

**ESTIMATE FOR PROPOSED WARE HOUSE AT FOOD PARK,DEBGRAM,SILIGURI**

SL. NO.	DESCRIPTION OF ITEMS	QUANTITY	RATE RS. P.	UNIT	AMOUNT RS. P.
<b><u>EARTHWORK</u></b>					
1	Earth work In excavation of foundation trenches or drains or septic tank , soak wells etc, in all sorts of soil (including mixed soil but excluding laterite and sand stone ), including removing spreading or stacking the spoils within a lead of 75 metre as				
	a) Depth of excavation not exceeding 1. 5 meter,	462.13	4187.00	%Cu.M.	19349.38
	b) Depth of excavation for addl depth beyond 1.5.meters& upto 3.0 meter but not requiring shoring,	92.43	7742.00	%Cu.M.	7155.93
2	Earth work in filling in foundation trenches or plinth with good earth, In layers not exceeding 15 cm. Including watering and ramming etc.layer by layer, complete,				
	a) With earth obtained from excavation of foundation.	110.91	2600.00	%Cu.M.	2883.71
3	Silver Sand filling in foundation or plinth in layers not exceeding 15 cm as directed, and consolidating same by through saturation with water and ramming complete, including the cost of supply of sand.	399.49	13500.00	%Cu.M.	53931.42
<b><u>BRICK WORK,CONCRETE WORK</u></b>					
4	Cement concrete with graded stone shingles ( 30 mm. down) excluding shuttering. a) 6:3:1 proportion. a) 6:3:1 proportion.	66.58	2454.30	Cu.M.	163412.20
5	25 mm thick damp proof course with cement concrete with stone chips (4:2:1) and admixture of water proofing compound as per manufacturer's specification over a coatof polyper based pint, double chequered complete as directed (cost of water proofing compou	27.60	100.00	SQM	2760.00
	a) Extra for water proofing compound (of approved brand) in specified proportion in cement concrete, brick work, sand cement plaster.	23.77	21.00	KG	499.10
6	Ordinary Mix M -20 (mix. 3 : 1.5 : 1) with graded stone chips (20mm down) excluding shuttering and reinforcement, if any, as per IS 456 - 2000.				
	a) For foundation and upto Ground Floor roof level	108.86	3553.20	Cu.M.	386802.91

7 Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels, curved or straight including 25mm to 30mm shuttering without staging In				
B) foundation etc.	209.66	107.80	SQM	22601.35
A) 30m to 37 mm thick wooden shuttering				
a) Upto Ground Floor roof level	298.93	168.30	SQM	50310.00
8 Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary) cutting to requisite length hooking and bending to correct shape ,placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction For M.S. Bar / Tor Steel				
a) Upto Ground Floor roof level upto 4m	15.21	40000.00	MT	608399.65
9 1st class Brick work in cement mortar ( 6: 1 ) including cost of scaffolding and other incidental work etc. complete.				
i) in foundation and plinth	18.97	2854.60	Cu.M.	54144.63
ii) In superstructure .				
a) Ground floor	10.58	2801.94	Cu.M.	29630.52

**PLASTERING, POINTING etc.**

10 Plaster (to wall, floor, etc.) with sand and cement mortar including rounding off or chamfering corners, as directed and racking out joints roughening of concrete surface including chipping and application of cement slurry where necessary etc. complete.				
A. With 6 : 1 cement mortar				
a) 20 mm thick plaster.				
a) In Ground Floor.	84.60	83.70	SQM	7081.02
11 Supplying and laying polythene sheet (150gm/sq.m.) over damp proof course or below flooring or roof terracing or in foundation trenches.	144.08	9.00	SQM	1296.72
12 Artificial stone In floor, dado, staircase etc. with cement concrete 4 : 2 : 1 laid in pannels as directed, with toppings made with ordinary or white cement (as necessary) and marble dust in proportion ( 2:1) including smooth finishing and rounding off cor				
<b>ii) 25 mm thick artificial stone</b>				

a) In Ground Floor.	50.00	174.15	SQM	8707.50
13 Neat cement punning about 1.5 mm thick in wall, dado, window sills, floor, drain etc	100.00	15.00	SQM	1500.00
14 20 to 25 mm. Thick Kota stone slab tiles set in lime mortar (2:1) or cement mortar(2:1) including levelling course with same mortar as required including grinding and polishing as per direction of Engineer-in-charge, a) In Ground Floor.	443.88	881.00	SQM	391058.28

