

1 Working charges

1 Specification Code: od258306/2020_2021

od258306/2020_2021 :Providing ring bund of width 1.50m and height 2.00m using earth filled cement bags, polythene sheets and bamboo including cutting of the Earth, filling, conveying and placing in position and dismantling & removing the same after completion of works properly as per the direction of the department officers including all cost of materials, labor charges etc complete.

| Code | Description | Unit | Quantity | Rate | Amount | Remarks |
|------------------|--|------|----------|---------|---------|---------|
| 100.52.S. 1 | Rate as per item number 100.52.S.1 of SH: KWA Approved Data | cum | 1.00000 | 2899.60 | 2899.60 | |
| 100.52.S. 3 | Rate as per item number 100.52.S.3 of SH: KWA Approved Data | sqm | 0.83000 | 18.60 | 15.44 | |
| 100.52.S. 4 | Rate as per item number 100.52.S.4 of SH: KWA Approved Data | cum | 1.00000 | 321.10 | 321.10 | |
| 100.52.S. 5 | Rate as per item number 100.52.S.5 of SH: KWA Approved Data | cum | 1.00000 | 324.05 | 324.05 | |
| TOTAL | | | | | 3560.19 | |
| cost for one cum | | | | | 3560.19 | |
| say | | | | | 3560.19 | |

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|---|---------|
| Kerala Water Authority Cost index 41.53 % | 1274.68 |
| Total with Cost index | 4834.87 |

2 Specification Code: od97764/2020_2021

od97764/2020_2021 :DOWEL BARS_ Supplying and providing MS dowel bars of size 16 mm dia , 200 cm long including drilling holes of 20 mm dia to a depth of 100 cm in rock and filling the gap with cement grout (0.100kg/hole) etc complete

(Assume drilling 20 Nos of holes per day)

| Code | Description | Unit | Quantity | Rate | Amount | Remarks |
|------|--------------------------------------|---------|----------|---------|--------|---------|
| 1003 | Mild Steel round bar above 12 mm dia | quintal | 0.03160 | 4400.00 | 139.04 | |
| 0367 | Portland Cement | tonne | 0.00010 | 4940.00 | 0.49 | |
| 0134 | Rock Hole Driller | Day | 0.05000 | 558.00 | 27.90 | |
| 0115 | Coolie | Day | 0.05000 | 558.00 | 27.90 | |

| | | | | | | |
|------------------------|--|-----|---------|--------|--------|--|
| 0103 | Blacksmith 2nd class | Day | 0.05000 | 679.00 | 33.95 | |
| 0088 | Hire Charges of Drill machine upto 30 mm dia | Day | 0.05000 | 160.00 | 8.00 | |
| 0090 | Hire charges of compressor | Day | 0.05000 | 420.00 | 21.00 | |
| TOTAL | | | | | 258.28 | |
| Add Water Charges @ 1% | | | | | 2.58 | |
| Add CPOH @ 15% | | | | | 39.13 | |
| cost for one No | | | | | 299.99 | |
| say | | | | | 299.99 | |

| | | | | | | |
|---------------------------|--|--|--|--|--------|--|
| Cost index 41.53 % | | | | | 124.59 | |
| Total with Cost index | | | | | 424.58 | |

3 Specification Code: od108488/2020_2021

od108488/2020_2021 :Design of check dam of height 1.80 m and length 180 m across Periyar River near Thonithady including, design of wing wall, protection wall, retaining wall submission of 3 copies (hard copy and soft copy) of all drawings and obtaining approval from design wing, all charges/ fee etc. as per the direction of departmental officers

| Code | Description | Unit | Quantity | Rate | Amount | Remarks |
|-----------------|---|------|----------|-----------|-----------|---------|
| MR | Design charge of check dam, wing wall and protection wall | No | 1.00000 | 100000.00 | 100000.00 | |
| MR | Hard copy and soft copy of design and drawing | No | 3.00000 | 10000.00 | 30000.00 | |
| TOTAL | | | | | 130000.00 | |
| cost for one No | | | | | 130000.00 | |
| say | | | | | 130000.00 | |

| | | | | | | |
|---------------------------|--|--|--|--|----------|--|
| Cost index 41.53 % | | | | | .00 | |
| Total with Cost index | | | | | 130000.0 | |