

HEDGIRE U. R.

Chartered Engineer.

SMC Lic. No. 100

9591/1, RAVIWAR PETH, KANNA CHOWK,
Solapur. NO. 9422463371

TOTAL ESTIMATE

**NAME OF WORK :- PROPOSED CONSTRUCTION OF GRAIN PROCESSING UNIT FOR
BHUSEVA FARMERS PRODUCER COMPANY LTD. @ GAT NO. 174 , HIVARE, TAL -
MOHOL. DIST.- SOLAPUR.**

OWNER :- BHUSEVA FARMERS PRODUCER COMPANY LTD.

ESTIMATED COST FOR TOTAL PROJECT

Rs. 10461808.00

ESTIMATE PREPARED BY : Er. UMESH R. HEDGIRE.

ESTIMATE PREPARED BY USING CURRENT SCHEDULE RATES - 2019 - 20.

Hedgire U.R.
HEDGIRE U.R
B.E CIVIL
M 141759-7
CHARTERED CIVIL ENGINEER

HEDGIRE U. R.

Chartered Engineer.

SMC Lic. No. 100

9591/1, RAVIWAR PETH, KANNA CHOWK,
Solapur. NO. 9422463371

ESTIMATE

**NAME OF WORK :- PROPOSED CONSTRUCTION OF GRAIN PROCESSING UNIT
FOR BHUSEVA FARMERS PRODUCER COMPANY LTD. @ GAT NO. 174 ,
HIVARE, TAL - MOHOL. DIST.- SOLAPUR.**

OWNER :- BHUSEVA FARMERS PRODUCER COMPANY LTD.

ESTIMATED COST FOR GRAIN PROCESSING UNIT

Rs. 7371045.00

ESTIMATE PREPARED BY : Er. UMESH R. HEDGIRE.

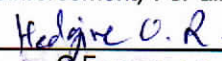
ESTIMATE PREPARED BY USING CURRENT SCHEDULE RATES - 2019 - 20.

Hedgire U.R.
HEDGIRE U. R.
B. E. Civil, MIE
Chartered Engineer
S.M.C. Structural Lic. No.

**NAME OF WORK :- PROPOSED CONSTRUCTION OF GRAIN PROCESSING UNIT FOR
BHUSEVA FARMERS PRODUCER COMPANY LTD. @ GAT NO. 174 , HIVARE, TAL -
MOHOL. DIST.- SOLAPUR.**

**TITLE : GRAIN PROCESSING UNIT
ABSTRACT**

Qty	Item of Work	Rate	Unit	Amount
26.73	Item No. 1 :-Excavation for foundation / pipe trenches in earth, soils of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50 metres and lifts as below, stacking and spreading as directed, normal dewatering, repairing the bed for foundation and excluding backfilling, etc. complete. (Bd-A-1/259)	145.00	Cum	3875.85
44.55	Item No. 2 :- Excavation for foundation / pipe trenches in hard murum including removing the excavated material upto a distance of 50 M and lifts as below, stacking and spreading as directed by Engineer-in-charge, normal dewatering, preparing the bed for fo undation and excluding backfilling, etc. complete. (Bd-A-2/259)	165.00	Cum	7350.75
439.84	Item No. 3 Filling in plinth and floors / trenches with contractor's murum for bedding in 15 cm to 20 cm layers including watering and compaction, etc. complete. (Bd-A-11/263)	760.00	Cum	334276.88
72.77	Item No. 4 :- Providing and laying in situ Cement Concrete M-15 of trap/ granite / quartzite / gneiss metal for foundation and bedding including bailing out water, form work, compaction, curing, etc. complete. (Cement 5.90 bags / cum) pec. No. - Bd E /1 Page No. 287 and B 7, Page No. 38 In PCC M-15	5035.00	Cum	366390.66
40.69	Item No. 5 :-Providing and laying in situ Cement Concrete of trap/ granite / quartzite / gneiss metal for RCC work in foundation like raft, grillage, strip foundation and footing of RCC columns and steel stanchions including normal dewatering, form work, compaction, finishing and curing, etc. complete. (By weigh batching and mix design for M250 and M-300 only. Use of L&T, A.C.C., Ambuja, Birla Gold, Manikgad, Rajashree, etc. cement is permitted.) (Excluding M.S. or Tor reinforcement) In RCC M-250	6367.00	Cum	259057.31
2.90	Item No. 6 :-Providing and casting in situ Cement Concrete of trap/ granite / quartzite / gneiss metal of approved quality for RCC works as per detailed drawings and designs or as directed by Engineerin charge including normal dewatering, centering, form work, compaction, finishing the formed surfaces with CM 1:3 of sufficient minimum thickness if special finish is to be provided and curing, etc. complete. (By weigh batching and mix design for M-250 and M-300 only. Use of L&T, A.C.C., Ambuja, Birla Gold, Manikgad, Rajashree, etc. cement is permitted.) (Excluding M.S. or Tor reinforcement) For all types of Columns in RCC M-25	7598.00	Cum	22019.00


