therein shall be signed by the tenderer himself. The tender form shall be filled up completely and all pages of it shall bear signature of the bidder.
9. The tenders shall be submitted in two parts, i.e., Part-I (Technical Bid) and Part-II (Financial Bid) on the concerned online web portal.
10. The Tender Opening & Evaluation Committee will open the bids in the presence of the Tenderers / Bidders or their representatives who wish to attend at the determined place and time. The qualification for the technical bid shall be based on the online receipt of all the documents required on or before the closing date and time of the bidding. Financial Bids/Price Bids of only the technically qualified bidders will be opened for evaluation.
11. Canvassing or negotiation, direct or indirect, would render the tender liable for exclusion from consideration.
12. The Tender issuing authority is not bound to accept the lowest rate/cost or any bid and may at any time by notice in writing to the bidder(s), terminate the tendering process.The lowest tender will ordinarily be accepted, but the authority competent to accept the tender reserves to himself the power of accepting or rejecting any tender by passing a speaking order.
13. In case the Contractor defaults or withdraws from discharge of the work order before its completion, no payment even for the partly executed work shall be made. Further his Security Deposit and Earnest Money Deposit shall also be forfeited.
14. The tenders submitted by tenderers shall remain valid for acceptance up-to three months, from the date of opening of the tender. However, this period can be extended with the consent of both parties. During the said period or the extended date as the case may be, the tenderer shall not be entitled to revoke or cancel his tender.
15. **Security Deposit and Earnest Money Deposit**

(i) Security amount of Rs. 20,000 shall be payable at the time of making application for tender/filling of tender.

(ii) An Earnest Money Deposit to the extent of 5% of the value of the work assessed for the Work Order shall be payable within 3 days of issuance of the work order and before commencing of the work.

16. The initial amount of Rs. 20,000 received as Earnest Money Deposit from unsuccessful bidders will be refunded without any interest within one month after decision of the tender. the subsequent amount of EMD received as 5% of value of work order shall be retained as Security Deposit of the successful bidder. the value of the work orderwill be refunded on completion of the work orderon producing the Non-Liability Certificate from the concerned Manager, HFDC.

17. The tenderer whose tender is accepted will be informed regarding acceptance of his tender by registered post on his address mentioned in the tender. The successful tenderer shall execute an agreement in the prescribed form on a proper non-judicial stamp paper (worthRs.100.00) within seven days of the receipt of the confirmation of his tender failing which, the acceptance of his tender shall be considered as withdrawn and his Security Deposit shall stand forfeited. A further period of upto 7 days for agreement shall be permitted by the General Manager for signing the agreement if there is sufficient justification leading to the delay.
18. No advances shall be given to the contractor under any circumstances.
19. The tender issuing authority may terminate the work order if it is found that the Contractor has been blacklisted by any of the Government Departments/Institutions/Local Bodies/ Municipalities/ Public Sector Undertakings etc.
20. All statutory obligations under Minimum Wages Act, Contract Labour (Regulation and Abolition) Act, 1970, Service Tax/GST, Service Charges etc. shall be compiled with by the Contractor. The Contractor shall be fully responsible for making all statutory payments including service tax, ESI, EPF, labourer cess etc. Any report of violation of any stipulated condition may lead to termination of contract.
21. The HFDC shall not be liable for payment of any compensation to any workman of the contractor or any other person on account of any loss of life or property in the process of execution of the work order given to the contractor for any reason. The responsibility in this regard will be entirely of the contractor.
22. The General Manager shall issue a serially numbered Measurement Book to the Manager in Form- X. The Manager/ Dy. Manager shall prepare the MB and the Dy. Manager, Manager and the General Manager shall put their signatures and certify that they have checked the work to extent of 100%, 25% and 5% respectively.Measurement Book will be presented before the General Manager at the time of sanction of the bills.
23. The Contractor shall submit the bills in Form – XI against the completed work to concerned Manager, HFDC within the first week of every month. The concerned Manager and the work incharge Asstt / Deputy Manager will verify the work within next 5 days and submit the bill to General Manager. The General Manager will make the payment to Contractor normally within 7 days of sanction of the bill. In case, any liability arises due to late submission of bills of completed works by the Contractor, the concerned Contractor will be responsible for the same. In case the Contractor is habitual of submission of late bills, then it may be considered as a ground for blacklisting him.
24. Payment as per the prevailing wage rate will be done by the Contractor in accordance with government rules and statutory laws. As the departmental SOR are based on minimum wages,

whenever the minimum wage rate increases, the HFDC will pay the corresponding premium on the SOR.

