

कार्यालय प्रधान मुख्य वन संरक्षक, (हॉफ), राजस्थान, जयपुर

क्रमांक एफ 3(13)प्रमुखसं/ट्री/तक0/21-22/ 590-605 दिनांक:- 06/12/22  
निमित्त,

- 1-परियोजना निदेशक, आर.एफ.बी.पी.-2 जयपुर।
- 2- समस्त सम्भागीय मुख्य वन संरक्षक जयपुर/अजमेर/भरतपुर/कोटा/  
उदयपुर/बीकानेर/जोधपुर/(वन्यजीव) जयपुर/कोटा/उदयपुर/  
सवाईमाधोपुर/सरिस्का/जोधपुर/विभागीय कार्य जयपुर

विषय:-नवीन मॉडल कॉस्ट नोर्म्स न्यूनतम श्रमिक दर रु. 259/- एवं सामग्री दर  
2021

महोदय,

उपरोक्त विषयान्तर्गत निवेदन है कि श्रमिक दर 259/-रूपये प्रति दिन के आधार पर प्राप्त हुए वृक्षारोपण मॉडल राज्य स्तरीय मॉडल कमेटी की अनुशंसा पर प्रधान मुख्य वन संरक्षक, (हॉफ) राजस्थान, जयपुर के अनुमोदन उपरान्त संलग्न कर आवश्यक कार्यवाही हेतु प्रेषित किये जा रहे हैं।

- (a) ANR (25 ha)
- (b) RDF-I (25 ha)
- (c) RDF-II (25 ha)
- (d) Eco-restoration (25 ha)
- (e) Eco-restoration (50 ha)
- (f) Forest Guard Chowki
- (g) Boundary Pillar

उक्त सभी मॉडल विभागीय वेबसाइट के निम्न लिंक पर उपलब्ध है।

<http://www.forest.rajasthan.gov.in/content/raj/forest/en/forest-department/departamental-wings/forest-development/model-for-developmental-activities.htm>

संलग्न-मॉडल की प्रति।

भवदीय



मुख्य वन संरक्षक (आयोजना)  
राजस्थान, जयपुर।



**Model Cost Norms**  
**ANR (Assisted Natural Regeneration)**

UNIT : 25 Ha  
PERIMETER: 90 M/Ha.  
LABOUR RATE: Rs.259. /Day  
COST ESTIMATE: in Rs./Ha.

0 YEAR (ADVANCE ACTION)

| S.No | ITEMS                                                                                                                                                  | Unit      | Qty. | Rate    | LABOUR          | MATERIAL       | TOTAL           |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|---------|-----------------|----------------|-----------------|
| 1    | Collection of Data for Microplanning, preparation of microplan and management plan                                                                     | Prorata   |      |         | 1208.66         | 101.22         | 1309.88         |
| 2    | Survey of area, Layout of contour trenches/ furrows, Pits and marking of segments /plots                                                               | Prorata   |      |         | 694.14          | 77.12          | 771.26          |
| 3    | Fencing by stone wall and or by ditch.                                                                                                                 |           |      |         |                 | 0.00           | 16737.75        |
|      | a). Stone wall fencing 1.20m high 0.80m at base & 0.60m at top(on an average 42 m/ha.)                                                                 | meter     | 45   | 371.95  | 16737.75        | 0.00           | 12631.05        |
|      | b). Ditch fencing 1.20m deep, 1.50m wide at top & 0.90m at bottom (on an average 42 m/ha.)                                                             | meter     | 45   | 280.69  | 12631.05        | 0.00           | 1983.40         |
| 4    | Cost of raising 220 seedlings                                                                                                                          | Plant no. | 220  | 9.02    | 1381.20         | 602.20         | 0.00            |
| 5    | Digging up Trenches :                                                                                                                                  |           |      |         |                 | 0.00           | 12952.00        |
| a.   | Digging up 400 rmt Staggered Contour Trenches with cross section size: 0.45x0.45 Sqmt.                                                                 | Meter     | 400  | 32.38   | 12952.00        | 0.00           | 4054.00         |
| 6    | Digging of 200 pits size: 0.45x(0.4+0.5/2)                                                                                                             | no.       | 200  | 20.27   | 4054.00         | 0.00           | 428.00          |
| 7    | Cost of collection and purchase of grass and other seeds of indigenous trees and shrubs                                                                | per ha    | 1    | 428.00  | 214.00          | 214.00         | 4965.17         |
| 8    | In situ Soil & Moisture Conservation measures like Check dam, Percolation Tanks, Earthen Bunds etc.                                                    | per ha    | 1    | 4965.17 | 4965.17         | 0.00           | 150.00          |
| 9    | Purchase or Construction of Water Storage tank                                                                                                         | Prorata   | 1    |         |                 | 150.00         | 590.98          |
| 10   | Construction of Thatched cattle guard hut.                                                                                                             | Prorata   | 1    |         | 518.00          | 72.98          | 90.63           |
| 11   | Purchase of tools and plants                                                                                                                           | Prorata   |      |         | 0.00            | 90.63          | 166.56          |
| 12   | Labour amenities                                                                                                                                       | Prorata   |      |         | 95.94           | 70.62          | 1077.44         |
| 13   | Cattle guard wages for 4 months                                                                                                                        | Prorata   |      |         | 1077.44         | 0.00           | 1295.00         |
| 14   | Restoration of Natural regeneration by cutback cultural operation, pruning and by making crescent shaped ridges on lower side of seedling and saplings | Prorata   |      |         | 1295.00         | 0.00           | 490.57          |
| 15   | Misc. and unforeseen expenses including running of vehicles                                                                                            | Prorata   |      |         | 490.57          | 99.23          | 589.80          |
|      | <b>TOTAL YEAR 0</b>                                                                                                                                    |           |      |         | <b>58314.92</b> | <b>1478.00</b> | <b>59792.92</b> |

*Signature*  
उप वन संरक्षक (प्रशासन)  
प्रधान मुख्य वन संरक्षक  
प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
राजस्थान, जयपुर

*Signature*  
सिंह गोठवाल )  
वन संरक्षक (आयोजना),  
राजस्थान, जयपुर



**YEAR I ( PLANTATION YEAR )**

|                     |                                                                                                                                                        |           |             |                |                 |                |                 |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------|-----------------|----------------|-----------------|
| 1                   | Maintenance of 220 seedling in nursery                                                                                                                 | Plant no. | 220         | 2.17           | 376.92          | 100.90         | 477.82          |
| 2                   | Digging of 30cmx30cm cross section trench along inner side of stone wall fencing and seed sowing                                                       | meter     | 42          | 21.67          | 910.14          | 0.00           | 910.14          |
| 3                   | Sowing/dibbling of seeds of grass, trees and shrubs including seeds of medicinal plants on the mounds of trench/ditch fencing.                         | meter     | 442         | 0.58           | 256.36          | 0.00           | 256.36          |
| 4                   | Sowing of grass seeds including raking in the interspaces.                                                                                             | Prorata   |             |                | 587.07          | 0.00           | 587.07          |
| 5                   | Transportation of 200 plants from nursery to planting site                                                                                             | Plant no. | 200         | 1.46           | 246.52          | 44.73          | 291.25          |
| 6                   | Planting of 200 seedlings including Refilling of pits                                                                                                  | Plant no. | 200         | 7.75           | 911.19          | 18.83          | 930.02          |
| 7                   | Purchase and application of insecticide and fertiliser in 200 plants                                                                                   | Plant no. | 200         | 4.92           | 795.72          | 188.32         | 984.04          |
| 8                   | Making of 200 crescent shaped mounds below planted sapling after planting and dibbling of 3 seeds of thorny tree species.                              | Plant no. | 200         | 7.20           | 1440.00         | 0.00           | 1440.00         |
| 9                   | Weeding and Hoeing of 200 plants two times including repairing of plants mound                                                                         | Plant no. | 400         | 4.66           | 1864.00         | 0.00           | 1864.00         |
| 10                  | Weeding on contour trenches/ V-ditches and spacement / singling                                                                                        | Rmt       | 442         | 4.56           | 2015.52         | 0.00           | 2015.52         |
| 11                  | Restoration of Natural regeneration by cutback cultural operation, pruning and by making crescent shaped ridges on lower side of seedling and saplings | Prorata   | 1           | 1295.00        | 1295.00         | 0.00           | 1295.00         |
| 12                  | Raising of 10% Plants (20 plants) in Nursery for casualty replacement in year 2                                                                        | Plant no. | 20          | 9.02           | 125.56          | 54.75          | 180.31          |
| 13                  | Watch & ward charges for 12 months                                                                                                                     | Prorata   |             |                | 3230.82         | 0.00           | 3230.82         |
| 14                  | Construction of approach roads / inspection path                                                                                                       | Prorata   |             |                | 441.27          | 0.00           | 441.27          |
| 15                  | Construction of gate and fixing of sign boards                                                                                                         | Prorata   |             |                | 1174.14         | 138.88         | 1313.02         |
| 16                  | Misc. and unforeseen expences including (additional watering, hoeing, fencing and frost protection measures and running of vehicles etc.)              | Prorata   |             |                | 1319.77         | 879.59         | 2199.36         |
| <b>TOTAL YEAR 1</b> |                                                                                                                                                        |           | <b>2367</b> | <b>1358.99</b> | <b>16990.00</b> | <b>1426.00</b> | <b>18416.00</b> |

**YEAR 2 MAINTENANCE**

|                     |                                                                                                                                          |           |     |       |                |               |                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----|-------|----------------|---------------|----------------|
| 1                   | Maintenance of 20 plants in nursery                                                                                                      | Plant no. | 20  | 2.17  | 34.27          | 9.17          | 43.44          |
| 2                   | Repair of fencing                                                                                                                        | Prorata   |     |       | 360.00         | 0.00          | 360.00         |
| 3                   | Casualty replacement of 20 plants (10%) including re-digging of pits, transportation, planting, watering and application of insecticides | Plant no. | 20  | 13.42 | 259.00         | 9.42          | 268.42         |
| 4                   | Weeding and Hoeing in 200 plants two times                                                                                               | Plant no. | 400 | 4.66  | 1864.00        | 0.00          | 1864.00        |
| 5                   | Watch & ward charges for 12 months                                                                                                       | Prorata   |     |       | 3230.82        | 0.00          | 3230.82        |
| 6                   | Misc. and unforeseen expences including (additional watering, fencing and frost protection measures and running of vehicles etc.)        | Prorata   |     |       | 472.20         | 128.12        | 600.32         |
| <b>TOTAL YEAR 2</b> |                                                                                                                                          |           |     |       | <b>6220.29</b> | <b>146.71</b> | <b>6367.00</b> |

*H. B. K.*  
**सुप वन संरक्षक (प्रशासन)**  
 प्रधान मुख्य वन संरक्षक  
 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
 राजस्थान, जयपुर

*B. K. M.*  
**(अमर सिंह गोठवाल)**  
 मुख्य वन संरक्षक (आयोजना)  
 राजस्थान, जयपुर

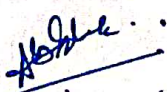


| YEAR 3 : MAINTENANCE |                                                                                                                                    |         |  | 3230.82         | 0.00           | 3230.82         |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------|---------|--|-----------------|----------------|-----------------|
| 1                    | Watch & ward charges for 12 months                                                                                                 | Prorata |  | 472.58          | 128.60         | 601.18          |
| 2                    | Expenditure on Maintenance including (Repair of fencing/Structures, Subsidiary silvicultural operations, Frost Protection, etc.)   | Prorata |  |                 |                |                 |
|                      | <b>TOTAL YEAR 3.</b>                                                                                                               |         |  | <b>3703.40</b>  | <b>128.60</b>  | <b>3832.00</b>  |
| YEAR 4 : MAINTENANCE |                                                                                                                                    |         |  | 3230.82         |                | 3230.82         |
| 1                    | Watch & ward charges for 12 months                                                                                                 | Prorata |  | 472.58          | 128.60         | 601.18          |
| 2                    | Expenditure on Maintenance including (Repair of fencing / Structures, Subsidiary silvicultural operations, Frost Protection, etc.) | Prorata |  |                 |                |                 |
|                      | <b>TOTAL YEAR 4.</b>                                                                                                               |         |  | <b>3703.40</b>  | <b>128.60</b>  | <b>3832.00</b>  |
|                      |                                                                                                                                    |         |  |                 |                |                 |
|                      |                                                                                                                                    |         |  | <b>88932.01</b> | <b>3307.91</b> | <b>92239.92</b> |
|                      | <b>GRAND TOTAL</b>                                                                                                                 |         |  |                 |                |                 |

**Yearwise Cost Statement ANR (Assisted Natural Regeneration)**

| No. | Item of Works            | Unit | Qty. | Rate (Rs.) | Labour Cost  | Material Cost | Total Cost   |
|-----|--------------------------|------|------|------------|--------------|---------------|--------------|
| 1   | YEAR 0 ADVANCE ACTION    |      |      |            | 58315        | 1478          | 59793        |
| 2   | YEAR 1 - PLANTING YEAR   |      |      |            | 16990        | 1426          | 18416        |
| 3   | YEAR 2 - MAINTENANCE I   |      |      |            | 6220         | 147           | 6367         |
| 4   | YEAR 3 - MAINTENANCE II  |      |      |            | 3703         | 129           | 3832         |
| 5   | YEAR - 4 MAINTENANCE III |      |      |            | 3703         | 129           | 3832         |
|     | <b>Grand Total</b>       |      |      |            | <b>88932</b> | <b>3308</b>   | <b>92240</b> |

नोट :- मॉडल्स कार्यस्थल विशेष पर कार्य सम्पादित कराने के लिये प्राक्कलन नहीं है वरन केवल मार्गदर्शक है। कार्यस्थल पर कार्य सम्पादित कराने के लिए कार्य स्थल की विशेषताओं/ परिस्थितियों के अनुसार प्राक्कलन के आधार पर कार्य कराये जावें।

  
**उप वन संरक्षक (प्रशासन)**  
 प्रधान मुख्य वन संरक्षक  
 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
 राजस्थान, जयपुर

  
**(अमर सिंह मोठवाल)**  
 मुख्य वन संरक्षक (आयोजना),  
 राजस्थान, जयपुर



# Model Cost Norms RDF I

UNIT : 25 Ha

PERIMETER: 90 M/Ha.

LABOUR RATE: Rs.259. /Day

COST ESTIMATE: in Rs./Ha.

