

CHECK LIST FOR ESTIMATE SCRUTINY OF SEED PROCESSING UNIT

SR.NO	DESCRIPTION	
	NAME OF WORK :- PROPOSED CONSTRUCTION FOR SEED PROCESSING STORAGE UNIT WITH ANCILLARY Work at Gat No.8/5,KHAROLA,TAL-YEVATMAL ,DIST-YEVATMAL	
1		
2	7/12 & 8- Area	:-
3	Area as per 7/12	:-
4	Proposed Plot Area on Drawing	:-
5	Existing Road / Name Standard of Road (V.R./ O.D.R./MDR/S.H./N.H.)	:-
6	Control Distance Line From the Road Cent	:-
7	Approch Road From ExistingRoad	:-
8	Details Of Drawing	:- Yes
	A)Plan	:- Yes
	B)Elevation	:- Yes
	C) Section/Cross Section/Front Elevation	:- Yes
	D)Location Plan/ Village Plan	:- Yes
9	Layout Plan	:- Yes
10	Estimate Based on D.S.R Rates For the Year	:- Civil e-SSR 2022-23
	Abstract/ Recap [Estimated Amount + GST 18% + Insurance 1% L.I]	:- 7676000
11		
12	General Description	:- YES
13	Plinth Hight From Modified Road Top	:- 0.85 meter



BALIRAJASEVA KENDRA FARMER PRODUCER COMPANY LIMITED

[Signature]
Director



[Signature]
Er. C.P. WANKHADE
B.E. (Civil), M.E., FIV, FIE
Chartered Civil Engineer
Regd.no. A-52888/89
Yavatmal, Cell: 9422868636

GENERAL REPORT

NAME OF WORK :- PROPOSED CONSTRUCTION FOR SEED PROCESSING STORAGE UNIT WITH
ANCILLARY Work at Gat No.85,KHAROLA,TAL-YEVATMAL ,DIST-YEVATMAL

The Estimate has been Prepared for seed processing storage unit
720MT.Cap. PEB unit of amounting Rs. 7676999

As per below, Following are the Provisions being made while preparing estimate. And Estimate item rates is

- 1 Excavation
- 2 Footing ,Coloumn, Beams of RCC-M20
- 3 BBM For Foundation And Super Structure.
- 4 TMT FE-500 Bar For RCC Work
- 5 OutSide& Inside Plaster Work.
- 6 RCC Tremix Flooring Work
- 7 Steel Rolling Shutter
- 8 Steel Grill Windows (V1 & V2)
- 9 Painting / Colouring Work For Inside & Outer Side
- 10 Turbo Ventilatar.
- 11 colour coated Zinalume Sheet For PEB Roofing.



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BALIRAJASEVA KENDRA FARMERS PRODUCER COMPANY LIMITED

GUT NO.8/5,KHAROLA,TAL-YEVATMAL,DIST-YEVATMAL

RECAP SHEET

FINAL

NAME OF WORK :- PROPOSED CONSTRUCTION FOR SEED PROCESSING STORAGE UNIT WITH
ANCILLARY Work at Gat No.8/5,KHAROLA,TAL-YEVATMAL ,DIST-YEVATMAL

Based On E SSR 22-23

PARTICULARS			AMOUNT	720	
	Cap.	Unit		Cost per MT	Cost per MT
Sub Work :-I Const. of 720MT PEB UNIT	720	MT	Rs 6238163	8664	Cost per MT
→ Sub Work II :- Electrification		1%	Rs 62382		
Sub Work III :- Royalty Charges			Rs 100904		
Sub work IV :- Material Lab Testing charges			Rs 48820		
TOTAL COST			6450268	8959	Cost per MT
Add GST	18%	Rs	1161048		
Add L.I.	1.0%	Rs	64503		
Grand Total			Rs 7,675,819.00	10661	Cost per MT
SAY			Rs. 7676000.00		



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Chartered Civil Engineer
Regd.no.A-52888/89
Yevatmal,Cell: 9422860636

