

Detailed Estimate

OD/363/3478/119903/430123/00072743 : Infrastructure Development at new Playground, OAV, Kotia.
Block : Pottangi, Gram Panchayat : Kotiya
Created By: AJAYA RAM TARAI

| 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 | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Founation | 1.000 | 130.000 | 0.900 | 0.900 | 0.000 | 105.300 | - |
| Total Quantity | | | | | 105.3 cum (cum) | | 105.3 Cum (Cubic Meter) | |
| Amount | | | | | 105.3 X 240.77592 | | 25353.70 | |
| 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. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | sand filling | 1.000 | 130.000 | 0.900 | 0.100 | 0.000 | 11.700 | - |
| Total Quantity | | | | | 11.7 cum (cum) | | 11.7 Cum (Cubic Meter) | |
| Amount | | | | | 11.7 X 1320.275232 | | 15447.22 | |
| 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 | P Wall | 1.000 | 130.000 | 0.400 | 2.300 | 0.000 | 119.600 | - |
| Total Quantity | | | | | 119.6 cum (cum) | | 119.6 Cum (Cubic Meter) | |

| | | | | | | | | |
|--|-------------|-------|---------|------------------------------|------------------|-------|------------------------|-----------|
| Amount | | | | 119.6 X 6074.0554933 | | | 726457.04 | |
| 4. R.C.C. Work (AR0401) : R.C.C work | | | | | | | | |
| 'Reinforced cement concrete (1:2:4) work with 12mm 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. complete and as per direction of Engineer-in charge. (To be used for minor repair work only) | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | chips | 1.000 | 130.000 | 0.400 | 0.050 | 0.000 | 2.600 | - |
| Total Quantity | | | | | 2.6 cum (cum) | | 2.6 Cum (Cubic Meter) | |
| Amount | | | | 2.6 X 7575.7355931 | | | 19696.91 | |
| 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. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | | 8.000 | 0.000 | 0.000 | 0.000 | 0.000 | 8.000 | - |
| Total Quantity | | | | | 8 Qntl (Quintal) | | 8 Qntl (Quintal) | |
| Amount | | | | 8 X 8486.5121124 | | | 67892.10 | |
| 6. 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 | Wall side | 2.000 | 130.000 | 0.000 | 2.300 | 0.000 | 598.000 | - |
| Total Quantity | | | | | 598 Sqm (Sqm) | | 598 Sqm (Square Meter) | |
| Amount | | | | 598 X 217.49688418084 | | | 130063.14 | |

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|--|------------------|
| Total Amount | 984910.11 |
| Addition | |
| Provision for PH Work (+) @ | 1500.00 |
| Provision for EI Work (+) @ | 1500.00 |
| Provision for Contingency (+) @ | 3589.00 |
| Display Citizen Board (+) @ | 5000.00 |
| Any Other Lumpsum (+) @ | 2000.00 |
| Provision for survey investigation and quality control (+) @ | 1500.00 |
| Total Addition | 15089.00 |
| Grand Net Total Amount | 999999.11 |

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Pottangi Block

BISWANATH MADALI
AEE
Pottangi Block

RAMKRISHNA NAYAK
BDO
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