0 YEAR (ADVANCE ACTION)

| S.No | ITEMS                                                                                                                                                  | Unit      | Qty. | Rate    | LABOUR          | MATERIAL       | TOTAL           |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|---------|-----------------|----------------|-----------------|
| 1    | Collection of Data for Microplanning, preparation of microplan and management plan                                                                     | Prorata   |      |         | 1208.66         | 101.22         | 1309.88         |
| 2    | Survey of area, Layout of contour trenches/ furrows, Pits and marking of segments /plots                                                               | Prorata   |      |         | 694.14          | 77.12          | 771.26          |
| 3    | Fencing by stone wall and or by ditch.                                                                                                                 |           |      |         |                 |                |                 |
|      | a). Stone wall fencing 1.20m high 0.80m at base & 0.60m at top(on an average 45 m/ha.)                                                                 | meter     | 45   | 371.95  | 16737.75        | 0.00           | 16737.75        |
|      | b). Ditch fencing 1.20m deep, 1.50m wide at top & 0.90m at bottom (on an average 45 m/ha.)                                                             | meter     | 45   | 280.69  | 12631.05        | 0.00           | 12631.05        |
| 4    | Cost of raising 550 seedlings                                                                                                                          | Plant no. | 550  | 9.02    | 3453.01         | 1505.49        | 4958.50         |
| 5    | Raising of 240 plants in 10cmX15 cm bags for planting on mounds of trenches and V ditches(includes 20% extra)                                          | Plant     | 240  | 2.29    | 361.85          | 187.68         | 549.53          |
| 6    | Digging up Trenches :                                                                                                                                  |           |      |         |                 | 0.00           |                 |
|      | a. Digging up 400 rmt Staggered Contour Trenches with cross section size: 0.45x0.45 Sqmt.                                                              | Meter     | 400  | 32.38   | 12952.00        | 0.00           | 12952.00        |
| 7    | Digging of 300 pits size: 0.45x(0.4+0.5/2) cum                                                                                                         | no.       | 300  | 20.27   | 6081.00         | 0.00           | 6081.00         |
| 8    | Cost of collection and purchase of grass and other seeds of indegenous trees and shrubs                                                                | per ha    | 1    | 428.00  | 214.00          | 214.00         | 428.00          |
| 9    | In situ Soil & Moisture Conservation measures like Check dam, Percolation Tanks, Earthen Bunds etc.                                                    | per ha    | 1    | 4964.85 | 4964.85         | 0.00           | 4964.85         |
| 10   | Construction of Thatched cattle guard hut.                                                                                                             | Prorata   | 1    |         | 518.00          | 72.98          | 590.98          |
| 11   | Purchase or construction of water storage tank                                                                                                         | Prorata   | 1    |         |                 | 150.00         | 150.00          |
| 12   | Purchase of tools and plants                                                                                                                           | Prorata   |      |         | 0.00            | 90.63          | 90.63           |
| 13   | Labour amenities                                                                                                                                       | Prorata   |      |         | 95.94           | 70.62          | 166.56          |
| 14   | Cattle guard wages for 4 months                                                                                                                        | Prorata   |      |         | 1077.44         | 0.00           | 1077.44         |
| 15   | Restoration of Natural regeneration by cutback cultural operation, pruning and by making crescent shaped ridges on lower side of seedling and saplings | Prorata   |      |         | 1295.00         | 0.00           | 1295.00         |
| 16   | Misc. and unforeseen expenses including running of vehicles                                                                                            | Prorata   |      |         | 490.57          | 99.23          | 589.80          |
|      | <b>TOTAL YEAR 0</b>                                                                                                                                    |           |      |         | <b>62775.26</b> | <b>2568.97</b> | <b>65344.23</b> |

उप वन संरक्षक (प्रशासन)

प्रधान मुख्य वन संरक्षक

प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार

राजस्थान, जयपुर

(अपर सिंह मोहपात्र)  
मुख्य वन संरक्षक (आयोजना).  
राजस्थान, जयपुर



**YEAR I ( PLANTATION YEAR )**

|                     |                                                                                                                                           |           |             |                |                 |                |                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------|-----------------|----------------|-----------------|
| 1                   | Maintenance of 550 seedling in nursery                                                                                                    | Plant no. | 550         | 2.17           | 942.31          | 252.25         | 1194.56         |
| 2                   | Maintenance of 240 plants in 10cmX15 cm bags                                                                                              | Plant     | 240         | 1.37           | 241.80          | 86.69          | 328.49          |
| 3                   | Digging of 200 pits size 0.45X(0.4+0.5)/2 Cum                                                                                             | Pit       | 200         | 20.27          | 4053.56         | 0.00           | 4053.56         |
| 4                   | Digging of 30cmx30cm cross section trench along inner side of stone wall fencing and seed sowing                                          | meter     | 42          | 21.67          | 910.14          | 0.00           | 910.14          |
| 5                   | Sowing/dibbling of seeds of grass, trees and shrubs including seeds of medicinal plants on the mounds of trench/ditch fencing.            | meter     | 442         | 0.58           | 256.36          | 0.00           | 256.36          |
| 6                   | Purchase of fertilizers and insecticide and its application                                                                               | Prorata   |             |                | 2029.52         | 444.05         | 2473.57         |
| 7                   | Sowing of pellets of grass seeds / pieces of seed mud cakes in between rows & pits                                                        | Prorata   |             |                | 586.52          | 0.00           | 586.52          |
| 8                   | Transportation of 500 plants from nursery to planting site                                                                                | Plant no. | 500         | 1.58           | 775.63          | 14.98          | 790.61          |
| 9                   | Planting of 500 seedlings including Refilling of pits                                                                                     | Plant no. | 500         | 7.75           | 3875.00         | 0.00           | 3875.00         |
| 10                  | Transport 200 plants raised in 10 cmX15cm bags upto site including loading and unloading (upto 5 kms.)                                    | Plant     | 200         | 0.95           | 189.11          | 0.00           | 189.11          |
| 11                  | Planting of 200 pre germinated plants, including local transport and watering                                                             | Plant     | 200         | 2.87           | 427.56          | 145.52         | 573.08          |
| 12                  | Restoration of natural regeneration by making crescent shaped mounds on the lower slope of 150 seedlings and saplings                     | Plant no. | 150         | 4.73           | 709.85          | 0.00           | 709.85          |
| 13                  | Making of 500 crescent shaped mounds below planted sapling after planting and dibbling of 3 seeds of thorny tree species.                 | Plant no. | 500         | 7.20           | 3600.00         | 0.00           | 3600.00         |
| 14                  | Weeding and Hoeing of 500 plants two times including repairing of plants mound                                                            | Plant no. | 1000        | 4.66           | 4660.00         | 0.00           | 4660.00         |
| 15                  | Weeding on contour trenches/ V-ditches and spacemen / singling                                                                            | Rmt       | 442         | 4.56           | 2015.52         | 0.00           | 2015.52         |
| 16                  | Restoration of Natural regeneration by cultural operations and by making crescent shaped ridges on lower side of seedlings                | Prorata   | 1           | 1295.00        | 1295.00         | 0.00           | 1295.00         |
| 17                  | Raising of 10% Plants (50 plants) in Nursery for casualty replacement in year 2                                                           | Plant no. | 50          | 9.02           | 314.59          | 136.41         | 451.00          |
| 18                  | Watch & ward charges for 12 months                                                                                                        | Prorata   |             |                | 3230.82         | 0.00           | 3230.82         |
| 19                  | Labour hut etc                                                                                                                            |           |             |                | 375.48          | 40.66          | 416.14          |
| 20                  | Construction of approach roads / inspection path                                                                                          | Prorata   |             |                | 441.27          | 0.00           | 441.27          |
| 21                  | Construction of gate and fixing of sign boards                                                                                            | Prorata   |             |                | 1174.14         | 138.88         | 1313.02         |
| 22                  | Misc. and unforeseen expences including (additional watering, hoeing, fencing and frost protection measures and running of vehicles etc.) | Prorata   |             |                | 3300.00         | 2199.07        | 5499.07         |
| <b>TOTAL YEAR 1</b> |                                                                                                                                           |           | <b>5017</b> | <b>1384.38</b> | <b>35404.18</b> | <b>3458.51</b> | <b>38862.69</b> |

*[Signature]*  
**उप वन संरक्षक (प्रशासन)**  
 प्रधान मुख्य वन संरक्षक  
 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
 राजस्थान, जयपुर

*[Signature]*  
**(अपर मिनिस्ट्री)**  
 वन संरक्षक (आयोजना),  
 राजस्थान, जयपुर



**YEAR 2 MAINTENANCE**

|                     |                                                                                                                                          |           |      |       |                |               |                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|-------|----------------|---------------|----------------|
| 1                   | Maintenance of 55 plants in nursery                                                                                                      | Plant no. | 55   | 2.17  | 94.23          | 25.22         | 119.45         |
| 2                   | Repair of fencing                                                                                                                        | Prorata   |      |       | 360.00         | 0.00          | 360.00         |
| 3                   | Casualty replacement of 50 plants (10%) including re-digging of pits, transportation, planting, watering and application of insecticides | Plant no. | 50   | 13.44 | 649.56         | 22.47         | 672.03         |
| 4                   | Weeding and Hoeing in 500 plants two times                                                                                               | Plant no. | 1000 | 4.66  | 4660.00        | 0.00          | 4660.00        |
| 5                   | Watch & ward charges for 12 months                                                                                                       | Prorata   |      |       | 3230.82        | 0.00          | 3230.82        |
| 6                   | Misc. and unforeseen expences including ( if watering required, fencing and frost protection measures and running of vehicles etc.)      | Prorata   |      |       | 472.20         | 128.12        | 600.32         |
| <b>TOTAL YEAR 2</b> |                                                                                                                                          |           |      |       | <b>9466.81</b> | <b>175.81</b> | <b>9642.62</b> |

**YEAR 3 : MAINTENANCE**

|                      |                                                                                                                                  |         |  |  |                |               |                |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------|---------|--|--|----------------|---------------|----------------|
| 1                    | Watch & ward charges for 12 months                                                                                               | Prorata |  |  | 3230.82        | 0.00          | 3230.82        |
| 2                    | Expenditure on Maintenance including (Repair of fencing/Structures, Subsidiary silvicultural operations, Frost Protection, etc.) | Prorata |  |  | 472.58         | 128.60        | 601.18         |
| <b>TOTAL YEAR 3.</b> |                                                                                                                                  |         |  |  | <b>3703.40</b> | <b>128.60</b> | <b>3832.00</b> |

**YEAR 4 : MAINTENANCE**

|                      |                                                                                                                                    |         |  |  |                  |                |                  |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------|---------|--|--|------------------|----------------|------------------|
| 1                    | Watch & ward charges for 12 months                                                                                                 | Prorata |  |  | 3230.82          |                | 3230.82          |
| 2                    | Expenditure on Maintenance including (Repair of fencing / Structures, Subsidiary silvicultural operations, Frost Protection, etc.) | Prorata |  |  | 472.58           | 128.60         | 601.18           |
| <b>TOTAL YEAR 4.</b> |                                                                                                                                    |         |  |  | <b>3703.40</b>   | <b>128.60</b>  | <b>3832.00</b>   |
| <b>GRAND TOTAL</b>   |                                                                                                                                    |         |  |  | <b>115053.05</b> | <b>6460.49</b> | <b>121513.54</b> |

**Year wise Cost Statement RDF I**

| No.                | Item of Works            | Unit | Qty. | Rate (Rs.) | Labour Cost   | Material Cost | Total Cost    |
|--------------------|--------------------------|------|------|------------|---------------|---------------|---------------|
| 1                  | YEAR 0 ADVANCE ACTION    |      |      |            | 62775         | 2569          | 65344         |
| 2                  | YEAR 1 - PLANTING YEAR   |      |      |            | 35404         | 3459          | 38863         |
| 3                  | YEAR 2 - MAINTENANCE I   |      |      |            | 9467          | 176           | 9643          |
| 4                  | YEAR 3 - MAINTENANCE II  |      |      |            | 3703          | 129           | 3832          |
| 5                  | YEAR - 4 MAINTENANCE III |      |      |            | 3703          | 129           | 3832          |
| <b>Grand Total</b> |                          |      |      |            | <b>115053</b> | <b>6460</b>   | <b>121514</b> |

नोट :- मॉडल्स कार्यस्थल विशेष पर कार्य सम्पादित कराने के लिये प्राक्कलन नहीं है वरन केवल मार्गदर्शक है। कार्यस्थल पर कार्य सम्पादित कराने के लिए कार्य स्थल की विशेषताओं/ परिस्थितियों के अनुसार प्राक्कलन के आधार पर कार्य कराये जावें।

*[Signature]*  
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**Model Cost Norms RDF II**

UNIT : 25 Ha

PERIMETER: 90 M/Ha.

LABOUR RATE: Rs.259. /Day

COST ESTIMATE: in Rs./Ha.

**0 YEAR (ADVANCE ACTION)**

| S.No | ITEMS                                                                                                                                                  | Unit      | Qty. | Rate    | LABOUR          | MATERIAL       | TOTAL           |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|---------|-----------------|----------------|-----------------|
| 1    | Collection of Data for Microplanning, preparation of microplan and management plan                                                                     | Prorata   |      |         | 1208.66         | 101.22         | 1309.88         |
| 2    | Survey of area, Layout of contour trenches/ furrows, Pits and marking of segments /plots                                                               | Prorata   |      |         | 694.14          | 77.12          | 771.26          |
| 3    | Fencing by stone wall and or by ditch.                                                                                                                 |           |      |         |                 |                |                 |
|      | a). Stone wall fencing 1.20m high 0.80m at base & 0.60m at top(on an average 45 m/ha.)                                                                 | meter     | 45   | 371.95  | 16737.75        | 0.00           | 16737.75        |
|      | b). Ditch fencing 1.20m deep, 1.50m wide at top & 0.90m at bottom (on an average 45 m/ha.)                                                             | meter     | 45   | 280.69  | 12631.05        | 0.00           | 12631.05        |
| 4    | Cost of raising 220 seedlings                                                                                                                          | Plant no. | 220  | 9.02    | 1381.20         | 602.20         | 1983.40         |
| 5    | Raising of 240 plants in 10cmX15 cm bags for planting on mounds of trenches and V ditches(includes 20% extra)                                          | Plant     | 240  | 2.29    | 361.85          | 187.68         | 549.53          |
| 6    | <b>Digging up Trenches :</b>                                                                                                                           |           |      |         |                 | 0.00           |                 |
| a.   | Digging up 400 rmt Staggered Contour Trenches with cross section size: 0.45x0.45 Sqmt.                                                                 | Meter     | 400  | 32.38   | 12952.00        | 0.00           | 12952.00        |
| 7    | Digging of 200 pits size: 0.45x(0.4+0.5/2) cum                                                                                                         | no.       | 200  | 20.27   | 4054.00         | 0.00           | 4054.00         |
| 8    | Cost of collection and purchase of grass and other seeds of indegenous trees and shrubs                                                                | per ha    | 1    | 428.00  | 214.00          | 214.00         | 428.00          |
| 9    | In situ Soil & Moisture Conservation measures like Check dam, Percolation Tanks, Earthen Bunds etc.                                                    | per ha    | 1    | 4965.17 | 4965.17         | 0.00           | 4965.17         |
| 10   | Construction of Thatched cattle guard hut.                                                                                                             | Prorata   | 1    |         | 518.00          | 72.98          | 590.98          |
| 11   | Purchase or construction of water storage tank                                                                                                         | Prorata   | 1    |         |                 | 150.00         | 150.00          |
| 12   | Purchase of tools and plants                                                                                                                           | Prorata   |      |         | 0.00            | 90.63          | 90.63           |
| 13   | Labour amenities                                                                                                                                       | Prorata   |      |         | 95.94           | 70.62          | 166.56          |
| 14   | Cattle guard wages for 4 months                                                                                                                        | Prorata   |      |         | 1077.44         | 0.00           | 1077.44         |
| 15   | Restoration of Natural regeneration by cutback cultural operation, pruning and by making crescent shaped ridges on lower side of seedling and saplings | Prorata   |      |         | 1295.00         | 0.00           | 1295.00         |
| 16   | Misc. and unforeseen expenses including running of vehicles                                                                                            | Prorata   |      |         | 490.57          | 99.23          | 589.80          |
|      | <b>TOTAL YEAR 0</b>                                                                                                                                    |           |      |         | <b>58676.77</b> | <b>1665.68</b> | <b>60342.45</b> |

