

Detailed Estimate

OD/353/3361/117530/414108/00070855 : Construction of play field with sports infrastructure at Parimala
Block : Nuagada, Gram Panchayat : Parimala
Created By:Prasant kumar mallick

1. Site Clearance (AR1403ii) : Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials								
Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, up to a lead of 1000 meters including removal and disposal of top organic soil not exceeding 150 mm in thickness and as per direction of Engineer-in-Charge (in area of thorny jungle)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Filed	1.000	61.000	61.000	0.000	0.000	3721.000	-
Total Quantity					3721 Sqm (Sqm)		3721 Sqm (Square Meter)	
Amount					3721 X 9.8183211		36533.97	
2. Earth Work (AR0103a) : Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift								
Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain	1.000	30.000	0.900	0.600	0.000	16.200	-
Total Quantity					16.2 cum (cum)		16.2 Cum (Cubic Meter)	
Amount					16.2 X 312.915372		5069.23	
3. Special items for irrigation works (AR0216) : Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum within an initial lead of 1km from the place of excavation.								
Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum size with all lifts and delifts including trimming of slopes and bed to design section and depositing the the excavated materials away from work site as per the specification and as directed by the Engineer-in-charge within an initial lead of 1km from the place of excavation complete. Per 1 cum.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Leveling	1.000	20.000	30.000	3.000	0.500	900.000	-

Total Quantity	900 cum (cum)	900 Cum (Cubic Meter)
Amount	900 X 67.165	60448.50

4. miscellaneous (ARM308) : Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-o

Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-off trenches of earth dam & other deep cutting by means of Rock Breaker with all lifts, delifts including trimming the bed & slopes to designed finished section loading into & transportation by transport vehicle within 1 KM lead & depositing the excavated materials neatly in specific dump yard as directed by the Engineer-in-charge etc. complete. (Special Items for Irrigation works) .

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Leveling	1.000	40.000	35.000	1.000	0.500	700.000	-
Total Quantity					700 cum (cum)		700 Cum (Cubic Meter)	
Amount					700 X 597.8		418460.00	

5. Earth Work (AR0120) : Excavation of founation in laterite rock or any hard rock (other than granite or disintigrated rock) removed by chiselling including dressing and levelling the bed not exceeding 1.5m in depth and depositing the soil within initial lead of 50m

Excavation of founation in laterite rock or any hard rock (other than granite or disintigrated rock) removed by chiselling including dressing and levelling the bed not exceeding 1.5m in depth and depositing the soil within initial lead of 50m and as per specification approved by the Department

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Stone	3.000	2.300	3.800	1.200	0.000	31.464	-
Total Quantity					31.464 cum (cum)		31.464 Cum (Cubic Meter)	
Amount					31.464 X 2094.19056		65891.61	

Total Amount (A) : 586403.31

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.6000	-	6000
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.2596.68	Unforeseen item	2596.68

Additional Components Amount (F) : 13596.68

Grand Total Amount (A + F) : 599999.99361934

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