

ER. SANJAY KUMAR  
(CIVIL ENGINEER)

LIC. NO.- H.R.D.A.-  
147/2021-2022  
Mob. no. 9917242493,9259298837

PROP.: SHIVA ENGINEERS & DESIGNERS

# ENGINEERS # HOUSE MAP PLANNER # 3D-DESIGNERS # ESTIMATORS # CONSULTANTS #

OFFICE :- Keshava Nagar, Ward No. 9, Society Road Laksar, Near Purkaji Over Bridge, Distt. Haridwar (U.A.)  
Email. civileng.Sanjay@rediffmail.com.....

DATE:04/01/2025

## ESTIMATE

Certified that the estimated cost of Construction work at "Induction Furnace" .....

In favour of.....

ALFA INGOT PVT. LTD.

Shall be rupees Rs. 47,43,461.00

( IN WORDS:-

FOURTY SEVEN LAC FOURTY THREE THOUSAND FOUR HUNDRED SIXTY ONE ONLY)

### DETAILS OF INSTALMENT ISSUED:

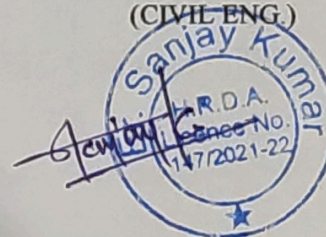
1.0	UP TO PLINTH LEVEL	--00 %
2.0	UP TO DOOR AND ROOF LEVEL G.F.	--00%
3.0	UP TO DOOR AND ROOF LEVEL F.F.	--00%
3.0	UP TO DOOR ROOF LEVEL S.F.	-- 00%
4.0	UP TO FINISHING LEVEL	--00%
5.0	COMPLETION	--00 %

Location of proposed site:-VILL. GANOLI, PARGANA GORDHANPUR, TAH LAKSAR,  
DISTT. HARIDWAR, PURKAJI ROAD.

BY

Sanjay Kumar

(CIVIL ENG.)

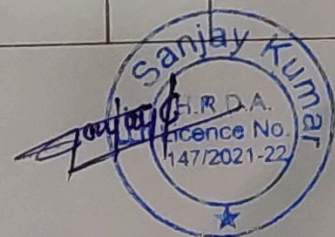




### ABSTRACT OF COST

S.NO	PARTICULAR	QUANTITY	UNIT	RATE	UNIT	AMOUNT(Rs)
1	Earth work in excavation in foundations I/C all lead & lift etc.	70.00	M <sup>3</sup>	157.50	M <sup>3</sup>	11025.00
2	Concrete with 4cm gauge, brick ballast, fine sand and cement in proportion 1:5:10 in foundation.	8.47	M <sup>3</sup>	4028.15	M <sup>3</sup>	34118.43
3	R.C.C. in footing with cement c/sand 20 mm stone agg. in 1:1.5:3.	17.68	M <sup>3</sup>	8340.85	M <sup>3</sup>	125073.63
4	M-150 brick work in 1:6 cement & fine sand mortar in foundation and plinth.	26.40	M <sup>3</sup>	4677.25	M <sup>3</sup>	123479.40
5	Damp proof coarse with one part cement and two parts of coarse sand with water proof powder.	25.03	M <sup>2</sup>	192.00	M <sup>2</sup>	4805.76
6	Earth filling in plinth including supply of earth cartage with in 6 Km.	476.13	M <sup>3</sup>	180.00	M <sup>3</sup>	85703.16
7	M-150 brick work in 1:6 cement & fine sand mortar in super structure wall thickness not to be less then one brick (0.225m).	54.30	M <sup>3</sup>	5426.15	M <sup>3</sup>	294639.94
8	Same as item no. 6 but in 1:4 cement & sand mortar & wall thickness of half brick (0.115m).		M <sup>3</sup>	5000.00	M <sup>3</sup>	
9	Indian sal wood wrought framed for making door's & windows choughats.		M <sup>3</sup>	86522.10	M <sup>3</sup>	
10	Providing and fixing pressed steel door frames conforming to I:S 4351 manufactured from commercial mild steel sheet of 1.25mm thick i/c hinges jumb, lock jumb etc. mild steel angle section 50x25mm or base ties of 1.25mm pressed mild steel welded or rigidly fixed Together by mechanical means, adjustable lugs with split end tail to each jamb i/c steel butt hinges 2.5mm thick with mortar guards.	33.09	RM	377.70	RM	12498.09
11	Steel or Iron work such as reinforcement for R.C.C. I/C its bending & binding. Placing, positioning, strengthening all comp.	65.00	Qtl.	10710.00	Qtl.	6,96150.00
12	Providing and laying R.C.C. work in 1:1.5:3 cement, coarse sand and 10 to 20 mm gauge stone, for retaining wall, return wall (any thickness) i/c pilaster, columns, piers, pillars, abutment, etc Excluding centring shuttering. financing	87.00	M <sup>3</sup>	10852.95	M <sup>3</sup>	9,44,206.65

continue.....