*[Signature]*  
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 राजस्थान, जयपुर



# **YEAR I ( PLANTATION YEAR )**

|    |                                                                                                                                                        |           |             |                |                 |                |                 |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------|-----------------|----------------|-----------------|
| 1  | Maintenance of 220 seedling in nursery                                                                                                                 | Plant no. | 220         | 2.17           | 376.92          | 100.90         | 477.82          |
| 2  | Maintenance of 240 plants in 10cmX15 cm bags                                                                                                           | Plant     | 240         | 1.37           | 241.80          | 86.69          | 328.49          |
| 3  | In situ Soil & Moisture Conservation measures like Check dam, Nadis, Earthen Bunds etc.                                                                | Prorata   |             |                | 2935.33         | 201.16         | 3136.49         |
| 4  | Digging of 30cmx30cm cross section trench along inner side of stone wall fencing and seed sowing                                                       | meter     | 42          | 21.67          | 910.14          | 0.00           | 910.14          |
| 5  | Sowing/dibbling of seeds of grass, trees and shrubs including seeds of medicinal plants on the mounds of trench/ditch fencing.                         | meter     | 442         | 0.58           | 256.36          | 0.00           | 256.36          |
| 6  | Sowing of grass seeds including raking in the interspaces.                                                                                             | Prorata   |             |                | 587.07          | 0.00           | 587.07          |
| 7  | Transportation of 200 plants from nursery to planting site                                                                                             | Plant no. | 200         | 1.46           | 246.52          | 44.73          | 291.25          |
| 8  | Planting of 200 seedlings including Refilling of pits                                                                                                  | Plant no. | 200         | 7.75           | 911.19          | 18.83          | 930.02          |
| 9  | Transport 200 plants raised in 10 cmX15cm bags upto site including loading and unloading (upto 5 kms.)                                                 | Plant     | 200         | 0.95           | 189.11          | 0.00           | 189.11          |
| 10 | Planting of 200 pre germinated plants, including local transport and watering                                                                          | Plant     | 200         | 2.87           | 427.56          | 145.52         | 573.08          |
| 11 | Purchase and application of insecticide and fertiliser in 200 plants                                                                                   | Plant no. | 200         | 4.92           | 795.72          | 188.32         | 984.04          |
| 12 | Making of 200 crescent shaped mounds below planted sapling after planting and dibbling of 3 seeds of thorny tree species.                              | Plant no. | 200         | 7.20           | 1440.00         | 0.00           | 1440.00         |
| 13 | Weeding and Hoeing of 200 plants two times including repairing of plants mound                                                                         | Plant no. | 400         | 4.66           | 1864.00         | 0.00           | 1864.00         |
| 14 | Weeding on contour trenches/ V-ditches and spacement / singling                                                                                        | Rmt       | 445         | 4.56           | 2029.20         | 0.00           | 2029.20         |
| 15 | Restoration of Natural regeneration by cutback cultural operation, pruning and by making crescent shaped ridges on lower side of seedling and saplings | Prorata   | 1           | 1295.00        | 1295.00         | 0.00           | 1295.00         |
| 16 | Raising of 10% Plants (20 plants) in Nursery for casualty replacement in year 2                                                                        | Plant no. | 20          | 9.02           | 125.56          | 54.75          | 180.31          |
| 17 | Watch & ward charges for 12 months                                                                                                                     | Prorata   |             |                | 3230.82         | 0.00           | 3230.82         |
| 18 | Labour hut etc                                                                                                                                         |           |             |                | 375.48          | 40.66          | 416.14          |
| 19 | Construction of approach roads / inspection path                                                                                                       | Prorata   |             |                | 441.27          | 0.00           | 441.27          |
| 20 | Construction of gate and fixing of sign boards                                                                                                         | Prorata   |             |                | 1174.14         | 138.88         | 1313.02         |
| 21 | Misc. and unforeseen expences including (additional watering, hoeing, fencing and frost protection measures and running of vehicles etc.)              | Prorata   |             |                | 1319.77         | 879.59         | 2199.36         |
|    | <b>TOTAL YEAR 1</b>                                                                                                                                    |           | <b>3010</b> | <b>1364.18</b> | <b>21172.96</b> | <b>1900.03</b> | <b>23072.99</b> |

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राजस्थान, जयपुर

(अगर सिंह मेहता)  
मुख्य वन संरक्षक (आयोजना)  
राजस्थान, जयपुर



**YEAR 2 MAINTENANCE**

|                     |                                                                                                                                          |           |     |       |                |               |                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----|-------|----------------|---------------|----------------|
| 1                   | Maintenance of 20 plants in nursery                                                                                                      | Plant no. | 20  | 2.17  | 34.27          | 9.17          | 43.44          |
| 2                   | Repair of fencing                                                                                                                        | Prorata   |     |       | 360.00         | 0.00          | 360.00         |
| 3                   | Casualty replacement of 20 plants (10%) including re-digging of pits, transportation, planting, watering and application of insecticides | Plant no. | 20  | 13.42 | 259.00         | 9.42          | 268.42         |
| 4                   | Weeding and Hoeing in 200 plants two times                                                                                               | Plant no. | 400 | 4.66  | 1864.00        | 0.00          | 1864.00        |
| 5                   | Watch & ward charges for 12 months                                                                                                       | Prorata   |     |       | 3230.82        | 0.00          | 3230.82        |
| 6                   | Misc. and unforeseen expences including ( if watering required, fencing and frost protection measures and running of vehicles etc.)      | Prorata   |     |       | 472.20         | 128.12        | 600.32         |
| <b>TOTAL YEAR 2</b> |                                                                                                                                          |           |     |       | <b>6220.29</b> | <b>146.71</b> | <b>6367.00</b> |

**YEAR 3 : MAINTENANCE**

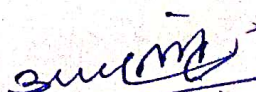
|                             |                                                                                                                                    |         |  |  |                 |                |                 |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------|--|--|-----------------|----------------|-----------------|
| 1                           | Watch & ward charges for 12 months                                                                                                 | Prorata |  |  | 3230.82         | 0.00           | 3230.82         |
| 2                           | Expenditure on Maintenance including (Repair of fencing/Structures, Subsidiary silvicultural operations, Frost Protection, etc.)   | Prorata |  |  | 472.58          | 128.60         | 601.18          |
| <b>TOTAL YEAR 3.</b>        |                                                                                                                                    |         |  |  | <b>3703.40</b>  | <b>128.60</b>  | <b>3832.00</b>  |
| <b>YEAR 4 : MAINTENANCE</b> |                                                                                                                                    |         |  |  |                 |                |                 |
| 1                           | Watch & ward charges for 12 months                                                                                                 | Prorata |  |  | 3230.82         |                | 3230.82         |
| 2                           | Expenditure on Maintenance including (Repair of fencing / Structures, Subsidiary silvicultural operations, Frost Protection, etc.) | Prorata |  |  | 472.58          | 128.60         | 601.18          |
| <b>TOTAL YEAR 4.</b>        |                                                                                                                                    |         |  |  | <b>3703.40</b>  | <b>128.60</b>  | <b>3832.00</b>  |
| <b>GRAND TOTAL</b>          |                                                                                                                                    |         |  |  | <b>93476.82</b> | <b>3969.62</b> | <b>97446.44</b> |

**Year wise Cost Statement RDF II**

| No.                | Item of Works            | Unit | Qty. | Rate (Rs.) | Labour Cost  | Material Cost | Total Cost   |
|--------------------|--------------------------|------|------|------------|--------------|---------------|--------------|
| 1                  | YEAR 0 ADVANCE ACTION    |      |      |            | 58677        | 1666          | 60342        |
| 2                  | YEAR 1 - PLANTING YEAR   |      |      |            | 21173        | 1900          | 23073        |
| 3                  | YEAR 2 - MAINTENANCE I   |      |      |            | 6220         | 147           | 6367         |
| 4                  | YEAR 3 - MAINTENANCE II  |      |      |            | 3703         | 129           | 3832         |
| 5                  | YEAR - 4 MAINTENANCE III |      |      |            | 3703         | 129           | 3832         |
| <b>Grand Total</b> |                          |      |      |            | <b>93477</b> | <b>3970</b>   | <b>97446</b> |

नोट :- मॉडल्स कार्यस्थल विशेष पर कार्य सम्पादित कराने के लिये प्राक्कलन नहीं है वरन केवल मार्गदर्शक है। कार्यस्थल पर कार्य सम्पादित कराने के लिए कार्य स्थल की विशेषताओं/ परिस्थितियों के अनुसार प्राक्कलन के आधार पर कार्य कराये जावें।

  
**उप-वन संरक्षक (प्रशासन)**  
 प्रधान मुख्य वन संरक्षक  
 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
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 मुख्य वन संरक्षक (आयोजना)  
 राजस्थान, जयपुर



# MODEL COST ESTIMATE FOR ECO- RESTORATION

Unit : 25 Ha

PERIMETER: 90 M/HA

LABOUR RATE: 259/- DAY

COST ESTIMATES IN Rs./ha.

First Year

| S.No | Item                                                                                                                                                                                                                       | Unit    | Qty. | Rate   | Labour          | Material        | Total Cost      |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|--------|-----------------|-----------------|-----------------|
| 1    | Survey and demarcation of area, dividing of the area in sub plot and their semi permanent demarcation and also preparation of treatement map and accordingly prepare estimate of site                                      | Ha.     | 1    | 484.47 | 379.47          | 105             | 484.47          |
| 2    | Fencing of Areas.                                                                                                                                                                                                          |         |      |        |                 |                 | 0               |
|      | A. Ditch fencing 1.20m, Deep 1.50m Wide at top and 0.80m. At bottom (on an average 25m/ha.)                                                                                                                                | Rmt     | 25   | 280.69 | 7017.25         | 0               | 7017.25         |
|      | B. Loose stone wall fencing 1.50 m. height, 0.80 at base and 0.60m at top (on an average 25m/ha.)                                                                                                                          | Rmt     | 25   | 464    | 11600           | 0               | 11600           |
|      | C. Masonary pucca wall height 1.5m., width 0.45m. With pillar having width 0.6m. Length 0.45m. At the interval of 2.25m., At forest boundary where the forest area is encroachment or mininig pron (on an average 15m/ha.) | Rmt     | 15   | 3500   | 21000           | 31500           | 52500           |
|      | D. Barbed Wire fencing of Height 1.5 mtr with RCC pole of height 2.1 Mtr supported by welded mesh wire (jaali) of height 1.5 mtr (on an average 25m/ha.)                                                                   | Rmt     | 25   | 218    | 1362.5          | 4087.5          | 5450            |
| 3    | Treatement of nallas by construction series of loose stone check dams and dry random rubble/earthen/Dykes/silt detention dams/ small anicuts/nadis/ MPT/PT/ Gabion structure                                               | Prorata |      |        | 9819            | 1494.79         | 11314           |
| 4    | Restoration of natural regeneration by cut back cultural operation of root stock, pruning and making crescent shaped ridges on lower side of seedling and saplings.                                                        | Prorata |      |        | 1260            | 0               | 1260            |
| 5    | Eradication of weeds like juliflora /Parthenium/Lantana etc.                                                                                                                                                               | Prorata |      |        | 200             | 2300            | 2500            |
| 6    | Digging of 400 rmt. of staggered / contionus contour trenches of cross section 45x45 cm                                                                                                                                    | Meter   | 400  | 32.38  | 15064           | 1336            | 16400           |
| 7    | Collection and purchase of seeds of indegenous trees and shurbs species & grasses and including the cost their sowing or dibbling . 4kg seeds/Ha.                                                                          | No.     | 1    |        | 173             | 445             | 618             |
| 8    | construction of Thatched cattele guard hut                                                                                                                                                                                 | No.     | 1    |        | 518             | 81              | 599             |
| 9    | Construction of apporach road, inspection path and walking trails.                                                                                                                                                         | No.     | 1    |        | 2030            | 268.57          | 2299            |
| 10   | Watch and ward for 3 months                                                                                                                                                                                                | month   | 3    | 269.35 | 808             | 50              | 858             |
| 11   | Purchase of sign board ,gate & their flxing.                                                                                                                                                                               | Prorata |      |        | 60              | 540             | 600             |
| 12   | Miscellaneous and unforeseen expend true.                                                                                                                                                                                  | Prorata |      |        | 228             | 104.86          | 333             |
|      | <b>Total</b>                                                                                                                                                                                                               |         |      |        | <b>71519.22</b> | <b>42312.72</b> | <b>113832.7</b> |
| 13   | Contingency charges- Labour aminities, mate, nurse, water, shade etc. 3% of total cost                                                                                                                                     |         |      |        | 0               | 1269.38         | 1269.38         |
|      | <b>TOTAL</b>                                                                                                                                                                                                               |         |      |        | <b>71519.22</b> | <b>43582.1</b>  | <b>115102.1</b> |

