

Analysis

OD/353/3361/117530/414108/00070855 : Construction of play field with sports infrastructure at Parimala

Block : Nuagada, Gram Panchayat : Parimala

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Item 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 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)

Sub-Item of Work

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

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
PM028 : Tractor Pulling 50HP	2	per hour	357.55	715.1	0
LR001 : Male mulia	200	Per day	462	92400	0
LR010 : Mate	8	Per day	512	4096	0

Total Amount (a+b+c)	97211.1
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	7290.8325
CONTRACTOR PROFIT @ 7.5% (+)	7837.6449375
LABOUR CESS @ 1% (+)	1123.395774375
Grand Total	113462.97321188
Say For Unit 1 (Grand Total/10000)	11.346297321188

Item 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 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

Sub-Item of Work

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

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	33.53	Per day	462	15490.86	0
LR001 : Male mulia	33.53	Per day	462	15490.86	0

Total Amount (a+b+c)	30981.72
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	2323.629
CONTRACTOR PROFIT @ 7.5% (+)	2497.901175
LABOUR CESS @ 1% (+)	358.03250175
Grand Total	36161.28267675
Say For Unit 1 (Grand Total/100)	361.6128267675

Item 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 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.

Sub-Item of Work

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.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0065 : Add for trimming of slope and bed manually.	1	L.S.	1	1	0
BRMMR0102 : Cost of mechanical excavation per cum without supervision charge for item AR0216	1	Cum	25.01	25.01	0
BRMMR0104 : Cost of transportation of loose earth within the initial lead of 1 km, excluding supervision charges -AR0216	1	Cum	40.49	40.49	0

Total Amount (a+b+c)	66.5
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	4.9875
CONTRACTOR PROFIT @ 7.5% (+)	5.3615625
LABOUR CESS @ 1% (+)	0.768490625
Grand Total	77.617553125
Say For Unit 1 (Grand Total/1)	77.617553125

Item 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-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) .

Sub-Item of Work

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

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMM308 : 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)	1	1 Cum	597.8	597.8	0

Total Amount (a+b+c)

597.8

Total GST (a)

0

Grand Total

0

Say For Unit 1 (Grand Total/1)

0

Item 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 and as per specification approved by the Department

Sub-Item of Work

Excavation of foundation 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

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	4.488	Per day	462	2073.456	0

Total Amount (a+b+c)

2073.456

Total GST (a)

0

OVERHEAD CHARGES @ 7.5% (+)

155.5092

CONTRACTOR PROFIT @ 7.5% (+)

167.17239

LABOUR CESS @ 1% (+)

23.9613759

Grand Total

2420.0989659

Say For Unit 1 (Grand Total/1)

2420.0989659

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