

OFFICE OF THE CHIEF DISTRICT AGRICULTURE OFFICER, DHENKANAL

Letter No. 4972 Dt. 13/9/23

Quotation Call Notice

Sealed quotations are invited from intending parties for installation of five iron hoardings of size (20ft*10ft), 2 in Dhenkanal Sadar and 3 in Odapada blocks under the "Crop Diversification Programme under Mega Lift Irrigation Projects (CDP-MLIP)" for the year 2023-24. The party should have ample experience in doing such things. The detail specifications and other terms and conditions are enclosed herewith. Further the parties are requested to quote the cost of 5nos of flex banner of super quality type size of 20'*10' each including fixing cost in the above frame. Interested parties may submit their quotations in persons/ post at the office of the Chief District Agriculture Officer, Dhenkanal on every working day between 10 A.M. to 5 P.M. by 21st September 2023. The quotation will be opened on 22nd September 2023 at 3 P.M. in the presence of quotationer in the office of the Chief District Agriculture Officer, Dhenkanal.

The authority reserves the right to cancel the quotation at any time without assigning any reason thereof.

To know further details, please visit the Dhenkanal district NIC website (<https://dhenkanal.nic.in/>).

Sd/- (D.K.Routray)

**Chief District Agriculture Officer,
Dhenkanal**





DEPARTMENT OF AGRICULTURE AND FARMERS EMPOWERMENT

MODEL ESTIMATE

**CONSTRUCTION OF STRUCTURE FOR
HOARDING SIZE (20' x 10')**

**Estimated Cost: - Rs.50,000.00
(Rupees Fifty Thousand) only**

**Abstract of cost for
CONSTRUCTION OF STRUCTURE FOR HOARDING (20ftx10ft)**

Sl. No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
					(Rs.)
1	Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge For foundation				
		2.54	cum	162.08	412.00
2	Filling foundation and plinth with sand watered and rammed				
		0.16	cum	320.99	51.00
3	Cement concrete (1:4:8) with 40 mm size hard granite metal				
		0.16	cum	3,631.41	581.00
4	Supplying / Providing and fixing JOIST POLE- I SECTION(150mmx75mmx5mm) steel work welded in built up sections, and framed work including cutting, hoisting, fixing Joist and truss and placing in position and applying a priming /painting coat of approved steel primer etc complete including all cost of labour, T & P, hire charges of drilling machine, etc. complete with door stopper, handle, lock & floor spring as per specification and direction of Engineer-in-charge.				
		160.53	KG	94.62	15,189.00
5	Iron work wrought and put up in trusses and record racks Supplying / Providing and fixing M S ANGLE structural steel work welded in built up sections, trusses and framed work including cutting, hoisting, fixing Joist and truss and placing in position and applying a priming coat of approved steel primer etc complete including all cost of labour, T & P, hire charges of drilling machine, etc. complete as per specification and direction of Engineer-in-charge.				
		216.44	KG	94.62	20,480.00
6	Cement concrete (1:2:4) with 12 mm size hard granite chips				
		1.50	cum	5,078.48	7,618.00
				Sub Total	Rs 44,331.00
7	Add for OGST	6%		Rs.	2,659.00
8	Add for CGST	6%		Rs.	2,660.00
9	Works Contingency	1%	L.S.	Rs.	350.00
				GRAND TOTAL	Rs. 50,000.00

(Total Rupees Fifty Thousand) Only

[Signature]
18/08/21
Asst. Executive Engineer (Agril.)
Bhubaneswar Sub-Division

[Signature]
18/08/21
Superintending Engineer (Agril.)
Central Zone, Satyanagar,
Bhubaneswar

Detailed Estimate for CONSTRUCTION OF STRUCTURE FOR HOARDING (20 ft x 10 ft)

- 1 Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m Initial lift including rough dressing and breaking clods to maximum 5cm to 7cm laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge For foundation

POLE	2 x	3.00 ft. x	3.00 ft. x	5.00 ft =	90.00	Cft.	
				Total =	90.00	Cft.	
				Net Total=	90.00	Cft.	2.540 Cum.