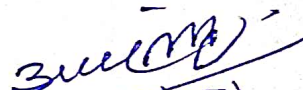
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प्रधान मुख्य वन संरक्षक  
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राजस्थान, जयपुर



|             |                                                                                                                                                                    |         |     |        |                 |                |                 |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----|--------|-----------------|----------------|-----------------|
| Second year |                                                                                                                                                                    |         |     |        |                 |                |                 |
| 1           | Eradication of weeds like juliflora /Parthenium/Lantana etc.                                                                                                       | Prorata |     |        | 100             | 1150           | 1250.00         |
|             | Repairing of Ditch fencing                                                                                                                                         | Rmt     | 2.5 | 192    | 480             | 0              | 480             |
| 2           | Collection and purchase of seeds of indegenous trees and shurbs species & grasses and including the cost their sowing or dibbling . 2kg seeds/Ha.                  | No.     | 1   |        | 86.5            | 222.5          | 309.00          |
| 3           | Restoration of natural regeneration by cut back cultural operation of root stock,pruning and making crescent shaped ridges on lower side of seedling and saplings. | Prorata |     |        | 630             | 0              | 630.00          |
| 4           | Watch and ward for 12months                                                                                                                                        | month   | 12  | 269.35 | 3232            | 100            | 3332            |
|             | <b>Total</b>                                                                                                                                                       |         |     |        | <b>4528.5</b>   | <b>1472.5</b>  | <b>6001.00</b>  |
| Third Year  |                                                                                                                                                                    |         |     |        |                 |                |                 |
| 1           | Repairing of Ditch fencing                                                                                                                                         | Rmt     | 2.5 | 192    | 480             | 0              | 480             |
| 2           | Repairing Loose stone wall fencing                                                                                                                                 |         | 1.5 | 232    | 348             | 0              | 348             |
| 3           | Repairing Barbed Wire fencing of Height                                                                                                                            |         | 1.5 | 109    | 164             | 0              | 163.5           |
| 4           | Watch and ward for 12months                                                                                                                                        | month   | 12  | 269.35 | 3232            | 100            | 3332            |
|             | <b>Total</b>                                                                                                                                                       |         |     |        | <b>4224</b>     | <b>100</b>     | <b>4323.5</b>   |
| FourthYear  |                                                                                                                                                                    |         |     |        |                 |                |                 |
| 1           | Watch and ward for 12months                                                                                                                                        | month   | 12  | 269.35 | 3232            | 100            | 3332            |
|             | <b>Total</b>                                                                                                                                                       |         |     |        | <b>3232</b>     | <b>100</b>     | <b>3332</b>     |
| Fifth Year  |                                                                                                                                                                    |         |     |        |                 |                |                 |
| 1           | Watch and ward for 12months                                                                                                                                        | month   | 12  | 269.35 | 3232            | 100            | 3332            |
|             | <b>Total</b>                                                                                                                                                       |         |     |        | <b>3232</b>     | <b>100</b>     | <b>3332</b>     |
|             | <b>Grand Total</b>                                                                                                                                                 |         |     |        | <b>86735.72</b> | <b>45354.6</b> | <b>132090.6</b> |

  
 उप वन संरक्षक (प्रशासन)  
 प्रधान मुख्य वन संरक्षक  
 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
 राजस्थान, जयपुर

  
 अमर सिंह गोठवाल  
 मुख्य वन संरक्षक (आयोजना)  
 राजस्थान, जयपुर



# MODEL COST ESTIMATE FOR ECO- RESTORATION

Unit : 50Ha

PERIMETER: 60M/HA

LABOUR RATE: 259/- DAY

COST ESTIMATES IN Rs./ha.

First Year

| S.No | Item                                                                                                                                                                           | Unit    | Qty. | Rate   | Labour          | Material       | Total Cost        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|--------|-----------------|----------------|-------------------|
| 1    | Survey and demarcation of area and also preparation of treatement map and accordingly prepare estimate of site                                                                 | Ha.     | 1    | 484.47 | 379.47          | 105            | 484.47            |
| 2    | Fencing of Areas.                                                                                                                                                              |         |      |        |                 |                | 0                 |
|      | A. Ditch 1.20m, Deep 1.50m Wide at top and 0.80m. At bottom (on an average 15m/ha.)                                                                                            | Rmt     | 15   | 280.69 | 4210.35         | 0              | 4210.35           |
|      | B. Loose stone wall 1.50 m. height, 0.80 at base and 0.60m. At top (on an average 15m/ha.)                                                                                     | Rmt     | 15   | 464    | 6960            | 0              | 6960              |
|      | C. Masonary pucca wall height 1.5m., width 0.45m. With pillar having width 0.6m. Length 0.45m. At the interval of 2.25m., on the outer forest boundary (on an average 15m/ha.) | Rmt     | 15   | 3500   | 21000           | 31500          | 52500             |
|      | D. Barbed Wire fencing of Height 1.5 mtr with RCC pole of height 2.1 Mtr supported by welded mesh wire (jaali) of height 1.5 mtr (on an average 15m/ha.)                       | Rmt     | 15   | 218    | 817.5           | 2452.5         | 3270              |
| 3    | Treatement of nallas by construction series of loose stone check dams and dry random rubble/earthen/Dykes/silt detention dams/ small anicuts/nadis/ MPT/PT/ Gabion structure   | Prorata |      |        | 9819            | 1494.79        | 11313.79          |
| 4    | Restoration of natural regeneration by cut back cultural operation of root stock, pruning and making crescent shaped ridges on lower side of seedling and saplings.            | Prorata |      |        | 971             | 10.7           | 981.7             |
| 5    | Eradication of weeds like juliflora /Parthenium/Lantana etc.                                                                                                                   | Prorata |      |        | 200             | 2300           | 2500              |
| 6    | Digging of 400 rmt. Of staggered / contionus contour trenches of cross section 45x45 cm and width as per requirement                                                           | Meter   | 400  | 32.38  | 15064           | 1336           | 16400             |
| 7    | Collection and purchase of seeds of indegenous trees and shurbs species & grasses and including the cost their sowing or dibbling . 4kg seeds/Ha.                              | No.     | 1    |        | 173             | 445            | 618               |
| 8    | construction of Thatched cattele guard hut                                                                                                                                     | No.     | 1    |        | 259             | 40             | 299               |
| 9    | Construction of apporach road, inspection path and walking trails.                                                                                                             | No.     | 1    |        | 2030            | 268.57         | 2298.57           |
| 10   | Watch and ward for 3 months                                                                                                                                                    | month   | 3    | 150    | 405             | 45             | 450               |
| 11   | Purchase of sign board, gate & their fixing.                                                                                                                                   | Prorata |      |        | 30              | 270            | 300               |
| 12   | Miscellaneous and unforeseen expend true.                                                                                                                                      | Prorata |      |        | 228             | 104.86         | 332.86            |
|      | <b>Total</b>                                                                                                                                                                   |         |      |        | <b>62546.32</b> | <b>40372.4</b> | <b>102918.74</b>  |
| 13   | Contingency charges- Labour aminities, mate, nurse, water, shade etc. 3% of total cost                                                                                         |         |      |        | 0               | 1211.17        | 1211.17           |
|      | <b>Total</b>                                                                                                                                                                   |         |      |        | <b>62546.32</b> | <b>41583.6</b> | <b>104129.913</b> |

उप वन संरक्षक (प्रशासन)  
प्रधान मुख्य वन संरक्षक  
प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रचार  
राजस्थान, जयपुर

(अगर सिंह गोठवाल)  
मुख्य वन संरक्षक (आयोजना),  
राजस्थान, जयपुर



| Second year |                                                                                                                                                                    |         |     |        |          |         |           |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----|--------|----------|---------|-----------|
| 1           | Eradication of weeds like juliflora /Parthenium/Lantana etc.                                                                                                       | Prorata |     |        | 100      | 1150    | 1250.00   |
|             | Repairing of Ditch fencing                                                                                                                                         | Rmt     | 1.5 | 192    | 288      | 0       | 288       |
| 2           | Collection and purchase of seeds of indegenous trees and shurbs species & grasses and including the cost their sowing or dibbling . 2kg seeds/Ha.                  | No.     | 1   |        | 86.5     | 222.5   | 309.00    |
| 3           | Restoration of natural regeneration by cut back cultural operation of root stock,pruning and making crescent shaped ridges on lower side of seedling and saplings. | Prorata |     |        | 485.5    | 0       | 485.50    |
| 4           | Watch and ward for 12months                                                                                                                                        | month   | 12  | 269.35 | 3232     | 100     | 3332      |
|             | Total                                                                                                                                                              |         |     |        | 4192     | 1472.5  | 5664.50   |
| Third Year  |                                                                                                                                                                    |         |     |        |          |         |           |
| 1           | Repairing of Ditch fencing                                                                                                                                         | Rmt     | 1   | 192    | 192      | 0       | 192       |
| 2           | Repairing Loose stone wall fencing                                                                                                                                 |         | 1   | 232    | 232      | 0       | 232       |
| 3           | Repairing Barbed Wire fencing of Height                                                                                                                            |         | 1   | 109    | 109      | 0       | 109       |
| 4           | Watch and ward for 12months                                                                                                                                        | month   | 12  | 269.35 | 3232     | 100     | 3332      |
|             | Total                                                                                                                                                              |         |     |        | 3765     | 100     | 3865      |
| FourthYear  |                                                                                                                                                                    |         |     |        |          |         |           |
| 10          | Watch and ward for 12months                                                                                                                                        | month   | 12  | 269.35 | 3232     | 100     | 3332      |
|             | Total                                                                                                                                                              |         |     |        | 3232     | 100     | 3332      |
| Fifth Year  |                                                                                                                                                                    |         |     |        |          |         |           |
| 10          | Watch and ward for 12months                                                                                                                                        | month   | 12  | 269.35 | 3232     | 100     | 3332      |
|             | Total                                                                                                                                                              |         |     |        | 3232     | 100     | 3332      |
|             | Grand Total                                                                                                                                                        |         |     |        | 76967.32 | 43256.1 | 120323.41 |

*Signature*  
 उप वन संरक्षक (प्रशासन)  
 प्रधान मुख्य वन संरक्षक  
 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
 राजस्थान, जयपुर

*Signature*  
 (अमर सिंह गोठवाल)  
 मुख्य वन संरक्षक (आयोजन),  
 राजस्थान, जयपुर



**Model Estimate (Guard Chowki)**  
(Sainitory Installation Work)

BSR : Jaipur (City Circle-2019)

| S.No. | B.S.R    | Particular                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Qty | Unit | Rate | Amount |
|-------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|--------|
| 1     | 1.2.1    | P & F Indian type white glazed vitreous china 1st quality W.C. orissa pan (IS :2556 Mark) with 100 mm vitreous china P or S trap including cutting and making good the wall and floor:<br>Size 530x410mm.                                                                                                                                                                                                                                                                             | 1   | No   | 2400 | 2400   |
| 2     | 1.36.2   | WASH BASINS:<br>1.36 P & F WVC Wash basin (1st quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall :<br>Size 510 mm x 400 mm                                                                                                                                                 | 1   | No   | 2189 | 2189   |
| 3     | 1.38.9.2 | KITCHEN & LAB. SINKS:<br>1.38 P & F Kitchen & Lab. Sink of approved make with C.I. brackets duly painted, 40 mm C.P. waste coupling, C.P. Brass chain with rubber plug, 40 mm G.I. waste pipe up-to floor level complete including cutting and making good the wall & floor :<br>1.0 mm thick stainless steel AISI -304 & IS 13983-1994 kitchen sink of approved make as per Engineer-in-charge with large waste coupling.<br>Overall size      Bowl size<br>22 x 18 x 7      20x16x7 | 1   | No   | 3936 | 3936   |
| 4     | 1.23     | P & F WVC (10 litres) low-level flushing cistern with cover.                                                                                                                                                                                                                                                                                                                                                                                                                          | 1   | No   | 753  | 753    |
| 5     | 1.44.1   | P & F Bevelled edge Mirror/mirror with teak wood lipping around of special glass of approved make as per direction of Engineer-in-charge complete with 6mm thick commercial ply base fixed to wooden screws & washers.<br>Size 600 x 450mm x 4 mm thick                                                                                                                                                                                                                               | 1   | No   | 523  | 523    |
| 6     | 1.47.1   | P & F Towel Rail or Ring of approved quality/make:<br>C.P. brass Towel Rail elbow type with concealed screws size 450mm (Heavy duty).                                                                                                                                                                                                                                                                                                                                                 | 1   | No   | 425  | 425    |
| 7     | 1.47.8   | P & F Towel Rail or Ring of approved quality/make:<br>C.P. Brass Towel Ring revolving type                                                                                                                                                                                                                                                                                                                                                                                            | 1   | No   | 231  | 231    |
| 8     | 1.52.2   | P & F Soap Dish or Tray of approved quality/make<br>C.P. brass heavy and superior quality.                                                                                                                                                                                                                                                                                                                                                                                            | 1   | No   | 142  | 142    |
| 9     | 1.55.2   | P & F Bath Shower of approved quality/make.<br>C.P. brass of Heavy & superior quality 150mm.                                                                                                                                                                                                                                                                                                                                                                                          | 1   | No   | 342  | 342    |
| 10    | 1.59     | P & F Jet spray for water closet with C.P. Copper Tube flange of approved make.                                                                                                                                                                                                                                                                                                                                                                                                       | 15  | No   | 346  | 5190   |
| 11    | 2.1.1    | P & F G.I. pipes (Internal Work) with G.I. Fittings excluding union (IS:1239 Mark) & MS clamps including cutting and making good the walls and floors:<br>(a) Exposed on wall<br>2.1.1 15 mm dia nominal bore<br>'B' Class                                                                                                                                                                                                                                                            | 1   | RMT  | 209  | 209    |
| 12    | 2.7.1    | P & F Bib Cock (IS : 8931 Mark), Superior quality of approved make:<br>Brass 400 gm,15mm nominal bore.                                                                                                                                                                                                                                                                                                                                                                                | 4   | No   | 271  | 1084   |
| 13    | 2.15.1   | P & F Full-way Valve (IS:778 Mark) or wheel valve of approved make :<br>Gun-metal 15mm nominal bore.                                                                                                                                                                                                                                                                                                                                                                                  | 2   | No   | 206  | 412    |

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प्रधान मुख्य वन संरक्षक  
प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
राजस्थान, जयपुर

