

ESTIMATE OF DISPLAY BOARD

SL NO	DESCRIPTION OF ITEM	NO	LENGTH	BREADTH	HEIGHT	Quantity	TOTAL	UNIT	LABOUR			MATERIAL						
			Metre	Metre	Metre		Quantity		USK	SSK	SK	CEM	Bricks	S. Sand	SAND	CHIPS		
1	Earth work in excavation of foundation trenches orderings in all sorts of soils (including mixed soil but excluding latente or sand stone) i/e removing, spreading or stacking the spoils within a lead of 75m. as directed. The item includes necessary trimming the side of trenches leveling dressing and ramming the bottom bailing out water etc as required complete a)Depth of excavation not exceeding 1500 mm.(Ref. page no 1), Item-2(a) (a)Depth of excavation not exceeding 1500 mm foundation	1	1.2	0.475	0.4	0.23	0.23	m3										
	Labour Lead upto 80 ft & lift upto 5 ft Per Mandays = 62 cft. = 62 cft so $(0.23 \times 35.315)/62$ (1cum=35.315cft) =0.13 nos					<u>0.23</u>												
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water ramming complete including the cost of supply of sand . (payment to be made on measurment of finished quantity) Ref. page no 5), Item-4(a)	1	1.2	0.475	0.1	0.06	0.06	m3										
	Labour USK 1 PER 4.6 m3 SAND so USK required $(0.06/4.6)=0.01$ nos					<u>0.06</u>									0.06			
3	Earth work in filling in foundation trenches or plinth with good earth , in layers not exceeding 150 mm.including watering and ramming etc.layer by layer complete.(Payment to be made on the basis of measurement of finished quantity of work) a)With earth obtained from excavation of foundation. Ref. page no 3), Item-3(a)					0.076	0.076	m3										
	1/3*0.23 =0.076 Labour USK 1 PER 3.1 m3 so USK required $(0.076/3.1)=0.025$ nos					<u>0.076</u>												
4	Cement concrete with graded stone ballast (40mm size) excluding shuttering in all floor. i) 6:3:1 proportion. (Ref. page no-59, item-10(a))	1	1.2	0.475	0.075	0.043	0.043	m3										
	foundation Labour Per2.0 m3 USK=3 nos & SK=2 nos so USK required = $(0.043/2) \times 3 = 0.04$ nos SK required = $(0.043/2) \times 2 = 0.064$ nos Material As stone chips 0.94m3/m3 stone chips required= (0.94×0.043) = 0.04m3 As sand 0.47m3/m3 Sand required = (0.47×0.043) = 0.02 m3 As cement 0.156m3/m3 cement required = (0.156×0.043) = $(0.0067 \text{ m}^3/0.035)$ ba 0.3429 = 0.19bags					<u>0.043</u>												0.04 m3
										0.04 nos		0.0641 nos						0.02 m3
																		0.19

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5	Brick work with 1st class bricks in cement mortar (6:1) in foundation & plinth (Ref. page no-69, item-22(a)) (a)375 mm thick brick work	1	1.125	0.375	0.15	0.063	0.120	m3	0.171 nos	0.0854 nos	46.5	0.19 bags	0.04 m3			
		1	1	0.25	0.225	0.056										
		<u>Labour</u>														
		Per 1.4 m3 USK=2 nos & SK=1 nos so USK required = $(0.12/1.4) \times 2 = 0.171$ SK required = $(0.12/1.4) = 0.085$ nos														
		<u>Material</u>														
		As brick 389 nos per m3 Brick required = $(0.12 \times 389) = 46.5$ nos As sand 0.33 m3 per m3 Sand Required = $(0.12 \times 0.33) = 0.04$ m3 As cement 0.055 m3 per m3 Cement required = $(0.12 \times 0.055) = 0.19$ bags														
6	125mm thick Brick work with 1st class bricks in cement mortar (4:1) in Super Structure. (Ref. page no-69, item-22(a)) (a)125 mm thick brick work	1	0.9		1.213	1.091	1.091	m2	0.182 nos	0.1364 nos	54	0.28 bags	0.04 m3			
		<u>Labour</u>														
		Per 24.0 m2 USK=4 nos & SK=3 nos so USK required = $(1.091/24) \times 4 = 0.182$ SK required = $(1.091/24) \times 3 = 0.1364$														
		<u>Material</u>														
		As brick 4951 nos per 100 m2 Brick required = $(49.51 \times 1.091) = 54$ nos As sand 3.66 m3 per 100 m2 Sand Required = $(.0366 \times 1.091) = 0.04$ As cement 0.914 m3 per 100 m2 Cement required = $(.00914 \times 1.091) = (0.0132 \text{ m3} / 0.035) = 0.28$ bags														

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7	Plaster (to inside wall, floor etc) with sand and cement mortar (1:6) i/e rounding off or chamfering corners and directed and racking out joints of roughening of concrete surface i/e throating, nosing and drip course where necessary.(20 mm thick) (All floors.) inner side Superstructure Above to P.L.	1 1	2.500 2.050		0.225 1.3	0.563 2.665	3.228	m2										
	Labour Per 36.0 m2 USK=3 nos & SK=5nos so USK required = (3.228/36)x3 = 0.27 SK required = (3.228/36)x5= 0.45 nos								0.27 nos		0.45 nos							
	Material As cement 0.4 m3 per 100 m2 Cement required = (3.228/100)x0.4 =(0.019 m3/0.035) bags = 0.37 bags As sand 2.4 m3 per 100 m2 Sand Required = (3.228/100)x2.4 0.08											0.37 bags					0.08 m3	

0.70 0.73 1.03 101 0.06 0.16 0.04
180 360 368 8.8 350 550 2450

126.2 0 264.3 380 885 19.95 86.3 98.45

Total Amount

1859.67

PAINTING CHARGES @ Rs 25.00 PER Sft FOR 15 Sft.

