

Detailed Estimate

OD/345/3291/115900/419930/00104742 : CONSTRUCTION OF CULTURAL CENTRE AT MADHYAM PADA BURDA
Block : Loisinga, Gram Panchayat : Burda
Created By:Kedarnath Meher

1. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Periphery wall	1.000	130.000	1.250	0.200	0.030	0.975	-
ii	inside	1.000	130.000	14.500	0.250	0.030	14.138	-
Total Quantity							15.1125 cum (cum)	15.1125 Cum (Cubic Meter)
Amount							15.1125 X 525.607232	7943.24
2. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum								
Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	INSIDE AREA	1.000	130.000	14.500	0.250	0.030	14.138	-
Total Quantity							14.1375 cum (cum)	14.1375 Cum (Cubic Meter)
Amount							14.1375 X 6491.54134862	91774.17
3. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth								
Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	periphery wall	1.000	130.000	0.830	1.250	0.030	4.046	-
ii	middle	6.000	14.500	0.830	1.000	0.030	2.166	-

Total Quantity	6.21255 cum (cum)	6.21255 Cum (Cubic Meter)
Amount	6.21255 X 4921.976073168	30578.02

4. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	PEIPHERY WALL	1.000	130.000	1.250	1.250	0.030	6.094	-
ii	MIDDLE	6.000	14.500	1.250	1.000	0.030	3.263	-
Total Quantity					9.35625 cum (cum)		9.35625 Cum (Cubic Meter)	
Amount					9.35625 X 240.77592		2252.76	

5. Painting (AR0918hk) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance).

Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	BACK WALL	1.000	130.000	8.000	0.000	0.093	96.616	-
Total Quantity					96.616 Sqm (Sqm)		96.616 Sqm (Square Meter)	
Amount					96.616 X 163.146528363		15762.56	

6. Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks

Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	POST	5.000	12.000	0.305	0.000	3.700	67.710	-
ii	RAFTER	5.000	15.000	0.305	0.000	4.000	91.500	-
iii	PURLIN	5.000	43.000	0.305	0.000	2.920	191.479	-

Total Quantity	350.689 Kg (Kilo Gram)	3.50689 Qntl (Quintal)
Amount	3.50689 X 13231.265924252	46400.59

7. Roofing (AR1132) : Supplying, feeting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties

Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	roof	1.000	43.000	16.000	0.000	0.093	63.915	-
Total Quantity					63.9152 Sqm (Sqm)		63.9152 Sqm (Square Meter)	
Amount					63.9152 X 521.83941501032		33353.47	

8. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	periphery area	1.000	130.000	1.250	0.250	0.030	1.219	-
Total Quantity					1.21875 cum (cum)		1.21875 Cum (Cubic Meter)	
Amount					1.21875 X 5032.72720826		6133.64	

9. Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor

Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	stage	1.000	24.000	22.000	0.000	0.093	49.051	-
Total Quantity					49.0512 Sqm (Sqm)		49.0512 Sqm (Square Meter)	

Amount	49.0512 X 1169.0441251888	57343.02
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Total Amount (A) : 291541.47

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.458.5	site clerance & photography	458.5
Additional Components Amount (F) : 8458.5			

Grand Total Amount (A + F) : 299999.97046285

Kedarnath Meher
JE
Loisinga Block

Sidhartha Padhi
AEE
Loisinga Block

AKHAYA PANI UDDU
BDO
Loisinga Block