

Detailed Estimate

OD/356/3397/118329/401802/00071587 : Construction of Bathing ghat & changing room at jena sahi river side
Block : Dharmasala, Gram Panchayat : Areikana
Created By:MANA DEOGAM

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	Bed	1.000	29.000	3.050	0.300	0.000	26.535	-
ii	side cutoff	2.000	29.000	0.600	0.300	0.000	10.440	-
iii	top and bottom	2.000	3.050	0.600	0.600	0.000	2.196	-
iv	change room wall foundation	2.000	1.520	0.600	0.600	0.000	1.094	-
v	changing room wall foundation	2.000	1.520	0.600	0.600	0.000	1.094	-
vi	door	1.000	0.900	0.600	0.600	0.000	-	0.324
Total Quantity					41.0358 cum (cum)		41.0358 Cum (Cubic Meter)	
Amount					41.0358 X 240.77592		9880.43	
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	Bed	1.000	28.000	3.050	0.100	0.000	8.540	-
ii	side cutoff	2.000	29.000	0.600	0.100	0.000	3.480	-

iii	top & bottom cut	2.000	3.050	0.600	0.100	0.000	0.366	-	
iv	changing room wall foundation	2.000	1.520	0.600	0.100	0.000	0.182	-	
v	changing room wall foundation	2.000	1.520	0.600	0.100	0.000	0.182	-	
vi	door	1.000	0.900	0.600	0.100	0.000	-	0.054	
Total Quantity					12.6968 cum (cum)		12.6968 Cum (Cubic Meter)		
Amount					12.6968 X 918.800232		11665.82		
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.									
SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	side cut of	2.000	28.000	0.300	0.200	0.000	3.360	-	
ii	bed	1.000	29.000	3.050	0.100	0.000	8.845	-	
iii	changing room wall foundation	2.000	1.520	0.250	0.100	0.000	0.076	-	
iv	changing room wall foundation	2.000	1.520	0.250	0.100	0.000	0.076	-	
v	door	1.000	0.900	0.250	0.100	0.000	0.023	-	
Total Quantity					12.3795 cum (cum)		12.3795 Cum (Cubic Meter)		
Amount					12.3795 X 6016.03845316		74475.55		
4. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside									
12mm thick cement plster (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	wall	2.000	1.520	1.520	0.000	0.000	4.621	-
ii	wall	2.000	1.520	1.520	0.000	0.000	4.621	-
iii	door	1.000	0.900	1.520	0.000	0.000	-	1.368
Total Quantity					7.8736 Sqm (Sqm)		7.8736 Sqm (Square Meter)	
Amount					7.8736 X 173.1994806632		1363.70	

5. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	2.910	0.000	0.000	0.000	2.910	-
Total Quantity					2.91 Qntl (Quintal)		2.91 Qntl (Quintal)	
Amount					2.91 X 8448.7818555		24585.96	

6. 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
i	wall	2.000	1.520	0.250	0.400	0.000	0.304	-
ii	wall	2.000	1.520	0.250	0.400	0.000	0.304	-
iii	door	1.000	0.900	0.250	0.400	0.000	-	0.090
Total Quantity					0.518 cum (cum)		0.518 Cum (Cubic Meter)	
Amount					0.518 X 4984.307851488		2581.87	

7. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure 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
i	wall	2.000	1.520	0.250	2.100	0.000	1.596	-
ii	wall	2.000	1.520	0.250	2.100	0.000	1.596	-
iii	door	1.000	0.900	0.250	2.100	0.000	-	0.473
Total Quantity					2.7195 cum (cum)		2.7195 Cum (Cubic Meter)	
Amount					2.7195 X 5017.637851488		13645.47	

8. R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	landing	2.000	3.050	3.050	0.150	0.000	2.791	-
ii	step	38.000	3.050	0.600	0.150	0.500	5.216	-
iii	cut off wall above ground	2.000	29.000	0.300	0.900	0.000	15.660	-
Total Quantity					23.66625 cum (cum)		23.66625 Cum (Cubic Meter)	
Amount					23.66625 X 6576.9085457597		155650.76	
Total Amount							293849.56	

Addition

Display Citizen Board (+) @	4650.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Provision for Contingency (+) @	1500.00
Total Addition	6150.00
Grand Net Total Amount	299999.56

MANA DEOGAM
JE
Dharmasala Block

RAJAT KUMAR MOHAPATRA
AEE
Dharmasala Block

Jyotirmaya Kar
BDO
Dharmasala Block