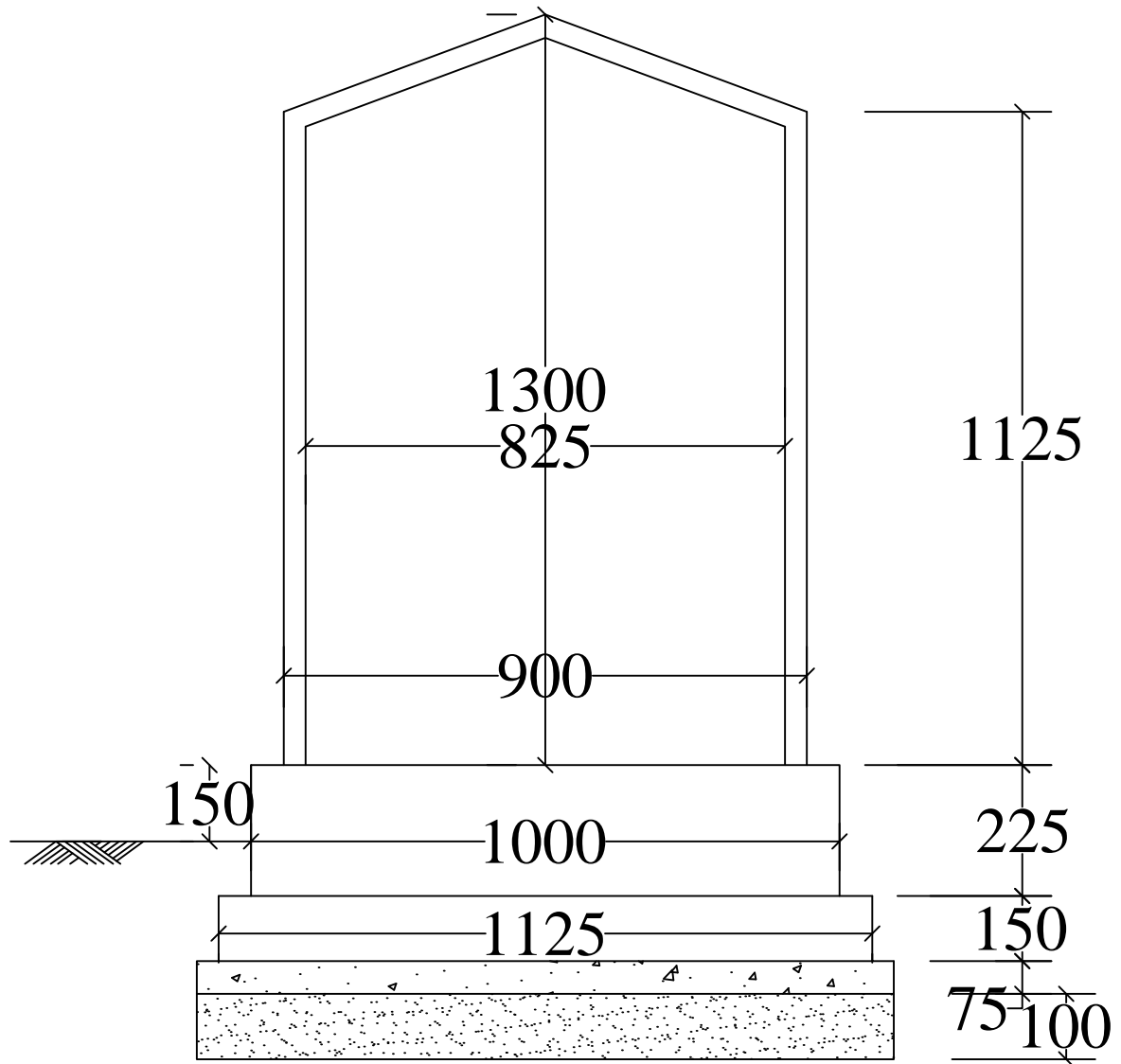
375

Total cost for making a Display board

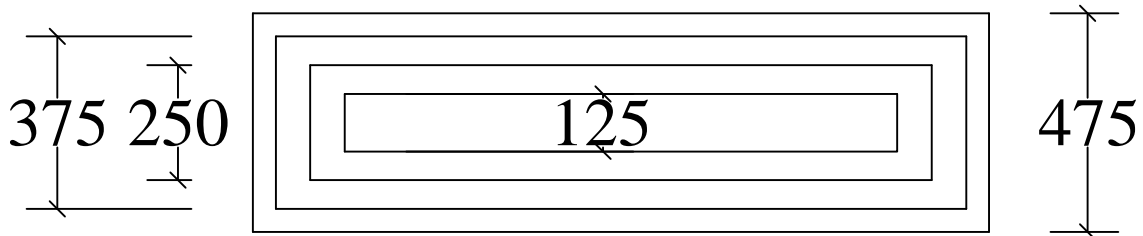
2234.67

Say Rs.- 2300.00 per Boad.

**MODEL DRAWING OF MGNREGA
ALL IBS (EXCEPT IBS HORTICULTURE)
DISPLAY BOARD**



1200
ELEVATION OF DISPLAY BOARD



PLAN OF DISPLAY BOARD

ALL DIMENSION ARE IN MM