

Detailed Estimate

OD/364/3482/119980/430254/00079026 : Water Supply at Pakanaguda School and Market Complex under 5th SFC

Devolution fund for the year 23-24

Block : Korukonda, Gram Panchayat : Tarlakotta

Created By:RUPAK KUMAR SINGH SAMANT

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	plat form	3.000	1.200	1.200	0.200	0.000	0.864	-
ii	extra for post	3.000	0.300	0.300	0.300	0.000	0.081	-
iii	leading drain	3.000	1.500	0.300	0.150	0.000	0.203	-
Total Quantity					1.1475 cum (cum)		1.1475 Cum (Cubic Meter)	
Amount					1.1475 X 240.77592		276.29	
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	platform bed	3.000	1.200	1.200	0.100	0.000	0.432	-
Total Quantity					0.432 cum (cum)		0.432 Cum (Cubic Meter)	
Amount					0.432 X 703.569232		303.94	
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	stand post	3.000	0.300	0.300	0.150	0.000	0.041	-
ii	platform bed	3.000	1.200	1.200	0.075	0.000	0.324	-
iii	drain bed	3.000	1.500	0.300	0.075	0.000	0.101	-
Total Quantity					0.46575 cum (cum)		0.46575 Cum (Cubic Meter)	
Amount					0.46575 X 5332.9223514		2483.81	

4. 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	stand post	3.000	0.300	0.300	1.225	0.000	0.331	-
ii	trapezoidal portion	3.000	1.000	0.056	0.080	0.000	0.013	-
iii	platform bed	3.000	1.200	1.200	0.100	0.000	0.432	-
iv	platform parapet	12.000	1.100	0.100	0.075	0.000	0.099	-
v	leading drain bed	3.000	1.500	0.300	0.100	0.000	0.135	-
vi	drain side	6.000	1.500	0.100	0.075	0.000	0.068	-
Total Quantity					1.07769 cum (cum)		1.07769 Cum (Cubic Meter)	
Amount					1.07769 X 6822.2314258		7352.25	

5. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)

6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	stand post	3.000	0.300	0.925	0.000	0.000	0.833	-

ii	stand post	3.000	0.300	0.725	0.000	0.000	0.653	-
iii	trapezoidal portion	12.000	0.225	0.080	0.000	0.000	0.216	-
iv	top of stand post	3.000	0.150	0.150	0.000	0.000	0.068	-
v	floor of platform	3.000	1.000	1.000	0.000	0.000	3.000	-
vi	outside wall platform	12.000	1.200	0.150	0.000	0.000	2.160	-
vii	inside walls of platform	12.000	1.000	0.075	0.000	0.000	0.900	-
viii	top of parapet of platform	12.000	1.100	0.100	0.000	0.000	1.320	-
ix	leading of drain side	12.000	1.500	0.100	0.000	0.000	1.800	-
x	leading drain side	12.000	1.500	0.075	0.000	0.000	1.350	-
xi	drain bed	3.000	1.500	0.100	0.000	0.000	0.450	-
xii	for post	3.000	0.300	0.100	0.000	0.000	-	0.090
Total Quantity					12.6585 Sqm (Sqm)		12.6585 Sqm (Square Meter)	
Amount					12.6585 X 188.649669712		2388.02	
6. Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside								
12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, 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	same as above	1.000	0.000	0.000	0.000	12.650	12.650	-
Total Quantity					12.65 Sqm (Sqm)		12.65 Sqm (Square Meter)	

Amount		12.65 X 189.472204824					2396.82	
7. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc								
Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	sides of stand post	12.000	0.300	1.225	0.000	0.000	4.410	-
ii	side wall of platform	12.000	1.200	0.150	0.000	0.000	2.160	-
iii	side wall platform (inner)	12.000	1.000	0.075	0.000	0.000	0.900	-
iv	side wall of drain	6.000	1.500	0.100	0.000	0.000	0.900	-
v	side wall drain (inner)	6.000	1.500	0.075	0.000	0.000	0.675	-
Total Quantity					9.045 Sqm (Sqm)		9.045 Sqm (Square Meter)	
Amount		9.045 X 216.39264180804					1957.27	
Total Amount							17158.41	
Addition								
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							373841.00	
Provision for survey investigation and quality control (+) @								
Provision for Contingency (+) @							4000.00	
Total Addition							382841.00	
Grand Net Total Amount							399999.41	

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