**(अमर सिंह मोहवाल)**  
मुख्य वन संरक्षक (आयोजना),  
राजस्थान, जयपुर



|    |         |                                                                                                                                                                                                                                                                                                                                                                                  |   |     |      |       |
|----|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----|------|-------|
| 14 | 2.26.3  | P & F PVC Storage Tank ISI Marked (IS : 12701) indicating the BIS license No), of approved make with cover, 25mm dia 1M long G.I. over-flow pipe & 25 Cm. long wash out pipe with plug & socket, including making connection etc., complete of approved design:<br>500 litres capacity.                                                                                          | 1 | No  | 3564 | 3564  |
| 15 | 3.16.2  | RIGID PVC PIPE<br>3.16 P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2 .) approved quality /make including joining the pipe with solvent cement rubber ring and lubricant.<br>75 mm dia                                                                                                                                                                                  | 3 | RMT | 161  | 483   |
| 16 | 3.16.3  | RIGID PVC PIPE<br>3.16 P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2 .) approved quality /make including joining the pipe with solvent cement rubber ring and lubricant.<br>110 mm dia                                                                                                                                                                                 | 6 | RMT | 256  | 1536  |
| 17 | 3.17.1  | P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:<br>Coupler (socket)                                                                                                                                                                                                              |   |     |      | 0     |
|    |         | 75mm dia                                                                                                                                                                                                                                                                                                                                                                         | 3 | No  | 79   | 237   |
|    |         | 110mm dia                                                                                                                                                                                                                                                                                                                                                                        | 2 | No  | 98   | 196   |
| 18 | 3.17.3  | P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:<br>Plain Tee                                                                                                                                                                                                                     |   |     |      | 0     |
|    |         | 75mm dia                                                                                                                                                                                                                                                                                                                                                                         | 1 | No  | 104  | 104   |
|    |         | 110mm dia                                                                                                                                                                                                                                                                                                                                                                        | 0 | No  | 170  | 0     |
| 19 | 3.17.4  | P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:<br>Door Tee<br>110mm dia                                                                                                                                                                                                         | 1 | No  | 194  | 194   |
| 20 | 3.17.9  | P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:<br>Bend 87 .5                                                                                                                                                                                                                    |   |     |      | 0     |
|    |         | 75mm dia                                                                                                                                                                                                                                                                                                                                                                         | 4 | No  | 88   | 352   |
|    |         | 110mm dia                                                                                                                                                                                                                                                                                                                                                                        | 1 | No  | 146  | 146   |
| 21 | 3.17.23 | P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:<br>P- Trap<br>110mm dia                                                                                                                                                                                                          | 3 | No  | 347  | 1041  |
| 22 |         | VENT COWER                                                                                                                                                                                                                                                                                                                                                                       | 1 | No  | 51   | 51    |
| 23 | 3.24.1  | Construction of Soakage well in all types of soil of approved drawing, top 90 Cm .Portion in 450mm thick masonry with CM 1:6, 80 mm thick stone slab covering, jointing of slab in CM 1:3 ,Ralthal, kharanja 40mm thick M-15 grade C.C flooring, earth work etc . complete including disposal of surplus earth within a lead of 50 mtr .<br>Inner dia 90 Cm & 10 to 12 Mtr deep. | 1 | No  | 4948 | 4948  |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                            |   |     |      | 30688 |

*(Signature)*  
 उप वन संरक्षक (प्रशासन)  
 प्रधान मुखा वन संरक्षक  
 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
 राजस्थान, जयपुर

*(Signature)*  
 (अध्यक्ष गीतवली)  
 मुख्य वन संरक्षक (आयोजना)  
 राजस्थान, जयपुर



**Model Estimate (Rain Water harvesting Structure/Water Tank)**

| S.No.        | B.S.R  | Particular                                                                                                                                                                                                                                                                                                        | BSR : Jaipur (City Circle-2019) |      |      |      |       |      |      |        |
|--------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------|------|------|-------|------|------|--------|
|              |        |                                                                                                                                                                                                                                                                                                                   | No                              | L    | B    | H    | Qty   | Unit | Rate | Amount |
| 1            | 1.6    | Earth work in excavation by mechanical means (Hydraulic excavator )/ manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5 m , disposed earth to be levelled and neatly dressed:<br>All kinds of soil | 3.14                            | 1.65 | 1.65 | 3.3  | 28.21 | Cum  | 159  | 4485   |
| 2            | 3.1.6  | Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.<br>1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).                                   | 3.14                            | 1.65 | 1.65 | 0.2  | 1.71  | Cum  | 3002 | 5133   |
| 3            | 3.1.3  | Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.<br>M15 grade Nominal Mix<br>1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size).         | 3.14                            | 2.95 | 3    | 0.15 | 4.17  | Cum  | 4131 | 17219  |
| 4            | 4.10.1 | Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for :<br>Walls (any thickness) including attached pilasters, buttresses plinth and string course.                                          | 2                               | 3.14 | 2.95 | 3    | 55.58 | Sqm  | 263  | 14617  |
| 5            | 10.16  | Stone slab roofing on ground floor with fine grained stone slab from approved quarry including filling of joints of parapet and slab on both sides in cement sand mortar 1:4, with ceiling pointing in cement sand mortar 1 : 3 complete as per specification and instruction of Engineer In Charge               | 1                               | 3.14 | 1.5  | 1.5  | 7.07  | Sqm  | 1498 | 10583  |
| 6            | 6.18.1 | Supplying and fixing stone lintels/bed plates of approved quarry rough dressed in cement mortar 1:4 :<br>Upto 15 cm. thick.                                                                                                                                                                                       | 2                               | 3    | 0.23 | 0.1  | 0.14  | Cum  | 8746 | 1207   |
| 7            |        | Supplying & Fixing R.C.C. Manholes covers with frame of approved make (Light duty).<br>Size 450 X 450mm                                                                                                                                                                                                           |                                 |      |      |      | 1.00  | No   | 290  | 290    |
| <b>Total</b> |        |                                                                                                                                                                                                                                                                                                                   |                                 |      |      |      |       |      |      | 53535  |

  
उप वन संरक्षक (प्रशासन)

प्रधान मुख्य वन संरक्षक  
प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
राजस्थान, जयपुर



(अनंद सिंह राजवत)  
मुख्य वन संरक्षक (आयोजन),  
राजस्थान, जयपुर



**Model Estimate (Guard Chowki)**

Based on BSR : Jaipur (City Circle-2019)

| S.No. | B.S.R | Particular                                                                                                                                                                                                                                                                                                        | No | L    | B    | H    | Qty          | Unit | Rate        | Amount        |
|-------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|------|------|--------------|------|-------------|---------------|
| 1     | 1.6   | Earth work in excavation by mechanical means (Hydraulic excavator )/ manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5 m , disposed earth to be levelled and neatly dressed.<br>All kinds of soil |    |      |      |      |              |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 3.28 | 0.9  | 1.05 | 3.10         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 4.19 | 0.9  | 1.05 | 7.92         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 2.67 | 0.9  | 1.05 | 2.52         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 2.06 | 0.9  | 1.05 | 3.89         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 4.5  | 0.9  | 1.05 | 8.51         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 5.11 | 0.9  | 1.05 | 9.66         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 3.28 | 0.9  | 1.05 | 3.10         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 2.67 | 0.9  | 1.05 | 5.05         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 4.19 | 0.9  | 1.05 | 3.96         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 2.06 | 0.9  | 1.05 | 1.95         |      |             |               |
|       |       | <b>Total</b>                                                                                                                                                                                                                                                                                                      |    |      |      |      | <b>49.65</b> | Cum  | <b>159</b>  | <b>7894</b>   |
| 2     | 3.1.6 | Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.<br>1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).                                   |    |      |      |      |              |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 3.28 | 0.9  | 0.20 | 0.20         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 4.19 | 0.9  | 0.20 | 1.51         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 2.67 | 0.9  | 0.20 | 0.48         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 2.06 | 0.9  | 0.20 | 0.74         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 4.5  | 0.9  | 0.20 | 1.62         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 5.11 | 0.9  | 0.20 | 1.84         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 3.28 | 0.9  | 0.20 | 0.59         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 2.67 | 0.9  | 0.20 | 0.96         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 4.19 | 0.9  | 0.20 | 0.75         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 2.06 | 0.9  | 0.20 | 0.37         |      |             |               |
|       |       | <b>Total</b>                                                                                                                                                                                                                                                                                                      |    |      |      |      | <b>9.07</b>  | Cum  | <b>3002</b> | <b>27219</b>  |
| 3     | 6.1.6 | Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:<br>Cement Mortar 1:6 ( 1-Cement : 6-Sand).                                                                                                                                              |    |      |      |      |              |      |             |               |
|       |       | <b>steps-I</b>                                                                                                                                                                                                                                                                                                    |    |      |      |      |              |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 3.28 | 0.75 | 0.40 | 0.98         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 4.19 | 0.75 | 0.40 | 2.51         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 2.67 | 0.75 | 0.40 | 0.80         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 2.06 | 0.75 | 0.40 | 1.24         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 4.5  | 0.75 | 0.40 | 2.70         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 5.11 | 0.75 | 0.40 | 3.07         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 3.28 | 0.75 | 0.40 | 0.98         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 2.67 | 0.75 | 0.40 | 1.60         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 4.19 | 0.75 | 0.40 | 1.26         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 2.06 | 0.75 | 0.40 | 0.62         |      |             |               |
|       |       | <b>steps-II</b>                                                                                                                                                                                                                                                                                                   |    |      |      |      |              |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 3.28 | 0.60 | 0.45 | 0.89         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 4.19 | 0.60 | 0.45 | 2.26         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 2.67 | 0.60 | 0.45 | 0.72         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 2.06 | 0.60 | 0.45 | 1.11         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 4.5  | 0.60 | 0.45 | 2.43         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 5.11 | 0.60 | 0.45 | 2.76         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 3.28 | 0.60 | 0.45 | 0.89         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 2.67 | 0.60 | 0.45 | 1.44         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 4.19 | 0.60 | 0.45 | 1.13         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 2.06 | 0.60 | 0.45 | 0.56         |      |             |               |
|       |       | <b>steps-III</b>                                                                                                                                                                                                                                                                                                  |    |      |      |      |              |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 3.28 | 0.40 | 0.60 | 0.79         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 4.19 | 0.40 | 0.60 | 2.01         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 2.67 | 0.40 | 0.60 | 0.64         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 2.06 | 0.40 | 0.60 | 0.99         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 4.5  | 0.40 | 0.60 | 2.16         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 5.11 | 0.40 | 0.60 | 2.45         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 3.28 | 0.40 | 0.60 | 0.79         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 2.67 | 0.40 | 0.60 | 1.28         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 4.19 | 0.40 | 0.60 | 1.01         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 2.06 | 0.40 | 0.60 | 0.49         |      |             |               |
|       |       |                                                                                                                                                                                                                                                                                                                   | 4  | 4.42 | 0.6  | 0.15 | 1.59         |      |             |               |
|       |       | <b>Steps</b>                                                                                                                                                                                                                                                                                                      |    |      |      |      |              |      |             |               |
|       |       | <b>Total</b>                                                                                                                                                                                                                                                                                                      |    |      |      |      | <b>44.15</b> | Cum  | <b>2580</b> | <b>113903</b> |

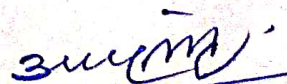
*(Signature)*  
**उप वन संरक्षक (प्रशासन)**  
 प्रधान मुख्य वन संरक्षक  
 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
 राजस्थान, जयपुर

*(Signature)*  
**(अगर सिंह मोहकल)**  
 मुख्य वन संरक्षक (आयोजना)  
 राजस्थान, जयपुर



|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |       |      |       |              |     |      |  |  |        |  |
|---|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|------|-------|--------------|-----|------|--|--|--------|--|
| 4 | 3.7.2  | Providing and laying damp-proof course with cement concrete grade M-150 (1 : 2 : 4) mortar prepared with 1% solution of water-proof compound complete as per specification 75mm thick                                                                                                                                                                                                                                                                                                                                                                                |   |       |      |       |              |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 3.28  | 0.23 |       | 0.75         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 | 4.19  | 0.23 |       | 1.93         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 2.67  | 0.23 |       | 0.61         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 | 2.06  | 0.23 |       | 0.95         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 | 4.5   | 0.23 |       | 2.07         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 | 5.11  | 0.23 |       | 2.35         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 3.28  | 0.23 |       | 0.75         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 | 2.67  | 0.23 |       | 1.23         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 4.19  | 0.23 |       | 0.96         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 2.06  | 0.23 |       | 0.47         |     |      |  |  |        |  |
|   |        | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |       |      |       | <b>12.08</b> | Sqm | 496  |  |  | 5994   |  |
| 5 | 5.2.2  | Brick work with F.P.S. bricks of class designation 75 in superstructure above plinth level upto floor V level in all shapes and sizes in : Cement mortar 1 : 6 (1 cement : 6 coarse sand)                                                                                                                                                                                                                                                                                                                                                                            |   |       |      |       |              |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 3.28  | 0.23 | 3.20  | 2.41         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 | 4.19  | 0.23 | 3.20  | 6.17         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 2.67  | 0.23 | 3.20  | 1.97         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 | 2.06  | 0.23 | 3.20  | 3.03         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 | 4.5   | 0.23 | 3.20  | 6.62         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 | 5.11  | 0.23 | 3.20  | 7.52         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 3.28  | 0.23 | 3.20  | 2.41         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 | 2.67  | 0.23 | 3.20  | 3.93         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 4.19  | 0.23 | 3.20  | 3.08         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 2.06  | 0.23 | 3.20  | 1.52         |     |      |  |  |        |  |
|   |        | <b>Prepat</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 | 25.21 | 0.23 | 0.45  | 2.61         |     |      |  |  |        |  |
|   |        | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |       |      |       | <b>41.28</b> |     |      |  |  |        |  |
|   |        | <b>Deduction</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |       |      |       |              |     |      |  |  |        |  |
|   |        | <b>D1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4 | 1.07  | 0.13 | 2.13  | 1.19         |     |      |  |  |        |  |
|   |        | <b>D2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2 | 0.75  | 0.23 | 2.13  | 0.73         |     |      |  |  |        |  |
|   |        | <b>WINDOW</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2 | 1.07  | 0.23 | 1.23  | 0.61         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4 | 1.23  | 0.23 | 1.23  | 1.39         |     |      |  |  |        |  |
|   |        | <b>VENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 | 0.60  | 0.23 | 0.60  | 0.08         |     |      |  |  |        |  |
|   |        | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |       |      |       | <b>4.00</b>  |     |      |  |  |        |  |
|   |        | <b>Net Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |       |      |       | <b>37.28</b> | Cum | 4536 |  |  | 169096 |  |
| 6 | 5.8.3  | Half brick masonry in Superstructure , above plinth level upto floor V level using bricks of designation 75                                                                                                                                                                                                                                                                                                                                                                                                                                                          |   |       |      |       |              |     |      |  |  |        |  |
|   |        | Kitchen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3 | 0.60  | 0.75 |       | 1.35         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 8.70  | 0.45 |       | 3.92         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 | 0.61  | 0.45 |       | 0.55         |     |      |  |  |        |  |
|   |        | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |       |      |       | <b>5.81</b>  | Sqm | 478  |  |  | 2779   |  |
| 7 | 4.10.2 | Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for : Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.                                                                                                                                                                                                                |   |       |      |       |              |     |      |  |  |        |  |
|   |        | <b>Outer</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | 35    | 0.15 |       | 5.25         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 4.19  | 1.83 |       | 7.67         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 3.96  | 3.05 |       | 12.08        |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 2.44  | 1.83 |       | 4.47         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 4.27  | 4.88 |       | 20.84        |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 2.44  | 3.05 |       | 7.44         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 8.7   | 0.60 |       | 5.22         |     |      |  |  |        |  |
|   |        | <b>Bcam</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3 | 4.42  | 0.23 |       | 3.05         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3 | 1.83  | 0.23 |       | 1.26         |     |      |  |  |        |  |
|   |        | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |       |      |       | <b>67.27</b> | Sqm | 309  |  |  | 20787  |  |
| 8 | 4.2    | Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers (if required ) excluding the cost of centering, shuttering and reinforcement for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. M20 grade Nominal Mix / Design Mix |   |       |      |       |              |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 8.92  | 5.94 | 0.120 | 6.36         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 2.67  | 2.06 | 0.120 | 0.66         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 3.28  | 2.67 | 0.120 | 1.05         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 4.42  | 0.23 | 0.23  | 0.23         |     |      |  |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 | 1.83  | 0.23 | 0.23  | 0.10         |     |      |  |  |        |  |
|   |        | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |       |      |       | <b>8.40</b>  | Cum | 5099 |  |  | 42830  |  |