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	Item No. 7 :- Providing and casting in situ C.C. of trap / granite/ quartzite / gneiss metal of approved quality for RCC works as per detailed drawings and designs or as directed by Engineer-in-charge including normal dewatering, centering, form work, compaction, finishing the formed surfaces with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface wherever necessary or roughening if special finish is to be provided and curing, etc. complete. (By weigh batching and mix design for M-25 and M-30 only. Use of L&T, A.C.C., Ambuja, Birla Gold, Manikgad, Rajashree, etc. cement is permitted.) (Excluding M.S. or Tor reinforcement) For Beams / Braces / Lintels in RCC M-25			
17.00	G.F	7491.00	Cum	127362.43
	Item No. 8 :- Providing and laying in situ cement concrete M30 with tremix treatment for 200 mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessary refilling with bitumen etc. complete. As directed by Engineer in charge			
535.91	G.F	1010.00	Sqm	541272.74
28.00	Item No. 9 :- Providing and fixing in position steel bar reinforcement of various diameters for RCC piles, caps, footings, foundations, slabs, beams, columns, canopies, staircases, newels, chajjas, lintels, pardies, copings, fins, arches, etc. as per detailed designs, drawings and schedules; including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required, etc. complete (including cost of binding wire). (Bd-F-17/306) Tor Steel	63216.00	M.T.	1770052.30
	Item No. 10 :- Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete Bd.G.5 Page No. 315			
70.62	G.F	4804.00	Cum	339272.99
	Item No. 11 :- Providing internal cement plaster 20mm thick in two coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete. Bd.L.4 Page No. 368			
284.49	G.F	328.00	Sqm	93311.74
	Item No12 :- Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete. Bd.L.7 Page No. 369			
239.01	G.F	509.00	Sqm	121654.56

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	Item No. 13 :-Providing and fixing M40 grade thick vibrated pull cast or similar type concrete frame with chamfer conforming to I.S. 65241983 having 6 mm dia bars 3 Nos. And strips @250 mm c/c and fixing in wall with 6 Nos. of hold fast of 12 mm dia bars 500 mm long including primer and oil painting etc, complete) frame size 60 mm x 125 mm As directed by Engineer in charge.			
4.20	G.F	1345.00	Sqm	5649.00
	Item No. 14:- Providing and fixing solid core flush door shutter commercial in single leaf 32 mm thick without ventilator commercial type of exterior grade as per detailed drawings with wrought iron hold fast, stainless steel fixtures and fastenings and handles on both sides and finishing with oil painting 3 coats complete. BD-T-36 Page No. 500			
4.20	G.F	1630.00	Sqm	6846.00
	Item No. 15 :- Providing and fixing mild steel grill work for windows, ventilators etc. 20 kg/sqm as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete. Bd.U.1 Page No. 537			
0.83	G.F	1720.00	Sqm	1424.16
	Item No. 16- Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. and handle and top section 40 x 18 x 1.25 mm at weight o.417 kg/Rmt. As per detailed drawings and as directed by Engineerincharge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With powder coating with box. As directed by Engineer in charge.			
0.83	G.F	3731.00	Sqm	3089.27
	Item No. 17 :-Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M.S. Bracket plate 300 x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear wheels and worms of high grade cast iron or mild steel and one coat of red lead primer etc.			
16.20	G.F	2856.00	Sqm	46267.20