LEADS & RATES OF MATERIALS EST 22-23

S.N.	MATERIAL & LOCATION	UNIT	LEADS	CHARGED		LEAD	Pay Band						
			KM	ACTUAL	INITIAL	DIFF	Factor						
1.00	SAND	CUM	40.00	841.38	-	841.38	1.00						
2.00	METAL UPTO 40MM crushed	CUM	14.00	397.93	-	397.93	1.00						
3.00	METAL ABOVE 40 MM Road	CUM	14.00	381.35	-	381.35	1.00						
4.00	RUBBLE	CUM	14.00	381.35	-	381.35	1.00						
5.00	BRICKS	Cum	16.00	797.91	-	348.82	1.00						
	(475 bricks per Cum)												
6.00	HARD MURUM/Soft Murum	CUM	5.00	252.22	-	252.22	1.00						
7.00	Royalty	1.00	-										
8.00	Cement	MT	10.00	245.43	-	245.43	-						
9.00	Steel	MT	10.00	245.43	-	245.43	-						
				Natural		Artificial							
			QTY	RATE	AMOUNT	Rate	Amount						
1.00	C.C. M-10 for foundation & bedding	SAND	0.47	841.38	395.41	397.93	187.83						
		METAL	0.94	397.93	374.85	397.93	374.85						
							561.68						
						798.47							
2.00	P & C.U.C.R masonry	SAND	0.40	841.38	336.52	397.93	159.17						
		RUBBLE	1.25	381.35	476.69	381.35	476.69						
		Cement	1.78	-	-	-	435.86						
					813.31								

3.00	P & C B.B. masonry in plinth & S.S	SAND	0.32	841.30	269.22	397.93	127.34							
		BRICKS	0.48	360.82	171.01	360.82	171.01							
					440.22		298.35							
4.00	P & L R.C.C. (M-20) M-20	SAND	0.43	841.30	357.55	397.93	169.12							
		METAL	0.85	397.93	338.24	397.93	338.24							
					695.79		507.36							
4-A	P & L R.C.C. M-15	SAND	0.44	841.30	376.17	397.93	175.09							
		METAL	0.88	397.93	350.18	397.93	350.18							
					726.35		525.27							
5.00	P & A 25mm tk plaster	SAND	0.02	841.30	20.19									
		METAL	0.22	397.93	87.54									
					107.74									
6.00	P & A 20mm tk plaster	SAND	0.02	841.30	20.19									
					20.19									
7.00	P & F pitched shahabad for sills & dado	SAND	0.02	841.30	20.19									
					20.19									
8.00	P & C half brick wall	sand	0.04	841.30	30.29									
	120 bricks per cum	bricks	1.00	360.02	360.02									
					390.30									

ABSTRACT SHEET

BALIRAJASEVA KENDRA FARMERS PRODUCER COMPANY LIMITED

GUT NO.8/5,KHAROLA,TAL-YEVATMAL,DIST-YEVATMAL

NAME OF WORK :- PROPOSED CONSTRUCTION FOR SEED PROCESSING STORAGE UNIT WITH ANCILLARY Work at Gat No.8/5,KHAROLA,TAL-YEVATMAL ,DIST-YEVATMAL

Sub Work :- Const. of 720 MT WH Bldg.														
L.N.	DESCRIPTION OF ITEM	QTY.	UNIT	LN/ P.N	BASIC RATE	LEAD CHARGES		TS & R.A.	TOTAL	Add 0 % C Area Charges	TOTAL OF	ADD %	TOTAL OF	AMOUNT
						RATES	FOR				RATES			
						SAND	METAL				6 TO 11	CHARGE S	6 TO 14	
						HM	Bricks							
										0.000		0.0000		
											12		14	16

I.N.	DESCRIPTION OF ITEM	QTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CHARGES		TS & R.A	TOTAL	Add P %	TOTAL OF	ADD %	TOTAL OF	AMOUNT
						SAND	METAL				RATES	FOR	RATES	
						HM	Bricks			Charges	6 TO 11	CHARGE 5	6 TO 14	
										0.000		0.000		
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary	112.8764	Cum	21.02/189	207.00						207.00		207.00	23,199.21
2	Excavation for foundation in earth, soils of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5m to 3.0m) By Mechanical Means	1.00	Cum	21.04/189	258.00						258.00		258.00	258.00
3	Excavation for foundation in hard murum including removing the excavated material upto distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.50 m) By Mechanical Means	44.39	Cum	21.06/190	227.00						227.00		227.00	10,076.76
4	Excavation for foundation in Hard murum including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5 to 3.0m) By Mechanical Means	15.77	Cum	21.08/154	284.00						284.00		284.00	4,477.26
5	Excavation for foundation in hard murum and boulders including removing the excavated material up to a distance 50 metres, beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5m) By Mechanical Means	1.00	Cum	21.10/154	252.00						252.00		252.00	252.00