- 2 Filling foundation and plinth with sand watered and rammed

POLE	2 x	3.00 ft. x	3.00 ft. x	0.33 ft =	5.94	Cft.	
				Total =	5.94	Cft.	
				Net Total=	5.94	Cft.	0.160 Cum.

- 3 Cement concrete (1:4:8) with 40 mm size hard granite metal

POLE	2 x	3.00 ft. x	3.00 ft. x	0.33 ft =	5.94	Cft.	
				Total =	5.94	Cft.	
				Net Total=	5.94	Cft.	0.160 Cum.

- 4 Supplying / Providing and fixing JOIST POLE- I SECTION(150mmx75mmx5mm) steel work welded in built up sections, and framed work including cutting, hoisting, fixing Joist and truss and placing in position and applying a priming /painting coat of approved steel primer etc complete including all cost of labour, T & P, hire charges of drilling machine, etc. complete with door stoper, handle, lock & floor spring as per specification and direction of Engineer-in-charge.

JOIST POLE		2 x		19.00 ft =	38.00	ft	
Add waistaige	5%				1.90	ft	
				Net =	39.90	ft	
		12.162 m		@	13.20	kg/m	160.530 KG

Iron work wrought and put up in trusses and record racks
 Supplying / Providing and fixing M S ANGLE structural steel
 work welded in built up sections, trusses and framed work
 including cutting, hoisting, fixing Joist and truss and placing
 in position and applying a priming coat of approved steel
 primer etc complete including all cost of labour, T & P, hire
 charges of drilling machine, etc. complete as per
 specification and direction of Engineer-in-charge.

FRAME for hording	horizontal	4 x	20.00 ft =	80.00	rf		
	vertical	5 x	10.00 ft =	50.00	rf		
	Angular	4 x	12.00 ft =	48.00	rf		
					178.00	rf	
	Waistage	0.050			8.90	rf	
			Total	186.90	rf		
				56.96	m		
			@	3.8	kg/m	216.44 KG	

6 Cement concrete (1:2:4) with 12 mm size hard granite chips

POLE	2 x	3.00 ft. x	3.00 ft. x	2.16 ft =	38.88	Cft.	
	2 x	1.83 ft. x	1.83 ft. x	2.16 ft =	14.46	Cft.	
				Total =	53.34	Cft.	
				Net Total=	53.34	Cft.	1.500 Cum.

[Signature]
 18/08/21
 Superintending Engineer (Agril.)
 Central Zone, Satyanagar,
 Bhubaneswar

[Signature]
 18/08/21
 Asst. Executive Engineer (Agril.)
 Bhubaneswar Sub-Division

ANALYSIS OF RATE - 2021

(With revised POST GST SR 2014 w.e.f 10.11.2014 Labour 30.10.18 VDA effective from-1.4.21 Royalty 14.12.2016) LEAD