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**NAME OF WORK :- PROPOSED CONSTRUCTION OF GRAIN
PROCESSING UNIT FOR BHUSEVA FARMERS PRODUCER
COMPANY LTD. @ GAT NO. 174 , HIVARE, TAL - MOHOL. DIST.-
SOLAPUR.**

**TITLE : GRAIN PROCESSING UNIT
MEASUREMENT SHEET**

Item No. 1 :-Excavation for foundation / pipe trenches in earth, soils of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50 metres and lifts as below, stacking and spreading as directed, normal dewatering, repairing the bed for foundation and excluding backfilling, etc. complete. (Bd-A-1/259)

For Columns (rect)	20.00	1.65	1.80	0.45	26.73	Cum	
				Total	=	26.73	Cum

Item No. 2 :- Excavation for foundation / pipe trenches in hard murum including removing the excavated material upto a distance of 50 M and lifts as below, stacking and spreading as directed by Engineer-in-charge, normal dewatering, preparing the bed for fo undation and excluding backfilling, etc. complete. (Bd-A-2/259)

For Columns (rect)	20.00	1.65	1.80	0.75	44.55	Cum	
				Total	=	44.55	Cum

Item No. 3 Filling in plinth and floors / trenches with contractor's murum for bedding in 15 cm to 20 cm layers including watering and compaction, etc. complete. (Bd-A-11/263)

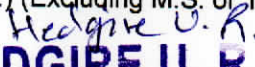
1.00	17.80	30.00	0.60	320.40	Cum	
1.00	17.80	6.10	1.10	119.44	Cum	
			Total	=	439.84	Cum

Item No. 4 :- Providing and laying in situ Cement Concrete M-15 of trap/ granite / quartzite / gneiss metal for foundation and bedding including bailing out water, form work, compaction, curing, etc. complete. (Cement 5.90 bags / cum) pec. No. - Bd E /1 Page No. 287 and B 7, Page No. 38
In PCC M-15

For Columns	15.00	1.65	1.80	0.125	5.57	Cum
At plinth	1.00	17.80	30.00	0.125	66.75	Cum
For Steps	2.00	1.20	1.50	0.125	0.45	Cum
Ramp	2.00	3.00	1.50	0.125	1.13	Cum
			Total	=	72.77	Cum

Item No. 5 :-Providing and laying in situ Cement Concrete of trap/ granite / quartzite / gneiss metal for RCC work in foundation like raft, grillage, strip foundation and footing of RCC columns and steel stanchions including normal dewatering, form work, compaction, finishing and curing, etc. complete. (By weigh batching and mix design for M250 and M-300 only. Use of L&T, A.C.C., Ambuja, Birla Gold, Manikgad, Rajashree, etc. cement is permitted.) (Excluding M.S. or Tor reinforcement) In RCC M-250

For Columns (rect)	20.00	1.55	1.75	0.75	40.69	Cum
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Total = 40.69 Cum

Item No. 6 :- Providing and casting in situ Cement Concrete of trap/ granite / quartzite / gneiss metal of approved quality for RCC works as per detailed drawings and designs or as directed by Engineer in charge including normal dewatering, centering, form work, compaction, finishing the formed surfaces with CM 1:3 of sufficient minimum thickness if special finish is to be provided and curing, etc. complete. (By weigh batching and mix design for M-250 and M-300 only. Use of L&T, A.C.C., Ambuja, Birla Gold, Manikgad, Rajashree, etc. cement is permitted.) (Excluding M.S. or Tor reinforcement) For all types of Columns in RCC M-25

Rect.

Plinth 20.00 0.23 0.60 1.05 = 2.90 Cum

Total = 2.90 Cum

Item No. 7 :- Providing and casting in situ C.C. of trap / granite/ quartzite / gneiss metal of approved quality for RCC works as per detailed drawings and designs or as directed by Engineer-in-charge including normal dewatering, centering, form work, compaction, finishing the formed surfaces with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface wherever necessary or roughening if special finish is to be provided and curing, etc. complete. (By weigh batching and mix design for M-25 and M-30 only. Use of L&T, A.C.C., Ambuja, Birla Gold, Manikgad, Rajashree, etc. cement is permitted.) (Excluding M.S. or Tor reinforcement) For Beams / Braces / Lintels in RCC M-25