25. The successful bidder shall not construct any permanent structure at the site of work and shall have no right on the land or asset of the Government. Any complaint of less wage payment/delay in payment of wages may also lead to imposition of penalty including forfeiture of security amount and EMD. Any default in this regard will make the contractor liable to be blacklisted.
26. In case of disputes the matter shall be referred for sole arbitration to the Chief General Manager (having jurisdiction of the area of work) who shall be the arbitrator to the dispute. In process of arbitration the concerned General Manager, HFDC will be one of the parties to the dispute referred for arbitration and the contractor or his authorized representative will be the other party. The process of arbitration will be decided by arbitrator and will not be questioned by either party.The decision of arbitration shall be final and binding on both parties.
27. All disputes arising out of the execution of the agreement shall be subject to the jurisdiction of the Court at Karnal.

Signature of Contractor or Authorized representative of Agency

Date:

Place:

Mobile _____

Address _____

SPECIAL TERMS AND CONDITIONS OF TENDER

1. The online bids i.e. Technical Bid as well as Financial Bid is to be submitted on Haryana Government e-procurement site i.e. **http://etenders.hry.nic.in**.
2. Minimum Three years Experience is must for contractor to participate in tender (Experience certificate has to be attached/submitted along with tender documents).
3. The details of item of works/plan, sanction, drawing, specification can seen in the office of General Manager, HFDC, Karnal at any working day.
4. Document of the agency showing average turn of Rs. 1 Crore during the past three years.
5. The works shall be inclusive of all civil, electrical, finishing and other works.
6. Undertaking regarding unconditional acceptance of terms & conditions and stating that the agency has notbeen debarred/blacklisted by Government Organization.
7. The successful tenderer/bidder shall execute an agreement with General Manager, HFDC, Karnal soon after deposit 5% of the ordered value as performance guarantee within 3 days w.e.f. the date of acceptance of the offer in the form of Demand Draft/Fixed Deposit Receipt/Bank Guarantee having a validity of 30 month w.e.f. the date of acceptance of the offer, drawn on any of the commercial banks payable at Karnal in favor of General Manager, HFDC, Karnal.
8. General Manager, HFDC, Karnal may terminate the work order if it is found that the contractor is black listed on the previous occasions by any of the Government Departments Institutions Local Bodies Municipalities Public Sector Undertakings etc. and all the amount paid for subject work will be recovered from the Bidder.
9. The successful bidder has to complete the work within the assigned period. Extension may be provided considering the request of the bidders having sufficient genuine reasons for the same and on recommendation of the Manager/Assistant Manager.
10. The successful bidder has to produce duly completed books of accounts/documents as and when required by competent authority of General Manager, HFDC, Karnal.
11. The rates quoted by the tenderer shall remain valid for the entire period of contract and General Manager, HFDC, Karnal shall not be responsible for payment of any extra payment on account of escalation of costs/increase in Minimum Wages/Taxes etc, during the said period.
12. General Manager, HFDC, Karnal shall not be responsible for payment of any compensation on account of any loss caused to the tenderer due to natural calamities or other supervening impossibilities.
13. Any complaint of less wage payment delay in payment of wages may also lead to imposition of penalty including forfeiture of performance guarantee.
14. The work will be carried out in strict supervision of field staff of General Manager, HFDC, Karnal and the contractor is also advised to keep his supervisor on site for carrying out of the works technically and for getting instructions from time to time.
15. The contractor shall be fully responsible for the omissions and commissions of the workmen engaged by him in connection with the execution of the work. The General Manager, HFDC, Karnal will not undertake any responsibility of the workmen engaged by the contractor.
16. The proposed rates shall be inclusive of the material, workmen, technical supervision, tool, implements, machinery, equipment, store, loading, unloading, carriage, stacking etc. required for successful completion of works.
17. The contractor shall arrange the material, workmen, technical supervision, tool, implements, machinery, equipment, store, loading, unloading, carriage, stacking etc. required for successful completion of works at his own cost.
18. The works shall be done of high standard quality materials of reputed and branded company and strictly in accordance with the sanctioned estimates and drawings.