STATEMENT

Bhubaneswar

Name of Area

3330.811

Sl. No.		Name of Building Materials	Unit	Name of Quarry	LEAD (in Km.)	Carraige	Basic rate of Materials	Carriage + Basic Rate	Royalty effective from 14.12.16	Total	Carriage+ Royalty
1	131(b)	Cement 5/2021	Qntl.	Local	5	5.50	521.29	526.79		526.79	5.50
2	133(b)	Steel 6/2021	Qntl.	Local	5	0.00	61206.78	61206.78		61206.78	0.00
3	18	Sand for Mortar	Cum	Daya	11	202.47	46.67	249.14	35.00	284.14	237.47
4	19	Sand for Filling	Cum	Daya	11	202.47	41.90	244.37	35.00	279.37	237.47
5	3	K.B.Brick	1000 Nos.	Harirajpur	12	622.31	4638.30	5260.61	0.00	5260.61	622.31
6	7	Fly Ash Brick (25x 12x 8 cm)	1000 Nos.	Patia	15	681.74	3914.89	4596.63	0.00	4596.63	681.74
7		Fly Ash Brick (23x 11x 8 cm)	1000 Nos.	Patia	15	545.39	3787.23	4332.62	0.00	4332.62	545.39
8	10	Brick Khon	Cum	Harirajpur	12	211.27	322.55	533.82	0.00	533.82	211.27
9	15	Moorum	Cum	Local	17	255.27	45.71	300.98	35.00	335.98	290.27
10	55	Laterite Stone (Rough Dressed)	Cum	Patrapada	17	255.27	544.76	800.03	180.00	980.03	435.27
11	50	Soling stone other than granite (40 to 90 mm)	Cum	Patrapada	17	255.27	181.90	437.17	180.00	617.17	435.27
12	45	Soling stone boulder granite (15 cm & above)	Cum	Patrapada	17	255.27	141.90	397.17	180.00	577.17	435.27
13	51	IRC Grade-I Metal	Cum	Tapanga	43	484.07	597.14	1081.21	130.00	1211.21	614.07
14	52	IRC Grade-II Metal	Cum	Tapanga	43	484.07	661.90	1145.97	130.00	1275.97	614.07
15	53	IRC Grade-III Metal	Cum	Tapanga	43	484.07	704.76	1188.83	130.00	1318.83	614.07
16	29(a)	50 mm size C B H G Metal	Cum	Tapanga	43	484.07	619.05	1103.12	130.00	1233.12	614.07
17	31(a)	40 mm size C B H G Metal	Cum	Tapanga	43	484.07	706.67	1190.74	130.00	1320.74	614.07
18		26.5mm size C B H G Metal	Cum	Tapanga	43	484.07	758.10	1242.17	130.00	1372.17	614.07
19	33(a)	25 mm size C B H G Metal	Cum	Tapanga	43	484.07	770.48	1254.55	130.00	1384.55	614.07
20		22.4 mm size C B H G Metal	Cum	Tapanga	43	484.07	789.52	1273.59	130.00	1403.59	614.07
21	35(a)	20 mm size C B H G Chips	Cum	Tapanga	43	484.07	1007.62	1491.69	130.00	1621.69	614.07
22		13.2 mm size C B H G Chips	Cum	Tapanga	43	484.07	1024.76	1508.83	130.00	1638.83	614.07
23	37(a)	12 mm size C B H G Chips	Cum	Tapanga	43	484.07	1047.62	1531.69	130.00	1661.69	614.07
		11.2 mm size C B H G Chips	Cum	Tapanga	43	484.07	1049.52	1533.59	130.00	1663.59	614.07
24	39(a)	10 mm size C B H G Chips	Cum	Tapanga	43	484.07	1066.67	1550.74	130.00	1680.74	614.07
25	40	6 mm size C B H G Chips	Cum	Tapanga	43	484.07	704.76	1188.83	130.00	1318.83	614.07
26		Granite Stone broken Chips 6.7 mm size	Cum	Tapanga	43	484.07	704.76	1188.83	130.00	1318.83	614.07
27		2.36mm size C B H G Chips	Cum	Tapanga	43	484.07	628.57	1112.64	130.00	1242.64	614.07
28		4.75mm size C B H G Chips	Cum	Tapanga	43	484.07	638.10	1122.17	130.00	1252.17	614.07
29	16	Quarry rubbish Screened	Cum	Tapanga	43	484.07	76.19	560.26	35.00	595.26	519.07
30	29(b)	50 mm size H B H G Metal	Cum	Tapanga	43	484.07	493.33	977.40	130.00	1107.40	614.07
31	31(b)	40 mm size H B H G Metal	Cum	Tapanga	43	484.07	564.76	1048.83	130.00	1178.83	614.07
32	33(b)	25 mm size H B H G Metal	Cum	Tapanga	43	484.07	585.71	1069.78	130.00	1199.78	614.07
33	35(b)	20 mm size H B H G Hhips	Cum	Tapanga	43	484.07	763.81	1247.88	130.00	1377.88	614.07
34	37(b)	12 mm size H B H G Hhips	Cum	Tapanga	43	484.07	811.43	1295.50	130.00	1425.50	614.07
35	39(b)	10 mm size H B H G Hhips	Cum	Tapanga	43	484.07	838.10	1322.17	130.00	1452.17	614.07
36		Maxphalt (OSICL) 60/70	Qntl.	Haladia							
37		Maxphalt (OSICL) 80/100	Qntl.	Haladia							
38		Emulsion (M/S) M / S	Qntl.	Haladia							
37		Hallow Brick	300Nos		10	1165.37	20.47	1185.84	0.00	1185.84	1165.37
38		White Cement	Qntl.	Local	5	16.17	0.00	16.17	0.00	16.17	16.17