For Plinth Beams 2.00 30.50 0.23 0.60 8.42 Cum
3.00 17.84 0.23 0.60 7.39 Cum

For Lintel Beams 2.00 4.00 0.23 0.45 0.83 Cum
2.00 1.50 0.23 0.23 0.16 Cum
2.00 2.00 0.23 0.23 0.21 Cum

Total = 17.00 Cum

Item No. 8 :- Providing and laying in situ cement concrete M30 with tremix treatment for 200 mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessary refilling with bitumen etc. complete. As directed by Engineer in charge

Plinth level 1.00 17.84 30.04 = 535.91 Sqm
Total = 535.91 Sqm

Net Total = 535.91 Sqm

Item No. 9 :- Providing and fixing in position steel bar reinforcement of various diameters for RCC piles, caps, footings, foundations, slabs, beams, columns, canopies, staircases, newels, chajjas, lintels, pardies, copings, fins, arches, etc. as per detailed designs, drawings and schedules; including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required, etc. complete (including cost of binding wire). (Bd-F-17/306) Tor Steel

Footing = 40.688 x 250.00 = 10171.88 Kg
Beams = 17.00 x 350.00 = 5950.72 Kg
Columns = 2.90 x 400.00 = 1159.20 Kg

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Tremix	=	535.91	x	20.00	=	10718.27	Kg
				Total	=	28000.07	Kg
			Tor Steel		=	28.00	M.T.

Item No. 10 :- Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete Bd.G.5 Page No. 315

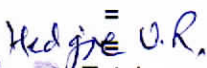
G.F.		2.00	28.60	3.20	0.23	42.10	Cum
		2.00	17.84	3.20	0.23	26.26	Cum
		4.00	1.20	1.50	0.60	4.32	Cum
					Total	72.68	
Deduction							
Doors	D	2.00	1.00	2.10	0.23	0.97	Cum
Window	W	2.00	1.50	1.20	0.23	0.83	Cum
Shutter	RS	2.00	3.00	2.40	0.23	3.31	Cum
				Total deduction		5.11	Cum
				Total		67.57	
F.F. (Parapet)		2.00	11.00	0.35	0.23	1.77	Cum
		2.00	7.94	0.35	0.23	1.28	Cum
				Total		3.05	
Net brick work						70.62	Cum

Item No. 11 :- Providing internal cement plaster 20mm thick in two coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete. Bd.L.4 Page No. 368

G.F.		2.00	30.00	3.00	=	180.00	Sqm	
		2.00	17.84	3.00	=	107.04	Sqm	
				Total	=	287.04	Sqm	
Deduction 50 %								
Doors	D	2.00	1.00	2.10	0.23	0.97	Cum	
Window	W	2.00	1.50	1.20	0.23	0.83	Cum	
Shutter	RS	2.00	3.00	2.40	0.23	3.31	Cum	
				Total deduction		5.11	Cum	
				Total deduction 50 %		2.55	Cum	
Total						=	284.49	Sqm

Item No12 :- Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete. Bd.L.7 Page No. 369

G.F.		2.00	30.50	3.60	=	109.80	Sqm
		2.00	18.30	3.60	=	131.76	Sqm
				Total	=	241.56	Sqm


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Deduction 50 %

Doors	D	2.00	1.00	2.10	0.23	0.97	Cum	
Window	W	2.00	1.50	1.20	0.23	0.83	Cum	
Shutter	RS	2.00	3.00	2.40	0.23	3.31	Cum	
						Total deduction	5.11	Cum
						Total deduction 50 %	2.55	Cum

Net Total **239.01** Sqm

Item No. 13 :- Providing and fixing M40 grade thick vibrated pull cast or similar type concrete frame with chamfer conforming to I.S. 65241983 having 6 mm dia bars 3 Nos. And strips @250 mm c/c and fixing in wall with 6 Nos. of hold fast of 12 mm dia bars 500 mm long including primer and oil painting etc, complete) frame size 60 mm x 125 mm As directed by Engineer in charge.