  
 उप-वन संरक्षक (प्रशासन)  
 प्रधान मुख्य वन संरक्षक  
 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
 राजस्थान, जयपुर

  
 (अगर मेंडोरेशन)  
 मुख्य वन संरक्षक (आयोजना),  
 राजस्थान, जयपुर



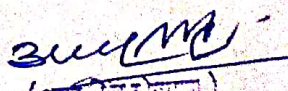
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |       |      |      |        |     |     |       |
|----|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|------|------|--------|-----|-----|-------|
| 9  | 4.13.3  | STEEL REINFORCEMENT:<br>4.13 Providing and fabricating reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding (including cost of binding wire) all complete up to floor five level. ('Original producers' who manufacture billet directly from iron ores and roll the billets to produce steel conforming to IS:1786) Thermo-mechanically Treated bars (Conforming of relevant IS code) (100 kg per cum of c.c.) |    |       |      |      | 840.00 | Kg  | 65  | 54600 |
| 10 | 12.2.2  | Plaster on new surface on walls in cement sand mortar 1:4 including racking of joints etc. complete fine finish : 20mm thick                                                                                                                                                                                                                                                                                                                                       |    |       |      |      |        |     |     |       |
|    |         | Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2  | 2.44  |      | 3.20 | 15.62  |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 3.05  |      | 3.20 | 19.52  |     |     |       |
|    |         | B/R                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2  | 4.27  |      | 3.20 | 27.33  |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 4.88  |      | 3.20 | 31.23  |     |     |       |
|    |         | Toilet                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2  | 2.44  |      | 3.20 | 15.62  |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 1.83  |      | 3.20 | 11.71  |     |     |       |
|    |         | Office                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2  | 3.96  |      | 3.20 | 25.34  |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 3.05  |      | 3.20 | 19.52  |     |     |       |
|    |         | Veramda                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1  | 4.19  |      | 3.20 | 13.41  |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 1.83  |      | 3.20 | 5.86   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 0.45  |      | 3.20 | 2.88   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 0.23  |      | 3.20 | 1.47   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 3.80  |      | 0.60 | 2.28   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 1.50  |      | 0.60 | 0.90   |     |     |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |       |      |      | 192.68 |     |     |       |
|    |         | Deduction                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |       |      |      |        |     |     |       |
|    |         | W1                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2  | 1.07  | 1.23 |      | 2.63   |     |     |       |
|    |         | W1                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4  | 1.23  | 1.23 |      | 6.05   |     |     |       |
|    |         | VENT                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1  | 0.60  | 0.60 |      | 0.36   |     |     |       |
|    |         | D1                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4  | 1.07  | 2.13 |      | 9.12   |     |     |       |
|    |         | D2                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2  | 0.75  | 2.13 |      | 3.20   |     |     |       |
|    |         | Veramda                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1  | 1.83  | 2.44 |      | 4.47   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 3.63  | 2.44 |      | 8.86   |     |     |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |       |      |      | 34.68  |     |     |       |
|    |         | Net Total                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |       |      |      | 158.01 | Sqm | 188 | 29705 |
|    |         | Outer                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2  | 11.81 |      | 3.80 | 89.76  |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 7.40  |      | 3.80 | 56.24  |     |     |       |
|    |         | Parapet Inner                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1  | 25.21 |      | 0.45 | 11.34  |     |     |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |       |      |      | 157.34 | Sqm | 168 | 26433 |
| 11 | 12.5    | 6 mm thick cement plaster to ceiling of mix 1:3 (1cement : 3-fine sand)                                                                                                                                                                                                                                                                                                                                                                                            |    |       |      |      |        |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 2.44  | 3.05 |      | 7.44   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 4.27  | 4.88 |      | 20.84  |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 4.19  | 1.83 |      | 7.67   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 2.44  | 1.83 |      | 4.47   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 4.19  | 1.83 |      | 7.67   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 9.15  | 0.60 |      | 5.49   |     |     |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |       |      |      | 53.57  | Cum | 116 | 6214  |
| 12 | 12.22.1 | Providing and applying white cement based putty over plastered surface to prepare the surface even and smooth complete<br>New Plastered Surface (three or more coats)                                                                                                                                                                                                                                                                                              |    |       |      |      | 368.92 | Sqm | 76  |       |
| 13 | 12.36   | Distempering with dry distemper of approved brand and shade (two or more coats) and of required shade on new work, over and including, priming coat of whitening to give an even shade including all scaffolding.                                                                                                                                                                                                                                                  |    |       |      |      | 211.58 | Sqm | 48  |       |
| 14 | 12.41.1 | Finishing wall with water proofing cement paint of approved brand and manufacture and or required shade to give an even shade including all scaffolding:<br>New work (Two or more coats applied @ 3.84 kg/10 sqm).                                                                                                                                                                                                                                                 |    |       |      |      | 157.34 | Sqm | 48  |       |
| 15 | 12.45.1 | PAINTING<br>Applying priming coat :<br>With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.                                                                                                                                                                                                                                                                                                                       |    |       |      |      |        |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 21 | 0.6   |      | 2.05 | 25.83  |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8  | 0.95  |      | 2.05 | 15.58  |     |     |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |       |      |      | 41.41  | Sqm | 26  | 1077  |
| 16 | 12.45.3 | PAINTING<br>Applying priming coat :<br>With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works                                                                                                                                                                                                                                                                                                      |    |       |      |      |        |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4  | 1.07  |      | 1.23 | 5.26   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8  | 1.23  |      | 1.23 | 12.10  |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 0.6   |      | 0.60 | 0.36   |     |     |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |       |      |      | 17.73  | Sqm | 21  | 372   |
| 17 | 12.46.1 | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :<br>Two or more coats on new work                                                                                                                                                                                                                                                                                                                                    |    |       |      |      |        |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 21 | 0.6   |      | 2.05 | 25.83  |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8  | 0.95  |      | 2.05 | 15.58  |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4  | 1.07  |      | 1.23 | 5.26   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8  | 1.23  |      | 1.23 | 12.10  |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 0.6   |      | 0.60 | 0.36   |     |     |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |       |      |      | 59.14  | Sqm | 63  | 3726  |

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मुख्य वन संरक्षक (आयोजना),  
राजस्थान, जयपुर



|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |      |      |      |       |     |      |       |
|----|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|------|------|-------|-----|------|-------|
| 18 | 6.18.1  | Supplying and fixing stone lintels/bed plates of approved quarry rough dressed in cement mortar 1:4 : Upto 15 cm. thick. Window/D                                                                                                                                                                                                                                                                                                                                         | 14 | 1.50 | 0.23 |      | 4.83  | Cum | 8746 | 42243 |
| 19 | 6.16.2  | Providing dab stone over Chajjas duly fixed in cement sand mortar 1:6 complete : 50mm thick.                                                                                                                                                                                                                                                                                                                                                                              | 7  | 1.80 | 0.23 |      | 2.90  | Sqm | 750  | 2174  |
| 20 | 6.15    | Providing and fixing horizontal chajja of Red/ White sand stone 40 mm thick and upto 80 cm projection in cement mortar 1:4 (1 cement : 4 coarse sand) including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade.                                                                                                                                                                                |    |      |      |      |       |     |      |       |
|    |         | Chaja                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 7  | 1.5  | 0.23 |      | 2.42  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 0.75 | 0.60 |      | 0.45  |     |      |       |
|    |         | Kitchan                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1  | 3.05 | 0.60 |      | 1.83  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 1.83 | 0.60 |      | 1.10  |     |      |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |      |      |      | 5.79  | Sqm | 803  | 4652  |
| 21 | 1.25    | Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.                                                                                                                                                                                                                       |    |      |      |      |       |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 2.30 | 2.90 | 0.60 | 4.00  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 2.30 | 1.70 | 0.60 | 2.35  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 4.13 | 4.73 | 0.60 | 11.72 |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 4.00 | 1.70 | 0.60 | 4.08  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 3.50 | 2.90 | 0.60 | 6.09  |     |      |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |      |      |      | 24.24 | Cum | 58   | 1406  |
| 22 | 11.26   | Random rubble dry stone Kharanja under floor.                                                                                                                                                                                                                                                                                                                                                                                                                             |    |      |      |      |       |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 2.30 | 2.90 | 0.15 | 1.00  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 2.30 | 1.70 | 0.15 | 0.59  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 4.13 | 4.73 | 0.15 | 2.93  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 4.00 | 1.70 | 0.15 | 1.02  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 3.50 | 2.90 | 0.15 | 1.52  |     |      |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |      |      |      | 6.06  | Cum | 847  | 5132  |
| 23 | 3.1.3   | Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level. M15 grade Nominal Mix 1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size). (Flooring)                                                                                                                                                            |    |      |      |      |       |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 2.94 | 3.05 | 0.05 | 0.45  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 2.44 | 1.83 | 0.05 | 0.22  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 4.27 | 4.88 | 0.05 | 1.04  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 3.96 | 3.05 | 0.05 | 0.60  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 4.19 | 1.83 | 0.05 | 0.38  |     |      |       |
|    |         | Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4  | 4.30 | 0.30 | 0.05 | 0.26  |     |      |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |      |      |      | 2.96  | Cum | 4131 | 12223 |
| 24 | 11.18.1 | Kota stone slab flooring 25 mm thick over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) For area of each slab from 901 to 2000 Sq.Cm : Sqm 864.00                                                                                                                                       |    |      |      |      |       |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 2.64 | 3.25 |      | 8.58  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 4.47 | 5.08 |      | 22.71 |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 4.16 | 3.25 |      | 13.52 |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 4.39 | 2.03 |      | 8.91  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4  | 4.30 | 0.30 |      | 5.16  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4  | 4.30 | 0.15 |      | 2.58  |     |      |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |      |      |      | 61.46 | Sqm | 864  | 53101 |
| 25 | 7.22.1  | Providing and fixing 1st quality MAT & GLOSSY finished ceramic tile conforming to IS : 13755 and IS : 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (Including the cost of cement mortar bed 1:4). Size 250mm x 375mm Sqm 661.00 | 1  | 2.4  | 1.83 |      | 4.39  | Sqm | 661  | 2903  |
| 26 | 7.23.1  | P & F 1st quality Heavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc. in different sizes (thickness minimum 10mm) with water absorption less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grouting the joints with white cement and matching pigment etc complete. Size 298mm x 298mm Sqm 641.00                                                            |    |      |      |      |       |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2  | 2.44 |      | 2.10 | 10.25 |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2  | 1.83 |      | 2.10 | 7.69  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2  | 3.05 |      | 1.20 | 7.32  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 0.6  |      | 1.20 | 0.72  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 2.44 |      | 1.20 | 2.93  |     |      |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |      |      |      | 28.90 |     |      |       |
|    |         | Deduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |      |      |      |       |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2  | 0.75 |      | 2.10 | 3.15  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2  | 1.07 |      | 1.20 | 2.57  |     |      |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | 1.07 |      | 1.20 | 1.28  |     |      |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |      |      |      | 7.00  |     |      |       |
|    |         | Net Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |      |      |      | 21.90 | Sqm | 641  | 14038 |

  
 (अपर सिंह नोल्डाना)  
 मुख्य वन संरक्षक (आयोजक,  
 राजस्थान, जयपुर

उप वन संरक्षक (प्रशासन)  
 प्रधान मुख्य वन संरक्षक  
 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
 राजस्थान, जयपुर



|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |       |      |       |     |      |        |  |  |
|----|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|------|-------|-----|------|--------|--|--|
| 27 | 10.17.1  | Grading roof for water proofing treatment with water proffing compound<br>Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |       |      |       |     |      |        |  |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1    | 8.92  | 5.94  | 0.05 | 2.65  |     |      |        |  |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1    | 2.67  | 2.06  | 0.05 | 0.28  |     |      |        |  |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1    | 3.28  | 2.67  | 0.05 | 0.44  |     |      |        |  |  |
|    |          | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |       |      | 3.36  | Cum | 4075 | 13701  |  |  |
| 28 | 3.8      | Providing & fixing precast cement concrete coping 1 : 2 : 4 mix<br>50mm thick complete as per specification :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |       |      |       |     |      |        |  |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1    | 25.21 | 0.30  |      | 7.56  |     |      |        |  |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1    | 10    | 0.15  |      | 1.50  |     |      |        |  |  |
|    |          | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |       |      | 9.06  | Sqm | 334  | 3027   |  |  |
| 29 | 8.13.2.2 | Providing and fixing external grade board solid core single leaf flush door shutters ISI 2202-67 marked using Phenol formal dehyderesin in glue both sides with approved steel fittings complete as per annexure 'A' :<br>30 mm thick<br>Decorative teak veneer One side                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |       |      |       |     |      |        |  |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4    | 0.95  | 2.00  |      | 7.60  |     |      |        |  |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2    | 0.6   | 2.00  |      | 2.40  |     |      |        |  |  |
|    |          | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |       |      | 10.00 | Sqm | 1848 | 18480  |  |  |
| 30 | 9.28.1   | Providing and fixing steel glazed window frame made out of 80x40 mm hollow sheet section of 16 gauge thickness, joint mitred welded and grinded including hold fast of steel lugs 13mm x 3mm and 15 Cm long embedded in C C block 15 x 10 x 10 Cm of 1:3:6 nominal concrete and including fixing of pivoted hinges of superior quality, window shutters made out of 50 x 25.0 mm hollow steel section 15 mm paitam of 18 gauge thickness, joint mitred and grinded including 10mm x 10mm square bars welded to frame for paitam fixing float glass 4mm thick panes with glazing clips and metal sash putty and fixing of shutters frames peg stay, U shape handle 100 mm long, tower bolts 100 mm long of steel powder coated superior quality including fixing and jointing with frame hinges priming coat with steel primer complete in all respect as per direction of Engineer-in -charge<br>Window openable. |      |       |       |      |       |     |      |        |  |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2    | 1.07  | 1.23  |      | 2.63  |     |      |        |  |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1    | 1.23  | 1.23  |      | 1.51  |     |      |        |  |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1    | 0.60  | 0.60  |      | 0.36  |     |      |        |  |  |
|    |          | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |       |      | 4.51  | Sqm | 3457 | 15574  |  |  |
| 31 | 15.25.1  | Providing and fixing in CM 1 : 4 double paitam (rebated) stone door window and ventilator frames of approved quarry :<br>Size 100 x 75mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |       |      |       |     |      |        |  |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 12   | 2.10  |       |      | 25.20 |     |      |        |  |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4    | 0.95  |       |      | 3.80  |     |      |        |  |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2    | 0.75  |       |      | 1.50  |     |      |        |  |  |
|    |          | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |       |      | 30.50 | mtr | 180  | 5490   |  |  |
| 32 | 7.5.1    | Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete.<br>Jhunjhunu / Jalore (Red/Chocolate/Black/Pink Colour)<br>Up to 1500 Cm2 Tiles Sqm. 1812.00                                                                                                                                                                                                                                                                                                                                                                                                               |      |       |       |      |       |     |      |        |  |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.44 | 3.05  | 0.6   |      | 4.47  |     |      |        |  |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3.05 | 1.83  | 0.075 |      | 0.42  |     |      |        |  |  |
|    |          | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |       |      | 4.88  | Sqm | 1812 | 8849   |  |  |
| 33 | 6.17.1   | Supplying and fixing in walls machine cut and polished stone shelves, tands and in CM 1:3 with machine cut edges :<br>Sand or other approved stone 25mm thick.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3    | 3.05  | 0.6   |      | 5.49  | Sqm | 458  | 2514   |  |  |
| 34 | 7.8.2.1  | Granite/Kota Stone Work<br>Full Edge moulding                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1    | 4.9   |       |      | 4.90  | Mtr | 212  | 1039   |  |  |
|    |          | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |       |      |       |     |      | 719175 |  |  |
|    |          | <b>Sanitory Work</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |       |      |       |     |      | 31000  |  |  |
|    |          | <b>Electricity Fitting</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |       |      |       |     |      | 50000  |  |  |
|    |          | <b>Under Ground 15000 Litre Capicity Water Tank</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |       |       |      |       |     |      | 53535  |  |  |
|    |          | <b>G. Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |       |      |       |     |      | 853710 |  |  |

