

Detailed Estimate

OD/345/3295/115999/421122/00066591 : DEVELOPMENT OF RURAL HAAT AT KUMBHARI

Block : Saintala, Gram Panchayat : Kumbhari

Created By: Rajen Toppo

1. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	PINDA LW	8.000	38.750	2.000	2.000	0.000	1240.000	-
ii	PINDA SW	8.000	11.250	2.000	2.000	0.000	360.000	-
Total Quantity						1600 Cft (Cubic Foot)	45.30688 Cum (Cubic Meter)	
Amount						45.30688 X 240.77592	10908.81	
2. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	PINDA LW	8.000	38.750	2.000	0.500	0.000	310.000	-
ii	PINDA SW	8.000	11.250	2.000	0.500	0.000	90.000	-
iii	PINDA INNER FILLING	4.000	36.000	12.500	2.500	0.000	4500.000	-
Total Quantity						4900 Cft (Cubic Foot)	138.75232 Cum (Cubic Meter)	
Amount						138.75232 X 454.816332	63106.82	
3. 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	PINDA LW	8.000	38.750	2.000	0.500	0.000	310.000	-
ii	PINDA SW	8.000	11.250	2.000	0.500	0.000	90.000	-
iii	PINDA INNER	4.000	36.000	12.500	0.500	0.000	900.000	-
Total Quantity					1300 Cft (Cubic Foot)		36.81184 Cum (Cubic Meter)	
Amount					36.81184 X 5014.43696676		184590.65	

4. Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside

12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	PINDA LW	8.000	38.750	0.000	2.500	0.000	775.000	-
ii	PINDA SW	8.000	15.250	0.000	2.500	0.000	305.000	-
Total Quantity					1080 Sft (Square Foot)		100.33524 Sqm (Square Meter)	
Amount					100.33524 X 164.1159458752		16466.61	

5. 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/cm² 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i	LW	8.000	37.500	1.600	0.300	0.000	144.000	-
ii	SW	8.000	12.500	1.600	0.300	0.000	48.000	-
iii	LW	8.000	37.500	1.250	3.000	0.000	1125.000	-
iv	SW	8.000	12.750	1.250	3.000	0.000	382.500	-
Total Quantity					1699.5 Cft (Cubic Foot)		48.1244016 Cum (Cubic Meter)	
Amount					48.1244016 X 4906.189611568		236107.44	

6. Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips

2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	PINDA FLOORING	4.000	38.750	15.250	0.000	0.000	2363.750	-
Total Quantity					2363.75 Sft (Square Foot)		219.59946625 Sqm (Square Meter)	
Amount					219.59946625 X 344.2677975752		75601.02	

7. Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties

Supplying, fitting & fixing of G.C.I. Sheet (0.40mm 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	PINDI SHED	4.000	40.000	18.000	0.000	0.000	2880.000	-
Total Quantity					2880 Sft (Square Foot)		267.56064 Sqm (Square Meter)	
Amount					267.56064 X 537.51755491832		143818.54	

8. Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer

Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	PINDI	4.000	51.500	2.500	0.000	0.000	515.000	-
Total Quantity					515 Sft (Square Foot)		47.845045 Sqm (Square Meter)	
Amount					47.845045 X 160.72822700355		7690.05	

9. 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	FABRICATION & PLACING OF STUCTURAL STEEL FOR TRUSSES,PURLIN	1.000	1824.000	0.000	0.000	0.000	1824.000	-
Total Quantity					1824 Kg (Kilo Gram)		18.24 Qntl (Quintal)	
Amount					18.24 X 13219.257024252		241119.25	
Total Amount							979409.19	

Addition

Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							9794.09	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							5796.00	
Provision for survey investigation and quality control (+) @								

Total Addition	20590.09
Grand Net Total Amount	999999.29

Rajen Toppo
JE
Saintala Block

Santosh Behera
AEE
Saintala Block

PURUSOTTAM MIRDHA
BDO
Saintala Block