G.F.	D	2.00	1.00	2.100	=	4.20	Sqm	
						Net Total	= 4.20	Sqm

Item No. 14:- Providing and fixing solid core flush door shutter commercial in single leaf 32 mm thick without ventilator commercial type of exterior grade as per detailed drawings with wrought iron hold fast, stainless steel fixtures and fastenings and handles on both sides and finishing with oil painting 3 coats complete. BD-T-36 Page No. 500

G.F.	D	2.00	1.00	2.100	=	4.20	Sqm	
						TOTAL	4.20	Sqm
						Net Total	= 4.20	Cum

Item No. 15 :- Providing and fixing mild steel grill work for windows, ventilators etc. 20 kg/sqm as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete. Bd.U.1 Page No. 537

Window	W	2.00	1.50	1.20	0.23	0.83	Sqm.	
						TOTAL	0.83	Sqm.
						Net Total	= 0.83	Sqm.

Item No. 16- Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineer in charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With powder coating with box. As directed by Engineer in charge.

Window	W	2.00	1.50	1.20	0.23	0.83	Sqm.	
						TOTAL	0.83	Sqm.

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Net Total = 0.83 Sqm.

Item No. 17 :-Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M.S. Bracket plate 300 x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear wheels and worms of high grade cast iron or mild steel and one coat of red lead primer etc. complete. (I.S. 62481979) (Without mechanical gear)

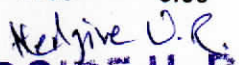
Shutter	RS	2.00	3.00	2.70	0.23	16.20	Sqm.
					TOTAL	16.20	Sqm.
Net Total						=	16.20 Sqm.

Item No. 18:- Providing and applying primer coat for internal wall surface and ceiling including scaffolding to receive oil bound distemper treatment etc. complete. As directed by Engineer- in charge.

G.F.		2.00	17.84	3.00	=	107.04	Sqm
		2.00	30.04	3.00	=	180.24	Sqm
				Total	=	287.28	Sqm
Deduction 50 %							
Doors	D	2.00	1.00	2.10	0.23	4.20	Sqm
Window	W	2.00	1.50	1.20	0.23	3.60	Sqm
Shutter	RS	2.00	3.00	2.40	0.23	14.40	Sqm
				Total deduction		22.20	Sqm
				Total deduction 50 %		11.10	Sqm
Total						=	276.18 Sqm

Item No.19- Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat)etc. complete. Bd.P.6 Page No. 414

G.F.		2.00	30.50	3.65	=	111.33	Sqm
		2.00	18.30	3.65	=	133.59	Sqm
				Total		244.92	Sqm
Deduction 50 %							
Doors	D	2.00	1.00	2.10	0.23	4.20	Sqm
Window	W	2.00	1.50	1.20	0.23	3.60	Sqm
Shutter	RS	2.00	3.00	2.40	0.23	14.40	Sqm
				Total deduction		22.20	Sqm
				Total deduction 50 %		11.10	Sqm


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Net Total **233.82** **Sqm**

Item No.20- Providing, fabricating and erecting at site of work the tubular steel structure (shed) as per standard design and specifications having various spans in between trusses and in multiples of standard length of bays as specified as per standard specifications, inclusive of cost of steel tubular trusses, tubular columns purlins, tie runners, foundation bolts, base plates, nuts and bolts, welding wherever required etc. as per detailed drawing inclusive of one coat of anticorrosive paint and two coats of oil painting of approved quality and shade etc. complete. Spec. No. : As directed by Engineer-in-charge. B-18 Page No. 78 Metric Tonne 61649 13946 823 Structural Steel Work 23.08 BDC Providing Gas or Electrical welding for structural steels (Note : 50 Kg/ Sqm steel)

Floor Area	1.00	30.50	18.30	=	27.91	MT
				Total	27.91	MT

Item No.21 - Providing and fixing corrugated galvanised iron sheets of 0.63mm thick (24 B.W.G.) for roofing without wind tiles including fastening with galvanised iron screws and bolts, lead and bitumen washers as per drawing etc. complete.(Weight of 5.5 kg/sq.m.).

Roofing	2.00	30.00	9.75	=	438.75	Sqm
Side Sheets	2.00	30.50	5.60	=	256.20	Sqm
Side Sheets	2.00	18.30	6.60	=	181.17	Sqm
				Total	694.95	Sqm

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