

Detailed Estimate

OD/363/3475/119859/428848/00070220 : Const. of Paver Block Road at Podapadar Colony
Block : Laxmipur, Gram Panchayat : Kakirigumma
Created By: GIRIJA SANKAR PATI

| 1. 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 | PAVER BED | 1.000 | 35.000 | 7.000 | 0.080 | 0.000 | 19.600 | - |
| ii | DRAIN BASE | 1.000 | 35.000 | 0.600 | 0.080 | 0.000 | 1.680 | - |
| iii | PAVER BED | 1.000 | 35.100 | 3.200 | 0.080 | 0.000 | 8.986 | - |
| Total Quantity | | | | | 30.2656 cum (cum) | | 30.2656 Cum (Cubic Meter) | |
| Amount | | | | | 30.2656 X 981.824232 | | 29715.50 | |
| 2. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal | | | | | | | | |
| Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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 | CUTOFF | 2.000 | 35.000 | 0.300 | 0.200 | 0.000 | 4.200 | - |
| ii | CR.CUTOFF | 2.000 | 7.400 | 0.300 | 0.200 | 0.000 | 0.888 | - |
| iii | DRAIN BASE | 1.000 | 35.000 | 0.600 | 0.100 | 0.000 | 2.100 | - |
| iv | CUTOFF | 2.000 | 35.100 | 0.300 | 0.200 | 0.000 | 4.212 | - |
| v | CR.CUTOFF | 2.000 | 3.000 | 0.300 | 0.200 | 0.000 | 0.360 | - |
| Total Quantity | | | | | 11.76 cum (cum) | | 11.76 Cum (Cubic Meter) | |
| Amount | | | | | 11.76 X 5404.4978093 | | 63556.89 | |

3. 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 specification and direction of Engineer-in charge.

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|----------------|-------|--------|-------|----------------------|-------|-------------------------|-----------|
| i | PAVER SIDE B/S | 2.000 | 35.000 | 0.200 | 0.100 | 0.000 | 1.400 | - |
| ii | CR. | 4.000 | 7.000 | 0.150 | 0.100 | 0.000 | 0.420 | - |
| iii | DRAIN TOP | 1.000 | 35.000 | 0.600 | 0.080 | 0.000 | 1.680 | - |
| iv | SIDE WALL | 2.000 | 35.100 | 0.200 | 0.100 | 0.000 | 1.404 | - |
| v | CR.WALL | 4.000 | 3.200 | 0.150 | 0.100 | 0.000 | 0.192 | - |
| Total Quantity | | | | | 5.096 cum (cum) | | 5.096 Cum (Cubic Meter) | |
| Amount | | | | | 5.096 X 7084.9687151 | | 36105.00 | |

4. Earth Work (AR0103aa) : Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m

Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth 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

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|--------|-------|----------------------|-------|--------------------------|-----------|
| i | BED | 1.000 | 35.000 | 8.000 | 0.150 | 0.000 | 42.000 | - |
| ii | CUTOFF | 2.000 | 35.000 | 0.300 | 0.200 | 0.000 | 4.200 | - |
| iii | CR.CUTOFF | 2.000 | 7.400 | 0.300 | 0.200 | 0.000 | 0.888 | - |
| iv | BED | 1.000 | 35.100 | 3.600 | 0.150 | 0.000 | 18.954 | - |
| v | CUTOFF | 2.000 | 35.100 | 0.300 | 0.200 | 0.000 | 4.212 | - |
| vi | CR.CUTOFF | 2.000 | 3.000 | 0.300 | 0.200 | 0.000 | 0.360 | - |
| Total Quantity | | | | | 70.614 cum (cum) | | 70.614 Cum (Cubic Meter) | |
| Amount | | | | | 70.614 X 375.4984464 | | 26515.45 | |

5. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC

Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|--------|-------|------------------|-------|---------------------------|-----------|
| i | BED | 1.000 | 35.000 | 7.000 | 0.000 | 0.000 | 245.000 | - |
| ii | BED | 1.000 | 35.100 | 3.200 | 0.000 | 0.000 | 112.320 | - |
| Total Quantity | | | | | 357.32 Sqm (Sqm) | | 357.32 Sqm (Square Meter) | |
| Amount | | | | | 357.32 X 635.85 | | 227201.92 | |

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 | B/S WALL | 2.000 | 35.000 | 0.000 | 0.100 | 0.000 | 7.000 | - |
| ii | DRAIN SIDE | 2.000 | 35.000 | 0.000 | 0.100 | 0.000 | 7.000 | - |
| iii | B/S WALL | 2.000 | 35.100 | 0.000 | 0.100 | 0.000 | 7.020 | - |
| Total Quantity | | | | | 21.02 Sqm (Sqm) | | 21.02 Sqm (Square Meter) | |
| Amount | | | | | 21.02 X 216.23489289764 | | 4545.26 | |
| Total Amount | | | | | | | 387640.02 | |
| Addition | | | | | | | | |
| Provision for Contingency (+) @ | | | | | | | 9000.00 | |
| Display Citizen Board (+) @ | | | | | | | 5000.00 | |
| Any Other Lumpsum (+) @ | | | | | | | 48359.90 | |

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| Provision for survey investigation and quality control (+) @ | |
| Total Addition | 62359.90 |
| Grand Net Total Amount | 449999.92 |

GIRIJA SANKAR PATI
JE
Laxmipur Block

MUVALA PAWAN KUMAR
AEE
Laxmipur Block

SABYASACHI BEHERA
BDO
Laxmipur Block