**CARPENTER'S WORK**

15 (b) Supplying fitting and fixing steel rolling grills link type, shutter with 18 B.G .of approved type steel to the section 75mm wide, fitted with coil wire spring to necessiate the fitting of required Nos. of C.I. Pulleys on heavy type solid drawn seamless steel tube complete with locking arrangements both inside and outside specially builtup side guide channels including providing a hood for the steel rolling shutter in the room, painting two coats of approved aluminium paint over a coat of red lead primer complete.	36.00	3000	SQM	108000.00
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**PAINTING,VARNISHING etc**

16 Painting with best quality synthetic enamel superior quality paint of approved make and brand including smoothening surface by surface papering etc. including using of approved putty etc on the surface if necessary for all floors.  b) On steel or other metal surface With super gloss (Hi-Gloss) Two coats (with any shade)	72.00	38.00	SQM	2736.00
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17 Priming 1 coat to timber or steel or Plastered with ready mixed primer of approved quality, including smoothening surface by sand papering etc.	72.00	20.00	SQM	1440.00
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**WHITE WASH, COLOUR WASH, DISTEMPER**

18 Protective and decorative textured exterior high classmatt finish, composed of special Thermoplastic resin containing fine crystalline additives drive from Gramite as per direction of Engineer-in-charge to be applied over a coat of cement based paint. The rate includes cost of material, labour scaffolding and all incidental chargesbut  excluding the cost of one coat of cement based paint recquired for new cement plastered surface . (1) Two Coat a) On new cement plaster surface	42.30	54.00	Sq.M.	2284.20
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19	White washing including cleaning and smoothing surface thoroughly Three coats(On new work only) for all floors	42.30	690	%SQM	291.87
<b><u>DRAIN,DOWN PIPES,CHIMNEY PIPES etc</u></b>					
20	Supplying fitting and fixing UPVC Down pipe conforming to I.S.13592 / 1992 manufactured as per IS 4984 - 1987, and fitted with all necessary specials, clams, nails including making holes in walls, floor, etc cutting treanches in any soil,through masonry/ concrete structures etc. if necessary and mending good damages including jointing with jointing materials (\$pun yarn, valmoid / bitumen / M. Seal etc. ) complete. (Payment to be made on length of pipes only) a) 110 mm diameter.	50.00	227.70	M	11385.00
21	Pre coated profile Metashield EPG-1-0 grade special polyester color coating of 20 micron (DFT) on exposed surface and 5 micron (DFT) of special primer on both surface on CRCA steel of minimum yield streangth of 240 Mpa with hot dip zinc coating mass of 120 gsm confirming to IS 277 fitted and fixed with all necessary screws, washers etc. as per discussion of Engg - in - charge 0.50 niminal TCT. (i) In roof:b) With 0.50 mm. thick sheet	577.044	616.00	SQM	355460.00
22	Ridges and Gutters fitted and fixed with all necessary screws, washers etc. as per direction of Engg - in-charge all complete 0.50 Nominal TCT (a) With 0.50 mm. sheets	84.3	388.5	MTR	32751.00
23	M.S. structural works in roff trusses with hollow sections(TATA make square or rectangular shape) conforming to IS: 806-1957 & IS: 1161- 1958 cnnected to one another with bracket, gusset cleats as per design, direction of Engineer-in- charge complete including cutting to requisite size, fabrication including metal arc welding conforming to IS: 816-1956 & IS: 9595 using electrodes of approved make and brand conforming to IS:814- 1957, haulage, hoisting and erection all complete.The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc. complete 3) For trusses spanning above 12.0m and upto 20.0m	12.42	76034	MT	944190.00
<b>TOTAL FROM BUILDING WORKS AS/SCHEDULE ABOVE</b>					<b>3270063.00</b>