Certified that the lead provided are minimum and correct to the best of my knowledge

(Signature)
12/8/21

**Asst. Executive Engineer (Agril.)
Bhubaneswar Sub-Division**

Analaysis of Rates

1			
Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge (per 100 Cum.)			
Man mulia	21.5 No. @	Rs 311.00 Per day	6686.50
Female Mul	21.5 No. @	Rs 311.00 Per day	6686.50
Add Overhe	7.50%		0.00
Add Contra.	7.50%		0.00
			<u>0.00</u>
		A	Rs. <u>13373.00</u> per 100 cum
Add Cess	1%		<u>133.73</u>
			<u>13506.73</u> per 100 cum
		Add 20% extra For Foundation Rs.	<u>2674.60</u> A
			Rs. <u>16047.60</u> per 100 cum
Add Cess	1%		<u>160.48</u>
			16208.08 per 100 cum
2			
Filling foundation and plinth with sand watered and rammed (per Cum.)			
Female Mul	12.36 No. @	Rs 311.00 Per day	3843.96
Sand	100 Cum @	Rs 41.90 Cum	4190.00
Add Overhe	7.50%		0.00
Add Contra.	7.50%		0.00
			<u>8033.96</u> per 100 cum
		Rate per Cum	Rs <u>80.34</u>
		Add Carriage Royalty of Sand Rs.	<u>237.47</u> Per cum
			Rs. <u>317.81</u> Per cum
Add Cess	1%		<u>3.18</u>
			320.99 Per cum
3			
Cement concrete (1:4:8) with 40 mm size hard granite metal (per Cum)			
Granite met:	0.96 Cum @	Rs. 706.67 Per Cum.	Rs. 678.40
Sand	0.48 Cum @	Rs. 46.67 Per Cum.	Rs. 22.40
Cement	1.72 Qntl @	Rs. 521.29 Per Qntl.	Rs. 896.62
Mason 2 nd	0.18 No. @	Rs. 401.00 Per day	Rs. 72.18
Man mulia	1.8 No. @	Rs. 311.00 Per day	Rs. 559.80
Female Mul	1.4 No. @	Rs. 311.00 Per day	Rs. 435.40
Man mulia 1	0.7 No. @	Rs. 311.00 Per day	Rs. 217.70
Add Overhe	7.50%		Rs. 0.00
Add Contra.	7.50%		<u>0.00</u>
			Rs. <u>2882.50</u> per cum
Royalty & Carriage			
Granite met:	0.96 Cum @	Rs. 614.07 Per Cum.	589.51
Sand	0.48 Cum @	Rs. 237.47 Per Cum.	113.99
Cement	1.72 Cum @	Rs. 5.50 Per Qntl.	9.46
			3595.46
			<u>35.95</u>
Add Cess	1%		3631.41 per cum

Cement concrete (1:2:4) with 12 mm size hard granite chips (per Cum)				
Granite chip	0.9 Cum @ Rs.	1047.62 Per Cum.		Rs. 942.86
Sand	0.45 Cum @ Rs.	46.67 Per Cum.		Rs. 21.00
Cement	3.23 Qntl @ Rs.	521.29 Per Qntl.		Rs. 1683.77
Mason 2 nd	0.68 No. @ Rs.	401.00 Per day		Rs. 272.68
Man mulia	1.8 No. @ Rs.	311.00 Per day		Rs. 559.80
Female Mul	1.4 No. @ Rs.	311.00 Per day		Rs. 435.40
Man mulia f	1.4 No. @ Rs.	311.00 Per day		Rs. 435.40
Add Overhe	7.50%			Rs. 0.00
Add Contra.	7.50%			Rs. 0.00
				Rs. 4350.91 per cum