LN.	DESCRIPTION OF ITEM	QTY.	UNTT	LN./ P.N	BASIC RATE	LEAD CHARGES		TS & R.A	TOTAL	Add 0 %	TOTAL OF	ADD %	TOTAL OF	AMOUNT
						SAND	METAL				RATES	FOR	RATES	
						11M	Bricks				Charges	5 TO 11	5 TO 14	
											8.000	8.000		
17	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel) with fully automatic micro processor based PLC without SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grains)	3.00	Cum	25.70/182	11,932.00	507.36					(126.00)	14,313.36	14,313.36	42,948.05
18	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete. With fine	4.30	Cum	25.70/182	11,932.00	507.36					(126.00)	14,313.36	14,313.36	61,547.45
19	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in super structure including striking joints,raking out joints,watering and scaffolding etc.Complete	20.00	Cum	24.16/177	6,359.00	298.35						6,657.35	6,657.35	133,147.80
20	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 1Kilogramper 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.	277.31	Sqm	32.11/209	639.00	20.19						659.19	659.19	182,806.57
21	Providing internal cement plaster 12 mm thick in Single coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc complete.	256.81	Sqm	32.04/209	278.00	20.19						298.19	298.19	76,578.77
22	Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 with cement finish, to concrete, brick surface, in all positions including scaffolding and curing etc complete.	80.05	Sqm	32.04/209 /32.21/210	350.00	20.19						370.19	370.19	29,632.33
23	Providing and applying white-wash in two coats on old / new plastered or masonry surfaces and asbestos cement sheets including scaffolding and preparing the surface by brushing and hrowning down etc. complete.	188.80	Sqm	36.03/227	12.00							12.00	12.00	2,265.54
24	Providing and applying two coats of exterior acrylic emulsion paint conforming to corresponding I.S. of approved manufacture and of approved colour to the plastered surfaces including cleaning ,preparing the plaster surface, applying primer coat ,scaffolding if necessary , and watering the surface for two days etc complete.	296.95	Sqm	35.25/225	261.00							261.00	261.00	77,502.91
25	Providing and applying two coats (exterior quality) of flat oil paint of approved colour and shade to the plastered surface in buildings and workshops including scaffolding if necessary, cleaning the surface and preparing surface etc. complete (excluding primer coat)	15.84	Sqm	35.11/224	88.00							88.00	88.00	1,393.92
26	Providing and fixing rulling 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. 6248/1979) (Without mechanical gear)	11.00	Sqm	39.24/248	4,829.00							4,829.00	4,829.00	53,119.00
27	Providing and fixing mildsteel grill work for windows,ventilators etc. 20Kilogram/Square Metre as per drawing including fixtures,necessary welding and painting with one coat of anticorrosive paint and two coats of oil painting complete.	21.75	Sqm	40.01/264	2,097.00							2,097.00	2,097.00	45,609.75
28	Filling in plinth with approved excavated stuff obtained from departmental land including watering, compacting etc. complete as directed (Bd. A. 10/262)	79.14	Cum	21.36/157	128.00							128.00	128.00	9,496.80
29	Providing Hard Murum cohesive non-swelling materials in plinth in layers of 20 cms etc. complete as directed. (Only compacted thickness is payable (Bd.23/202 & Bd.28/205)	233.84	Cum	RA	568.00							568.00	568.00	132,818.73
30	Compacting the Hard Murum, cohesive non swelling materials in plinth upto 200 mm below with power roller 8 to 10 tones capacity including artificial watering etc. complete as directed (Bd.38/210)	858.31	Sqm	2.31/25	21.00							21.00	21.00	17,856.55