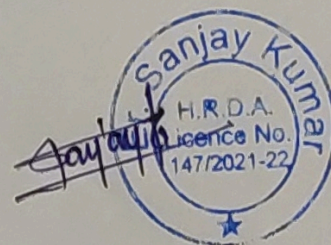
13	12 mm thick plaster in 1:6 cement & fine sand mortar over	997.22	M <sup>2</sup>	149.45	M <sup>2</sup>	145045.72
14	6 mm ceiling plaster of mix. 1:4(cement :fine sand)	86.88	M <sup>2</sup>	150.00	M <sup>2</sup>	13032.00
15	extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.		per bag of cement used	37.40		
16	S/Fixing marble makrana white in floor and dedo fixed with 1:3 C/M and joint field by white cement with 1:2:4 base comr./C grinding and pollicing.	81.38	M <sup>2</sup>	2176.87	M <sup>2</sup>	
17	25 MMthick C.C. floor in 1:2:4 cement sand and 10 mm. garedede stone balast i/c base conc. 1:4:8 and .075 m thick.	250.00	M <sup>2</sup>	353.35	M <sup>2</sup>	88337.50
18	S/Fixing color glazed china tile in skirting laid on 1:3 cement plaster.	174.67	M <sup>2</sup>	921.00	M <sup>2</sup>	
20	35 mm thick doors & windows shutters. paneled & glazed with aluminium fitting. thick shisham wood fully paneled door shutter's I/C aluminium Fitting's.		M <sup>2</sup>	3393.50	M <sup>2</sup>	
21	35 mm thick doors & windows shutters. paneled & glazed with aluminium fitting. teak wood fully paneled door shutter's I/C aluminium Fitting's.		M <sup>2</sup>	4198.84	M <sup>2</sup>	
22	35 mm thick flush doors & windows shutters. i/c stainless steel fitting.	4.75	M <sup>2</sup>	4063.00	M <sup>2</sup>	19299.25
23	provided 12 mm thick fully glazed doors shutters with S.S. fitting.	09.10	M <sup>2</sup>	7000.00	M <sup>2</sup>	
24	fully glazed doors and windows fitting with alluminium frame fitting.		M <sup>2</sup>	5500.00	M <sup>2</sup>	
25	<b>Kitchen</b> providing and fixing moulded kitchen work. etc.	20.35	M <sup>2</sup>	5915.00	M <sup>2</sup>	
26	Providing of kitchen electric chimney With highly expert quality.hindware,hevals,elica etc.	1	per	15000.00-30,000.00	per	
27	Extra add Labour of Fixing chimney	1	No.	2500.00	No.	
28	providing and applying plaster of paris putty of 2 mm thick over plastered surface to prepare the surface even and smooth complete.	301.44	M <sup>2</sup>	83.80	M <sup>2</sup>	
29	Finishing walls with water proof cement paint two coats over one priming coat.	186.72	M <sup>2</sup>	57.85	M <sup>2</sup>	
30	Fallcilling or P.O.P work.	138.00	M <sup>2</sup>	1076.00	M <sup>2</sup>	
31	Two or three coat of white wash with lime to givean even shed.		M <sup>2</sup>	22.05	M <sup>2</sup>	
32	color wash two cots over new work with white base.		M <sup>2</sup>	30.00	M <sup>2</sup>	

Sanjay Kumar  
R.D.A.  
Pence No.  
147/2021-22



33	distemping with oil bond washable distemper of approved brand and manufacture to given an even shade. two or more coats over one coat of cement primer over new work.	578.93	M <sup>2</sup>	210.00	M <sup>2</sup>	121577.30
34	distemping with dry distemper two coats over one coat of primer over new work.		M <sup>2</sup>	64.00	M <sup>2</sup>	
35	Providing and fixing G.I. pipe line cutting and threading the pipe and making long screw, i/c excavation, refilling earth or cutting wall, and making good same complete.	250.00		3000.00		750000.00
35	Painting or varnishing two coats over one coat of primer on new wood work.	73.10	M <sup>2</sup>	84.20	M <sup>2</sup>	6155.02
36	Painting on new steel work.	250.00	M <sup>2</sup>	150.00		37500.00
37	Fixing rain water pipe of approved quality ac. pipe 10cm dia. ac. pipe 10cm dia.	7.92	RM	198.00	RM	1568.16
38	Mild steel or iron work such as making railing, gate, grill etc.	10.29	Qtl	10900.00	Qtl	62161.00
39	supply and fixing of rolling shutter i/c all supply of material and labour.	17.50	M <sup>2</sup>	850.00	M <sup>2</sup>	14875.00
40	Anti-termite treatment	89.20	M <sup>2</sup>	275.00	M <sup>2</sup>	24530.00
41	Water proofing treatment.	250.00	M <sup>2</sup>	55.00	M <sup>2</sup>	13750.00
42	Ward robe, Glass. showcase with wooden/ aluminium border.		M <sup>2</sup>	3500.00	M <sup>2</sup>	
43	mosquito proof wire mess.		M <sup>2</sup>	300.00	M <sup>2</sup>	
44	<b>FRAM WORK</b> Centering and Shuttering including strutting ropping etc.					
	1:-Footing	100.28	M <sup>2</sup>	156.60	M <sup>2</sup>	15797.80
	2:-Collumn	232.02	M <sup>2</sup>	315.20	M <sup>2</sup>	73132.70
	3:- beam	62.36	M <sup>2</sup>	248.50	M <sup>2</sup>	15496.46
	4:-Slab	290.16	M <sup>2</sup>	286.60	M <sup>2</sup>	82940.00

**Total Rs. 38,72,212.97**



— P.T.O. —



**SUMMARY OF ESTIMATED COST**

S.NO.	SUB- HEAD	AMOUNT
1.0	Estimated cost	38,72,212.97
2.0	Add 10 % for Electrification charges	3,87,221.29
3.0	Add 10 % for Sanitation charges	3,87,221.29
4.0	Add contingency charge 2.5 %	96805.32
5.0	TOTAL AMOUNT	47,43,460.87
6.0	SAY (In Lack) Rs	47,43,461.00

*Aproximate Estimated Cost:*

**(Rupees Fourty Seven Lac Fourty Three Thousand Four Hundred Sixty One Only)**

**NOTE:-** 1. This estimate is for civil work and electrification charge complete.  
2. all quantity rates are taken from C.P.W.D. Scheduled.

**FOR:- :-Shiva Engineers & designers**

**BY**

**Sanjay Kumar**  
( CIVIL ENG.)

