

Detailed Estimate

OD/361/3452/119471/386049/00015523 : PRESERVATION AND DEVELOPMENT OF AHAARA BANDHA AT VILLAGE

POTALA

Block : Kendujhar Sadar, Gram Panchayat : Sankiri

Created By:Ratikanta Lenka

| 1. 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 | | | | | | | | |
|---|-------------|-------|---------|---------|----------------------------------|-------|-------------------------------|-----------|
| 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 | | 1.000 | 97.000 | 27.000 | 2.000 | 0.000 | 5238.000 | - |
| ii | | 1.000 | 117.000 | 95.000 | 3.500 | 0.000 | 38902.500 | - |
| iii | | 1.000 | 438.000 | 153.000 | 3.000 | 0.000 | 201042.000 | - |
| Total Quantity | | | | | 245182.5 Cft (Cubic Foot) | | 6942.783816 Cum (Cubic Meter) | |
| Amount | | | | | 6942.783816 X 71.2454 | | 494641.41 | |
| 2. 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 | WALL | 2.000 | 35.000 | 3.000 | 3.000 | 0.000 | 630.000 | - |
| Total Quantity | | | | | 630 Cft (Cubic Foot) | | 17.839584 Cum (Cubic Meter) | |
| Amount | | | | | 17.839584 X 240.77592 | | 4295.34 | |
| 3. 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 | WALL | 2.000 | 35.000 | 3.000 | 0.500 | 0.000 | 105.000 | - |
| Total Quantity | | | | | 105 Cft (Cubic Foot) | | 2.973264 Cum (Cubic Meter) | |
| Amount | | | | | 2.973264 X 1053.089832 | | 3131.11 | |
| 4. 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 | WALL | 2.000 | 35.000 | 3.000 | 0.500 | 0.000 | 105.000 | - |
| ii | | 2.000 | 35.000 | 1.750 | 5.000 | 0.000 | 612.500 | - |
| Total Quantity | | | | | 717.5 Cft (Cubic Foot) | | 20.317304 Cum (Cubic Meter) | |
| Amount | | | | | 20.317304 X 6129.80230796 | | 124541.06 | |
| 5. 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 specifaion and direction of Engineer-in charge. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | WALL | 2.000 | 35.000 | 1.500 | 0.330 | 0.000 | 34.650 | - |
| Total Quantity | | | | | 34.65 Cft (Cubic Foot) | | 0.98117712 Cum (Cubic Meter) | |
| Amount | | | | | 0.98117712 X 7623.02737052 | | 7479.54 | |
| Total Amount | | | | | | | 634088.46 | |
| Addition | | | | | | | | |
| Display Citizen Board (+) @ | | | | | | | 2968.53 | |
| Any Other Lumpsum (+) @ | | | | | | | 26637.00 | |
| Total Addition | | | | | | | 29605.53 | |
| Grand Net Total Amount | | | | | | | 663693.99 | |