LN.	DESCRIPTION OF ITEM	QTY.	UNIT	LN./ P.N	BASIC RATE	LEAD CHARGES		TS & R.A.	TOTAL	ADD % C Area	TOTAL OF	ADD %	TOTAL OF	AMOUNT	
						SAND	METAL				RATES	FOR	RATES		
						HM	Bricks			Charge	4 TO 11	CHARGE	4 TO 14		
31	Providing & laying stone metal layer of 20 cm thickness with 60 mm over size metal 65% and 40 mm size metal 35% with sand or stone chips spreading & leveling handpacking complete. [Rd.23/201, Rd.20/200 & Rd.20/205]	115.00	Cum	RA	1,196.00						1,196.00		1,196.00	137,540.00	
32	Compacting oversize & size metal layers combinedly with power roller not less than 8 tonnes including artificial watering & leveling etc. complete as directed (Rd.35/209)	426.00	Sqm	MR	895.00						895.00		895.00	342,198.00	
33	Providing and laying in situ cement concrete M20 with tremix treatment for 100 mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessary refilling with bitumen and including vacuum dewatering etc. complete.	395.70	Sqm	33.30/214	796.00					(136.80)	676.00		676.00	266,119.00	
34	Providing treatment of TREMIX vacuum dewatering over precast cement concrete 1:2:4 surface including fixing of M.S.Channel formwork as per required size and placing of dowel rod, vibrating the concrete by needle vibrator and leveling by	1.00	Sqm	RA	50.00						50.00		50.00	50.00	
35	Providing & fixing ISMC 150 with weight @ 16.80 Kgs/Rmt 20 mm dia & 0.50 m long bolts & nuts @ 1.00 m/c, M.S. angles for stands of fire bucket including chain fixing in wall applying three coats of oilpaint etc. compl	0.54	MT	23.01/173	181,844.00						181,844.00		181,844.00	98,019.13	



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Director



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LN.	DESCRIPTION OF ITEM	QTY.	UNIT	LN/ P.N	BASIC RATE	LEAD CHARGES		TS &	TOTAL	ADD %	TOTAL OF	ADD %	TOTAL OF	AMOUNT
						RATES	CHARGE				RATES			
						SAND	METAL	R.A.		C Area	6 TO 11	6 TO 14		
						HM	Bricks			Charge	6 TO 11	6 TO 14		
										8.888		8.888		
36	Providing and fixing lightning conductor system comprising of erecting Air-Termination consisting of tubular copperrod of 25 mm dia.1.2 mm thick with multiple point shod 1.2m long (Heavy Duty) welder clamped to G.I pipe pole B grade 50 mm dia of required length with M.S round base plate 25 Cm diamand 10mm thick at bottom embedded in cement concrete 1:3:6 d foundation of size 45 cm diam x 45cm Height and providing earth ing with copper earth plate of size60x60x0.3cm with cadmiumpl at ed not bolt into fixe arthing strip buried inspecially prepared earth pit1.5metre below ground level with 40 Kilogram charcoal and salt with alternate layers of charcoal and salt and G.I pipe 40 mm dia2meter length buried inearthe up to earthing plateremaining portion above ground level farwatering and refilling: oncrete Nore-Copper strip ifopmlighting conductor is not considered in this item.	1.00	Nos	44.18/295	25,784.00						25,784.00		25,784.00	25,784.00
37	Conveying the materials obtained from excavation including all lifts, laying in layers, breaking clods, dressing to the required lines, curves, grades and section for a lead over 50m to 300m from the site of excavation to the site of dep	5.00	Cum	2.25/24	195.00						195.00		195.00	975.00
38	Providing pre-construction Anti-termit treatment as per I.S. 6313 (Part-II) - 1973 by treating the top surface of plinth filling at the rate of 5 litres of emulsion concentrates of 0.5 percent of Hephaclove per square meter of surface	1.00	sq m	21.34/156	108.00						108.00		108.00	108.00
39	Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with powder coating as per detailed drawing and specifications including aluminium frames 80 x 38 mm x 1.22 mm box type, 5 mm thick sheet glass louvers, of approved quality etc. complete.	21.75	sq m	39.68/259	3,467.00						3,467.00		3,467.00	75,487.25
1	PEB Structure Above Plinth PEB Structure - providing & erecting PEB structure with Zincalume sheets etc. complete.	406.00	Sq.M	MR	6,000.00						6,000.00		6,000.00	2,436,000.00
2	Turbo ventilator 24"	8.00	Nos	42 /529	9,702.00						9,702.00		9,702.00	77,616.00
TOTAL FOR W.H.BLDG														6,238,162.52



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