Royalty & Carriage				
Granite met:	0.9 Cum @ Rs.	614.07 Per Cum.		552.66
Sand	0.45 Cum @ Rs.	237.47 Per Cum.		106.86
Cement	3.23 Cum @ Rs.	5.50 Per Qntl.		17.77
				5028.20
				50.28
Add Cess	1%			5078.48 per cum

- 5 Iron work wrought and put up in trusses and record racks Supplying / Providing and fixing JOIST POLE /M S ANGLE structural steel work welded in built up sections, trusses and framed work including cutting, hoisting, fixing Joist and truss and placing in position and applying a priming coat of approved steel primer etc complete including all cost of labour, T & P, hire charges of drilling machine, etc. complete as per specification and direction of Engineer-in-charge.

A/R P-224 ITEM - 3

Data for 0.508 Qtl

MATERIALS

JOIST /M
S ANGLE
including

5%waistag
e

0.53 qtl	Each	5100.00	Rs	2703
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LABOUR

Black smith	1.25 Nos	Each	401.00	Rs	501.25
Fitter (2nd c	1.00 Nos	Each	401.00	Rs	401.00
Helper to bl	1.00 Nos	Each	351.00	Rs	351.00
Man mulia	2.50 Nos	Each	311.00	Rs	777.50
					4733.75

OHC & Contractor's Profit 15%

Carriage at	0.53 qtl	Each	16.17	Rs	0.00
				Rs	8.57

TOTAL

				Rs	4742.32
Rate per Qtl				Rs	9335.28 /Qtl

Rate per kg

Add 1% labour cess					93.35
					1.27

Rate per kg

TOTAL 94.62 /KG

- 6 Hoisting Joist & Trusses and placing in position

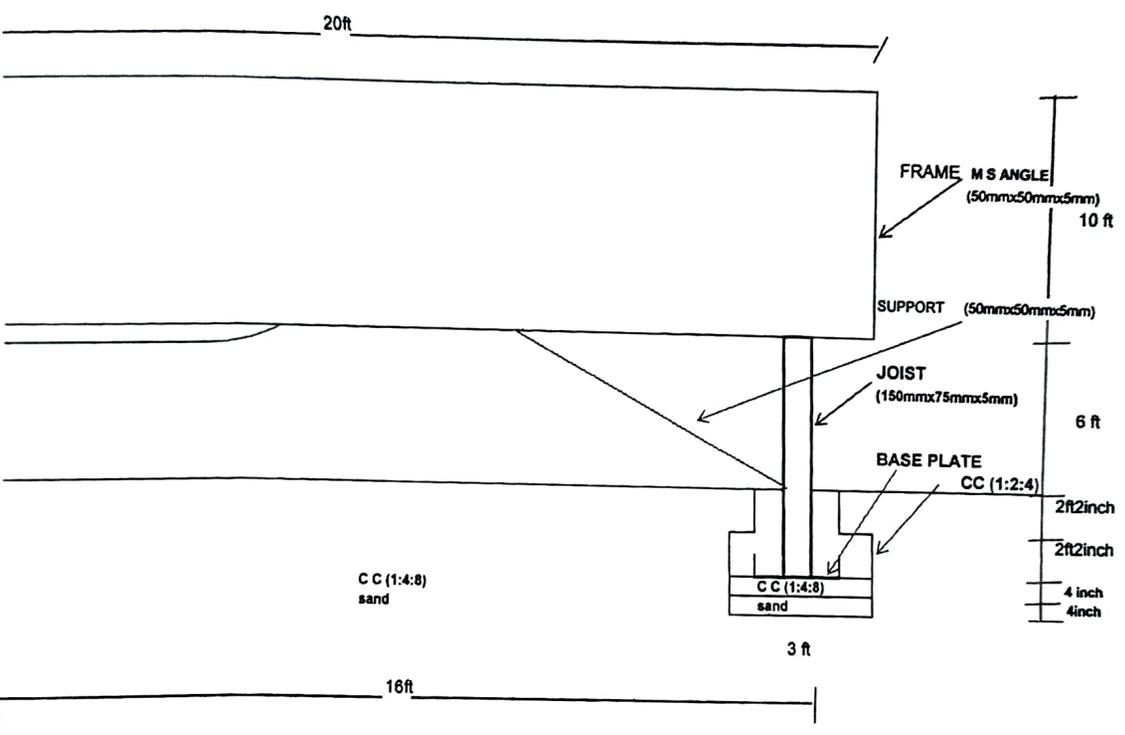
Data for
0.508

Qntl.