*Abhishek*  
**उप वन संरक्षक (प्रशासन)**  
 प्रधान मुख्य वन संरक्षक  
 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
 राजस्थान, जयपुर

*अमिता*  
**(आपत्ति निवारण)**  
 मुख्य वन संरक्षक (आयोजना);  
 राजस्थान, जयपुर

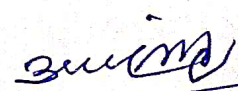


# Model Estimate (Range Office)

Based on BSR : Jaipur (City Circle-2019)

| S.No. | B.S.R | Particular                                                                                                                                                                                                                                                                                                        | No | L    | B    | H    | Qty          | Unit | Rate | Amount |
|-------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|------|------|--------------|------|------|--------|
| 1     | 1.6   | Earth work in excavation by mechanical means (Hydraulic excavator )/ manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5 m , disposed earth to be levelled and neatly dressed:<br>All kinds of soil |    |      |      |      |              |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 7.4  | 0.90 | 1.05 | 13.99        |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 6.56 | 0.90 | 1.05 | 6.20         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 3  | 4.5  | 0.90 | 1.05 | 12.76        |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 4.98 | 0.90 | 1.05 | 9.41         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 3.89 | 0.90 | 1.05 | 7.35         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 4.53 | 0.90 | 1.05 | 4.28         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 2.13 | 0.90 | 1.05 | 2.01         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 3.05 | 0.90 | 1.05 | 2.88         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 9.45 | 0.60 | 0.45 | 2.55         |      |      |        |
|       |       | <b>Total</b>                                                                                                                                                                                                                                                                                                      |    |      |      |      | <b>61.43</b> | Cum  | 159  | 9768   |
| 2     | 3.1.6 | Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.<br>1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).                                   |    |      |      |      |              |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 7.4  | 0.90 | 0.20 | 2.66         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 6.56 | 0.90 | 0.20 | 1.18         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 3  | 4.5  | 0.90 | 0.20 | 2.43         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 4.98 | 0.90 | 0.20 | 1.79         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 3.89 | 0.90 | 0.20 | 1.40         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 4.53 | 0.90 | 0.20 | 0.82         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 2.13 | 0.90 | 0.20 | 0.38         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 3.05 | 0.90 | 0.20 | 0.55         |      |      |        |
|       |       | <b>Total</b>                                                                                                                                                                                                                                                                                                      |    |      |      |      | <b>11.22</b> | Cum  | 3002 | 33670  |
| 3     | 6.1.6 | Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:<br>Cement Mortar 1:6 ( 1-Cement : 6-Sand).                                                                                                                                              |    |      |      |      |              |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 7.4  | 0.75 | 0.40 | 4.44         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 6.56 | 0.75 | 0.40 | 1.97         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 3  | 4.5  | 0.75 | 0.40 | 4.05         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 4.98 | 0.75 | 0.40 | 2.99         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 3.89 | 0.75 | 0.40 | 2.33         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 4.53 | 0.75 | 0.40 | 1.36         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 2.13 | 0.75 | 0.40 | 0.64         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 3.05 | 0.75 | 0.40 | 0.92         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 7.4  | 0.60 | 0.45 | 4.00         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 6.56 | 0.60 | 0.45 | 1.77         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 3  | 4.5  | 0.60 | 0.45 | 3.65         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 4.98 | 0.60 | 0.45 | 2.69         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 3.89 | 0.60 | 0.45 | 2.10         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 4.53 | 0.60 | 0.45 | 1.22         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 2.13 | 0.60 | 0.45 | 0.58         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 3.05 | 0.60 | 0.45 | 0.82         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 7.4  | 0.40 | 0.90 | 5.33         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 6.56 | 0.40 | 0.90 | 2.36         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 3  | 4.5  | 0.40 | 0.90 | 4.86         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 4.98 | 0.40 | 0.90 | 3.59         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 2  | 3.89 | 0.40 | 0.90 | 2.80         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 4.53 | 0.40 | 0.90 | 1.63         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 2.13 | 0.40 | 0.90 | 0.77         |      |      |        |
|       |       |                                                                                                                                                                                                                                                                                                                   | 1  | 3.05 | 0.40 | 0.90 | 1.10         |      |      |        |
|       |       | <b>Steps</b>                                                                                                                                                                                                                                                                                                      | 5  | 1.5  | 0.35 | 0.3  | 0.79         |      |      |        |
|       |       | <b>Total</b>                                                                                                                                                                                                                                                                                                      |    |      |      |      | <b>58.74</b> | Cum  | 2580 | 151538 |

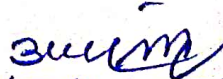
  
 उप वन संरक्षक (प्रशासन)  
 प्रधान मुख्य वन संरक्षक  
 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रचार  
 राजस्थान, जयपुर

  
 (अवर रिटायर) मुख्य वन संरक्षक (आयोजना)  
 राजस्थान, जयपुर



|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |      |      |       |  |               |     |      |  |        |  |
|---|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|------|-------|--|---------------|-----|------|--|--------|--|
| 4 | 3.7.2  | Providing and laying damp-proof course with cement concrete grade M-150 (1 : 2 : 4) mortar prepared with 1% solution of water-proof compound complete as per specification<br>75mm thick                                                                                                                                                                                                                                                                                                                                                                                |   |      |      |       |  |               |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 | 7.4  | 0.40 |       |  | 5.92          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | 6.56 | 0.40 |       |  | 2.62          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 | 4.5  | 0.40 |       |  | 5.40          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 | 4.98 | 0.40 |       |  | 3.98          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 | 3.89 | 0.40 |       |  | 3.11          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | 4.53 | 0.40 |       |  | 1.81          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | 2.13 | 0.40 |       |  | 0.85          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | 3.05 | 0.40 |       |  | 1.22          |     |      |  |        |  |
|   |        | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |      |      |       |  | <b>24.92</b>  | Sqm | 496  |  | 12362  |  |
| 5 | 5.2.2  | Brick work with F.P.S. bricks of class designation 75 in superstructure above plinth level upto floor V level in all shapes and sizes in :<br>Cement mortar 1 : 6 (1 cement : 6 coarse sand)                                                                                                                                                                                                                                                                                                                                                                            |   |      |      |       |  |               |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 | 7.4  | 0.23 | 3.20  |  | 10.89         |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | 6.56 | 0.23 | 3.20  |  | 4.83          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 | 4.5  | 0.23 | 3.20  |  | 9.94          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 | 4.98 | 0.23 | 3.20  |  | 7.33          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 | 3.89 | 0.23 | 3.20  |  | 5.73          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | 4.53 | 0.23 | 3.20  |  | 3.33          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | 2.13 | 0.23 | 3.20  |  | 1.57          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | 3.05 | 0.23 | 3.20  |  | 2.24          |     |      |  |        |  |
|   |        | <b>Prepat</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 | 34.4 | 0.23 | 0.45  |  | 3.56          |     |      |  |        |  |
|   |        | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |      |      |       |  | <b>49.42</b>  |     |      |  |        |  |
|   |        | <b>Deduction</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |      |      |       |  |               |     |      |  |        |  |
|   |        | <b>WINDOW</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8 | 1.23 | 0.23 | 1.23  |  | 2.78          |     |      |  |        |  |
|   |        | <b>D1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5 | 1.07 | 0.23 | 2.10  |  | 2.58          |     |      |  |        |  |
|   |        | <b>D2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2 | 0.75 | 0.23 | 2.10  |  | 0.72          |     |      |  |        |  |
|   |        | <b>VENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2 | 0.60 | 0.23 | 0.60  |  | 0.17          |     |      |  |        |  |
|   |        | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |      |      |       |  | <b>6.26</b>   |     |      |  |        |  |
|   |        | <b>Net Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |      |      |       |  | <b>43.16</b>  | Cum | 4536 |  | 195786 |  |
| 6 | 5.8.3  | Half brick masonry in Superstructure , above plinth level upto floor V level using bricks of designation 75                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |      |      |       |  |               |     |      |  |        |  |
|   |        | <b>Prepat</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 | 9.45 | 0.45 |       |  | 4.25          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 | 0.75 | 0.45 |       |  | 0.68          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | 2.44 | 3.20 |       |  | 7.81          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | 3.66 | 3.20 |       |  | 11.71         |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | 0.60 | 3.20 |       |  | 1.92          |     |      |  |        |  |
|   |        | <b>Kitchen</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3 | 0.60 | 0.75 |       |  | 1.35          |     |      |  |        |  |
|   |        | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |      |      |       |  | <b>27.72</b>  | Sqm | 478  |  | 13249  |  |
| 7 | 4.10.2 | Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for :<br>Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.                                                                                                                                                                                                                |   |      |      |       |  |               |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | 14   | 8.23 |       |  | 115.22        |     |      |  |        |  |
|   |        | <b>Bcam</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2 | 9.45 | 0.23 |       |  | 4.35          |     |      |  |        |  |
|   |        | <b>Bcam</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6 | 1.50 | 0.23 |       |  | 2.07          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 | 4.72 | 0.23 |       |  | 2.17          |     |      |  |        |  |
|   |        | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |      |      |       |  | <b>123.81</b> | Sqm | 309  |  | 38257  |  |
| 8 | 4.2    | Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers (if required ) excluding the cost of centering, shuttering and reinforcement for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc.<br>M20 grade Nominal Mix / Design Mix |   |      |      |       |  |               |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | 14   | 8.23 | 0.120 |  | 13.83         |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | 9.45 | 0.23 | 0.230 |  | 0.50          |     |      |  |        |  |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 | 2.1  | 0.23 | 0.230 |  | 0.33          |     |      |  |        |  |
|   |        | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |      |      |       |  | <b>14.66</b>  | Cum | 5099 |  | 74749  |  |

  
 उप वन संरक्षक (प्रशासन)  
 प्रधान, मुख्य वन संरक्षक  
 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
 राजस्थान, जयपुर

  
 (अनुराग सिंह गोहिल)  
 मुख्य वन संरक्षक (आयोजना)  
 राजस्थान, जयपुर



|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |       |      |      |         |     |     |       |
|----|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|------|------|---------|-----|-----|-------|
| 9  | 4.13.3  | STEEL REINFORCEMENT:<br>4.13 Providing and fabricating reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding (including cost of binding wire) all complete up to floor five level. ('Original producers' who manufacture billet directly from iron ores and roll the billets to produce steel conforming to IS:1786) Thermo-mechanically Treated bars (Conforming of relevant IS code) (100 kg per cum of c.c.) |    |       |      |      | 1465.96 | Kg  | 65  | 95287 |
| 10 | 12.2.2  | Plaster on new surface on walls in cement sand mortar 1:4 including racking of joints etc. complete fine finish : 20mm thick                                                                                                                                                                                                                                                                                                                                       |    |       |      |      |         |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 3.66  |      | 3.20 | 23.42   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 4.3   |      | 3.20 | 27.52   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 3.05  |      | 3.20 | 19.52   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 2.13  |      | 3.20 | 13.63   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 4.72  |      | 3.20 | 30.21   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 5.64  |      | 3.20 | 36.10   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 2.44  |      | 3.20 | 15.62   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 1.53  |      | 3.20 | 9.79    |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 1.7   |      | 3.20 | 10.88   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 1.53  |      | 3.20 | 9.79    |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 4.27  |      | 3.20 | 27.33   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 4.57  |      | 3.20 | 29.25   |     |     |       |
|    |         | Veramda                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1  | 9.45  |      | 3.20 | 30.24   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 1     |      | 3.20 | 6.40    |     |     |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |       |      |      | 289.70  |     |     |       |
|    |         | Deduction                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |       |      |      |         |     |     |       |
|    |         | D1                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5  | 1.07  | 2.1  |      | 11.24   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 0.75  | 2.1  |      | 3.15    |     |     |       |
|    |         | W                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2  | 1.23  | 1.23 |      | 3.03    |     |     |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |       |      |      | 17.41   |     |     |       |
|    |         | Net Total                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |       |      |      | 272.29  | Sqm | 188 | 51190 |
|    |         | Outer                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1  | 14.77 | 3.75 |      | 55.39   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 7.9   | 3.75 |      | 59.25   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 4.05  | 3.75 |      | 15.19   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 0.85  | 3.75 |      | 6.38    |     |     |       |
|    |         | Parapet Inner                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1  | 45.35 |      | 0.75 | 34.01   |     |     |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |       |      |      | 170.21  | Sqm | 168 | 28596 |
| 11 | 12.5    | 6 mm thick cement plaster to ceiling of mix 1:3 (1cement : 3-fine sand)                                                                                                                                                                                                                                                                                                                                                                                            |    |       |      |      |         |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 3.66  | 4.3  |      | 15.74   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 4.72  | 5.64 |      | 26.62   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 3.05  | 2.13 |      | 6.50    |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 2.44  | 1.53 |      | 3.73    |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 1.7   | 1.53 |      | 2.60    |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 4.27  | 4.57 |      | 19.51   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 9.45  | 1.53 |      | 14.46   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 9.45  | 0.23 |      | 4.35    |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7  | 1.53  | 0.23 |      | 2.46    |     |     |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |       |      |      | 95.97   | Cum | 116 | 11133 |
| 12 | 12.22.1 | Providing and applying white cement based putty over plastered surface to prepare the surface even and smooth complete<br>New Plastered Surface (three or more coats)                                                                                                                                                                                                                                                                                              |    |       |      |      | 538.47  | Sqm | 76  |       |
| 13 | 12.36   | Distempering with dry distemper of approved brand and shade (two or more coats) and of required shade on new work, over and including, priming coat of whitening to give an even shade including all scaffolding.                                                                                                                                                                                                                                                  |    |       |      |      | 368.26  | Sqm | 48  |       |
| 14 | 12.41.1 | Finishing wall with water proofing cement paint of approved brand and manufacture and or required shade to give an even shade including all scaffolding:<br>New work (Two or more coats applied @ 3.84 kg/10 sqm).                                                                                                                                                                                                                                                 |    |       |      |      | 170.21  | Sqm | 48  |       |
| 15 | 12.45.1 | PAINTING<br>Applying priming coat :<br>With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.                                                                                                                                                                                                                                                                                                                       |    |       |      |      |         |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10 | 0.95  |      | 2.05 | 19.48   |     |     |       |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4  | 0.61  |      | 2.05 | 5.00    |     |     |       |
|    |         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |       |      |      | 24.48   | Sqm | 26  | 636   |