19. The contractor shall engage and keep at site qualified engineers, architects, supervisors, electrician and plumber holding valid licenses with necessary supporting staff in sufficient numbers for successful completion of works.
20. The contractor shall ensure all safety measures keeping in view the accident prone nature of work. The first aid boxes fire and extinguisher should be kept at Sawmill site for emergency at work place for all time.
21. Material to be used should be of ISI Mark and as per specification mentioned in costing statement, supervision (Manager and Assistant Manager will ensure quality and quantity. if quality & quantity is not upto mark, material will be rejected and work order will be cancelled and General Manager can offer work to L-2 contractor and EMD will be forfeited.
22. The works will be inspected and verified by the authorized officials. Inspection and verification of work will not in any way absolve the Contractor of full responsibility for ensuring correct work. If the work is not as per specifications, the same will be replaced by the contractor at his own cost.
23. The works will be done after getting the work order from the Manager, HFDC, Karnal. The contractor shall ensure the works in the stipulated time period mentioned in the work order.
24. The Manager, HFDC, Karnal reserves the right to modify the work order or cancel the work order if the contractor does not meet the quality or does not meet the delivery schedule.
25. The Contractor has to arrange at his own cost to obtain no objection and work completion certificates, if any, to be obtained from the local statutory bodies of central and state government. However, any fees required for obtaining such certificates shall be paid by the General Manager, HFDC, Karnal on production of relevant depository challans receipts from such Government authorities.
26. No claim will be entertained on account of price fluctuations. No claim will be entertained for loss, damage, accident, theft or any other reasons.
27. Payment will be made only after quality and quantity have been certified by the authorized officials.
28. The works will be started by the Contractor as and when work order is received from the Manager, HFDC, Karnal. The Contractor shall complete the work as per the time frame given in the work order.
29. Any materials placed on the site by the contractor shall not be returned.
30. Payment Schedule 70% Payment Upon inquiry at the site and 10% Payment After checking quality and quantity.
31. If the works is not completed within the specified period and any extension thereof, the contractor shall be liable to pay penalty for delay in completion of work @0.5% of the total contract value for every week of delay or part thereof, subjected to a maximum of 10% of the total contract value.
32. The decision as regards to recovery of actual loss/damage as well as termination of contract shall be binding on contractor.
33. The General Manager, HFDC, Karnal will not be responsible for payment of any work which is not ordered by the authorized officials.
34. All disputes arising out of the execution of the agreement shall be subject to the jurisdiction of the Court at Karnalonly.

Signature of Contractor or Authorized representative of Agency

Date:

Place:

Mobile _____

Address _____

BANK GUARANTEE FOR ADVANCE PAYMENT

To

_____[name of Employer]
_____[address of Employer]
_____[name of Contractor]Gentlemen:

In accordance with the provisions of the Conditions of Contract, sub-clause 51.1 ("AdvancePayment")of the above-mentioned Contract,_____ [name and address of Contractor] (hereinafter called "the Contractor") shall deposit with _____[name of Employer] a bank guarantee to guarantee his proper and faithful performance under the said Clause of the Contract in an amount of _____[amount of Guarantee]*_____[inwords].

We, the_____ [bank of financial institution], as instructed by the Contractor,agree unconditionally and irrevocably toguarantee as primary obligator and not as Surety merely,the payment to_____[name of Employer] on his first demand without what so ever right of obligation on our part and without his first claim to The Contractor, in the amount not exceeding_____ [amount of guarantee]*_____[inwords].

We further agree that no change or addition to or other modification of terms of the Contractor or Works to beperformed thereunder or of any of the Contract documents which may be made between [name of Employer] and the Contractor, shall in any way release us from any liability under this guarantee, and wehere by waive notice of any such change,addition or modification.

This guarantee shall remain valid and in full effect from the date of the advance payment under

The Contract until_____ Repayment of the same amount from the Contractor.

Your Truly

Signature and Seal of the guarantor
Name of Bank
Address
Date_____

FORM-IX

HARYANA FOREST DEVELOPMENT CORPORATION

STANDARD AGREEMENT FORM

(TO BE EXECUTED ON A NON -JUDICIAL STAMP PAPER OF RS.100/-)

AGREEMENT made this _____day of _____20_____ Between Shri/Ms. _____of _____ (hereinafter referred to as the "Contractor", which term shall unless the context indicates otherwise, include, besides the said Contractor his heirs, executors, administrators, legal representatives and assigns) of the one part and the Governor of Haryana (hereinafter called the "Government") of the other part.

WHEREAS tenders were invited by the vide Reference No. _____ dated _____issued by the General Managerfor the forestry work _____ in the _____ of _____ .

WHEREAS the Contractor has in his tender dated _____ addressed to the General Manager_____ Division, submitted his tender for the _____work given in the land mentioned in the schedule hereto attached for a period ending on _____and has undertaken to carry out all works according to the specifications contained in the conditions hereinafter appearing, at his own cost.

WHEREAS the said tender of the Contractor has been accepted by the Manager/ tender committee _____ subject to the terms, covenants, conditions and provisions hereinafter appearing.

WHEREAS the Contractor has deposited Rs. _____as EMD for the due fulfillment by him of the terms, covenants, conditions and provisions hereinafter contained and same will be converted into Security Deposit.

WHERE AS it is understood by and between the parties that the terms and conditions set out in the tender notice and the conditions of contract together with all schedules, drawings, sketches, rules appended here to form part of this agreement.

NOW THESE WITNESS that for carrying out the said agreement into execution the Contractor for himself, his heirs, executors, administrators, legal representatives and assigns and the General Manager_____ Division acting for and on behalf of the Governor of Haryana and his successors and assigns do here by mutually contract with the other and others of them as follows:-

Contractor — General Manager

Witness — H.F.D.C., Karnal