Sangi Mulia	0.25 No. @ Rs.	351.00 Per day	Rs.	87.75
Sangi Mulia	0.75 No. @ Rs.	351.00 Per day	Rs.	263.25
Man Mulia	0.17 No. @ Rs.	311.00 Per day	Rs.	52.87
Add Overhe	7.50%		Rs.	30.29
Add Contra.	7.50%		Rs.	30.29
			Rs.	464.45
			Rs.	914.27 per Qntl

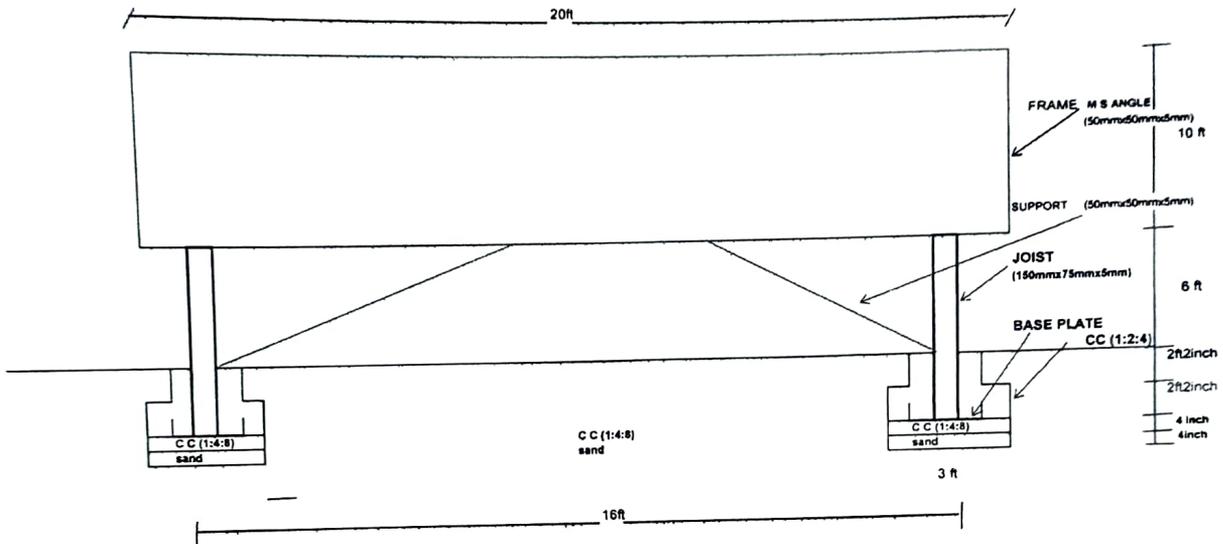
Rate per qntl 464.45
0.508

Add Cess	1%		Rs	9.14
			Rs	923.42



Solo
18/08/21

Superintending Engineer (Agril.)
Central Zone, Satyanagar,
Bhubaneswar



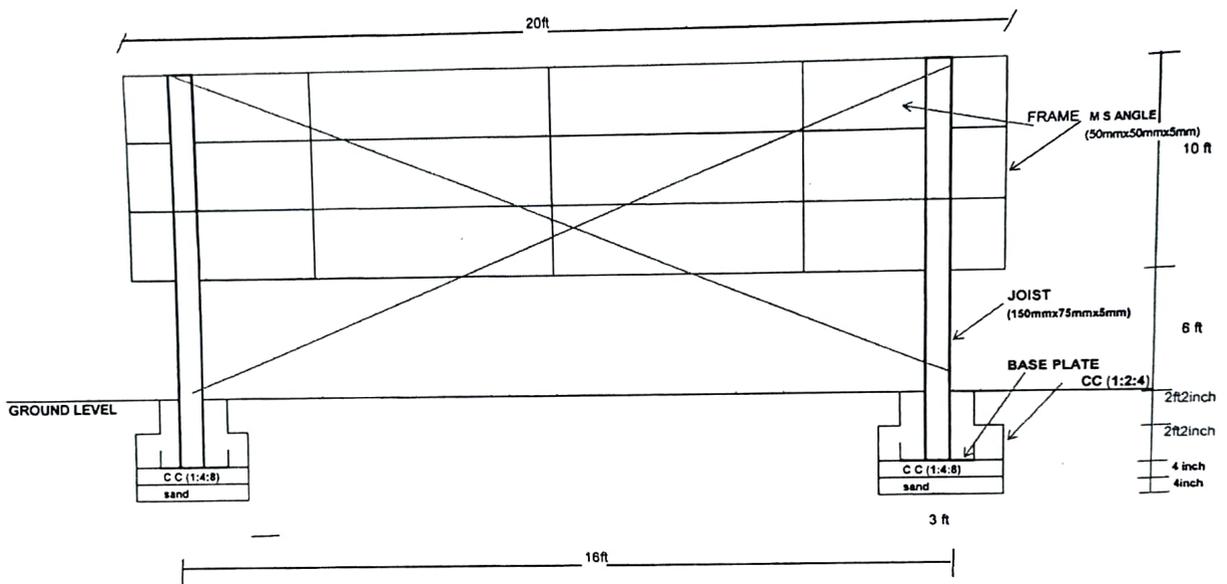
FRONT VIEW
CONSTRUCTION OF STRUCTURE FOR HOARDING (20ftx10ft)

M. D. S.
18/08/21

Asst. Executive Engineer (Agril.)
Bhubaneswar Sub-Division

g. k. s.
18/08/21

Superintending Engineer (Agril.)
Central Zone, Satyanagar,
Bhubaneswar



BACK SIDE VIEW
CONSTRUCTION OF STRUCTURE FOR HOARDING (20ftx10ft)

[Signature]
18/08/21
Asst. Executive Engineer (Agril.)
Bhubaneswar Sub-Division

[Signature]
18/08/21
Superintending Engineer (Agril.)
Central Zone, Satyanagar,
Bhubaneswar



ବୃହତ ଉଠାଜଳସେଚନ ଅଞ୍ଚଳରେ ଫସଲ ବିବିଧିକରଣ ଯୋଜନା

**ଖରିଫ ଋତୁରେ ଉଚ୍ଚ/ମଧ୍ୟ ଧାନ ଜମିରେ ଧାନ ପରିବର୍ତ୍ତେ
ଅଣଧାନ ଫସଲ କରୁଥିବା ଚାଷୀମାନଙ୍କ ପାଇଁ ପ୍ରୋତ୍ସାହନ**

-  ଚାଷୀମାନଙ୍କୁ ୩ ବର୍ଷ ପର୍ଯ୍ୟନ୍ତ କବିଟି (DBT) ମାଧ୍ୟମରେ ସହାୟତା ରାଶି ପ୍ରଦାନ
-  ଉନ୍ନତ ଚାଷ କୌଶଳ ପାଇଁ ଚାଷୀମାନଙ୍କର ଦକ୍ଷତା ବୃଦ୍ଧି ଓ ପରିଚ୍ଛମଣ କାର୍ଯ୍ୟକ୍ରମ
-  କୃଷକ ଉତ୍ପାଦନକାରୀ ସଂଘ (FPO) ଗଠନ
-  ଅଣଧାନ ଉତ୍ପାଦକୁ ବଜାର ସହ ସଂଯୋଗ



“ ଆମ ସରକାର କୃଷକମାନଙ୍କର
ସର୍ବାଙ୍ଗୀନ ବିକାଶ ନିମନ୍ତେ ସର୍ବଦା ଚେତୁର ”

ବୃକ୍ଷ ଓ ବୃକ୍ଷର ସଂଗଠିତତା ବିଭାଗ, ଓଡ଼ିଶା