*Handwritten signature*  
उप वन संरक्षक (प्रशासन)  
प्रधान मुख्य वन संरक्षक  
प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
राजस्थान, जयपुर

*Handwritten signature*  
(अगर सिंह मोहन)  
मुख्य वन संरक्षक (आयोजना)  
राजस्थान, जयपुर



|    |         |                                                                                                                                                                                                                                                                                                                               |    |      |      |      |       |     |      |  |  |       |  |
|----|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|------|------|-------|-----|------|--|--|-------|--|
| 16 | 12.45.3 | PAINTING<br>Applying priming coat :<br>With ready mixed red oxide zinc chromate primer of<br>approved brand and manufacture on steel galvanised<br>iron/steel works                                                                                                                                                           |    |      |      |      |       |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 16 | 1.23 |      | 1.23 | 24.21 |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 4  | 0.61 |      | 0.61 | 1.49  |     |      |  |  |       |  |
|    |         | <b>Total</b>                                                                                                                                                                                                                                                                                                                  |    |      |      |      | 25.69 | Sqm | 21   |  |  | 540   |  |
| 17 | 12.46.1 | Painting with synthetic enamel paint of approved brand and<br>manufacture to give an even shade :<br>Two or more coats on new work                                                                                                                                                                                            |    |      |      |      |       |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 10 | 0.95 |      | 2.05 | 19.48 |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 4  | 0.61 |      | 2.05 | 5.00  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 16 | 1.23 |      | 1.23 | 24.21 |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 4  | 0.61 |      | 0.61 | 1.49  |     |      |  |  |       |  |
|    |         | <b>Total</b>                                                                                                                                                                                                                                                                                                                  |    |      |      |      | 50.17 | Sqm | 63   |  |  | 3161  |  |
| 18 | 6.18.1  | Supplying and fixing stone lintels/bed plates of approved quarry rough<br>dressed in cement mortar 1:4 :<br>Upto 15 cm. thick.<br>Window/D                                                                                                                                                                                    | 13 | 1.50 | 0.23 |      | 4.49  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 2  | 0.75 | 0.23 |      | 0.35  |     |      |  |  |       |  |
|    |         | <b>Total</b>                                                                                                                                                                                                                                                                                                                  |    |      |      |      | 4.83  | Cum | 8746 |  |  | 42243 |  |
| 19 | 6.16.2  | Providing dab stone over Chajjas duly fixed in cement sand mortar 1:6<br>complete :<br>50mm thick.                                                                                                                                                                                                                            | 7  | 1.80 | 0.23 |      | 2.90  | Sqm | 750  |  |  | 2174  |  |
| 20 | 6.15    | Providing and fixing horizontal chajja of Red/ White sand stone 40 mm<br>thick and upto 80 cm projection in cement mortar 1:4 (1 cement : 4<br>coarse sand) including pointing in white cement mortar 1:2 (1 white<br>cement : 2 stone dust) with an admixture of pigment matching the<br>stone shade.                        |    |      |      |      |       |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 1.53 | 0.60 |      | 0.92  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 3.05 | 0.60 |      | 1.83  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 7  | 1.50 | 0.60 |      | 6.30  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 2  | 0.90 | 0.60 |      | 1.08  |     |      |  |  |       |  |
|    |         | <b>Total</b>                                                                                                                                                                                                                                                                                                                  |    |      |      |      | 10.13 | Sqm | 803  |  |  | 8133  |  |
| 21 | 1.25    | Filling available excavated earth (excluding rock) in trenches, plinth side of<br>foundation etc. in layers not exceeding 20 cm. in depth, consolidating each<br>deposited layer by ramming and watering including lead up to 50 meter and<br>with all lift.                                                                  |    |      |      |      |       |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 3.50 | 4.15 | 0.60 | 8.72  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 4.57 | 5.50 | 0.60 | 15.08 |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 2.90 | 1.98 | 0.60 | 3.45  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 2.30 | 1.40 | 0.60 | 1.93  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 1.50 | 1.40 | 0.60 | 1.26  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 4.12 | 4.40 | 0.60 | 10.88 |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 9.30 | 1.35 | 0.60 | 7.53  |     |      |  |  |       |  |
|    |         | <b>Total</b>                                                                                                                                                                                                                                                                                                                  |    |      |      |      | 40.13 | Cum | 58   |  |  | 2327  |  |
| 22 | 11.26   | Random rubble dry stone Kharanja under floor.                                                                                                                                                                                                                                                                                 |    |      |      |      |       |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 3.50 | 4.15 | 0.15 | 2.18  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 4.57 | 5.50 | 0.15 | 3.77  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 2.90 | 1.98 | 0.15 | 0.86  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 2.30 | 1.40 | 0.15 | 0.48  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 1.50 | 1.40 | 0.15 | 0.32  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 4.12 | 4.40 | 0.15 | 2.72  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 9.30 | 1.35 | 0.15 | 1.88  |     |      |  |  |       |  |
|    |         | <b>Total</b>                                                                                                                                                                                                                                                                                                                  |    |      |      |      | 12.21 | Cum | 847  |  |  | 10343 |  |
| 23 | 3.1.3   | Providing and laying in position cement concrete including curing,<br>compaction etc. complete in specified grade excluding the cost of<br>centering and shuttering - All work up to plinth level.<br>M15 grade Nominal Mix<br>1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm<br>nominal size). (Flooring) |    |      |      |      |       |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 3.50 | 4.15 | 0.05 | 0.73  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 4.57 | 5.50 | 0.05 | 1.26  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 2.90 | 1.98 | 0.05 | 0.29  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 2.30 | 1.40 | 0.05 | 0.16  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 1.50 | 1.40 | 0.05 | 0.11  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 4.12 | 4.40 | 0.05 | 0.91  |     |      |  |  |       |  |
|    |         |                                                                                                                                                                                                                                                                                                                               | 1  | 9.30 | 1.35 | 0.05 | 0.63  |     |      |  |  |       |  |
|    |         | <b>Total</b>                                                                                                                                                                                                                                                                                                                  |    |      |      |      | 4.07  | Cum | 4131 |  |  | 16814 |  |

*Signature*  
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*Signature*  
(अवर सिक रिफरेंस)  
मुख्य वन संरक्षक (आयोजना)  
राजस्थान, जयपुर



|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |      |      |      |       |     |      |  |       |  |
|----|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|------|------|-------|-----|------|--|-------|--|
| 24 | 11.18.1  | Kota stone slab flooring 25 mm thick over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand)<br>For area of each slab from 901 to 2000 Sq.Cm : Sqm 864.00                                                                                                                                       |   |      |      |      |       |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 | 3.25 | 2.33 |      | 7.57  |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 | 3.86 | 4.5  |      | 17.37 |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 | 4.92 | 5.84 |      | 28.73 |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 | 4.47 | 4.77 |      | 21.32 |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 | 9.55 | 1.73 |      | 16.52 |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4 | 1.50 | 0.30 |      | 1.80  |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4 | 1.50 | 0.3  |      | 1.80  |     |      |  |       |  |
|    |          | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |      |      |      | 95.12 | Sqm | 864  |  | 82183 |  |
| 25 | 7.22.1   | Providing and fixing 1st quality MAT & GLOSSY finished ceramic tile confirming to IS : 13755 and IS : 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).<br>Size 250mm x 375mm Sqm 661.00 | 1 | 2.44 | 1.53 |      | 3.73  |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 | 1.7  | 1.53 |      | 2.60  |     |      |  |       |  |
|    |          | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |      |      |      | 6.33  | Sqm | 661  |  | 4187  |  |
| 26 | 7.23.1   | P & F 1st quality Heavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc. in different sizes (thickness minimum 10mm) with water absorption less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1 : 4 including grouting the joints with white cement and matching pigment etc complete.<br>Size 298mm x 298mm Sqm 641.00                                                           |   |      |      |      |       |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2 | 2.44 |      | 2.10 | 10.25 |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 | 1.53 |      | 2.10 | 3.21  |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 | 0.75 |      | 2.10 | 1.58  |     |      |  |       |  |
|    |          | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |      |      |      | 15.04 | Sqm | 641  |  | 9638  |  |
| 27 | 10.17.1  | Grading roof for water proofing treatment with water proffing compound<br>Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                                     |   |      |      |      |       |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 | 14   | 8.23 | 0.05 | 5.76  |     |      |  |       |  |
|    |          | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |      |      |      | 5.76  | Cum | 4075 |  | 23476 |  |
| 28 | 3.8      | Providing & fixing precast cement concrete coping 1 : 2 : 4 mix 50mm thick complete as per specification :                                                                                                                                                                                                                                                                                                                                                                   |   |      |      |      |       |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 | 34.4 | 0.30 |      | 10.32 |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 | 11   | 0.15 |      | 1.65  |     |      |  |       |  |
|    |          | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |      |      |      | 11.97 | Sqm | 334  |  | 3998  |  |
| 29 | 8.13.2.2 | Providing and fixing external grade board solid core single leaf flush door shutters ISI 2202-67 marked using Phenol formal dehyderesin in glue both sides with approved steel fittings complete as per annexure 'A' :<br>30 mm thick<br>Decorative teak veneer One side                                                                                                                                                                                                     |   |      |      |      |       |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2 | 0.61 | 2.05 |      | 2.50  |     |      |  |       |  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 9 | 0.95 | 2.05 |      | 17.53 |     |      |  |       |  |
|    |          | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |      |      |      | 20.03 | Sqm | 1848 |  | 37013 |  |

*Alkhil*  
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 राजस्थान, जयपुर

*अमरनाथ*  
 (अध्यक्ष मोहम्मद)  
 मुख्य वन संरक्षक (आयोजना),  
 राजस्थान, जयपुर



|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   |      |      |  |       |     |      |         |  |  |
|----|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|------|--|-------|-----|------|---------|--|--|
| 30 | 9.28.1  | Providing and fixing steel glazed window frame made out of 80x40 mm hollow sheet section of 16 gauge thickness, joint mitred welded and grinded including hold fast of steel lugs 13mm x 3mm and 15 Cm long embedded in C C block 15 x 10 x 10 Cm of 1:3:6 nominal concrete and including fixing of pivoted hinges of superior quality, window shutters made out of 50 x 25.0 mm hollow steel section 15 mm paitam of 18 gauge thickness, joint mitred and grinded including 10mm x 10mm square bars welded to frame for paitam fixing float glass 4mm thick panes with glazing clips and metal sash putty and fixing of shutters frames peg stay, U shape handle 100 mm long, tower bolts 100 mm long of steel powder coated superior quality including fixing and jointing with frame hinges priming coat with steel primer complete in all respect as per direction of Engineer-in -charge Window openable. |   |      |      |  |       |     |      |         |  |  |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8 | 1.23 | 1.23 |  | 12.10 |     |      |         |  |  |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2 | 0.61 | 0.61 |  | 0.74  |     |      |         |  |  |
|    |         | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |      |      |  | 12.85 | Sqm | 3457 | 44413   |  |  |
| 31 | 15.25.1 | Providing and fixing in CM 1 : 4 double paitam (rebated) stone door window and ventilator frames of approved quarry : Size 100 x 75mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |      |      |  |       |     |      |         |  |  |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7 | 2.10 |      |  | 14.70 |     |      |         |  |  |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7 | 1.07 |      |  | 7.49  |     |      |         |  |  |
|    |         | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |      |      |  | 22.19 | mtr | 180  | 3994    |  |  |
| 32 | 7.5.1   | Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete.<br>Jhunjhunu / Jalore (Red/Chocolate/Black/Pink Colour)<br>Up to 1500 Cm2 Tiles Sqm. 1812.00                                                                                                                                                                                                                                                                                                                                                                                                            |   |      |      |  |       |     |      |         |  |  |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 | 1.53 | 0.6  |  | 0.92  |     |      |         |  |  |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 | 1.53 | 0.6  |  | 0.92  |     |      |         |  |  |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2 | 1.53 | 0.1  |  | 0.31  |     |      |         |  |  |
|    |         | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |      |      |  | 2.14  | Sqm | 1812 | 3881    |  |  |
| 33 | 6.17.1  | Supplying and fixing in walls machine cut and polished stone shelves, tands and in CM 1:3 with machine cut edges : Sand or other approved stone 25mm thick.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4 | 4.3  | 0.6  |  | 10.32 |     |      |         |  |  |
|    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3 | 3.05 | 0.6  |  | 5.49  |     |      |         |  |  |
|    |         | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |      |      |  | 15.81 | Sqm | 458  | 7241    |  |  |
| 34 | 7.8.2.1 | Granite/Kota Stone Work<br>Full Edge moulding                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 | 1.53 |      |  | 3.06  | Mtr | 212  | 649     |  |  |
|    |         | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |      |      |  |       |     |      | 1022628 |  |  |
|    |         | <b>Sanitary Work</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |      |      |  |       |     |      | 47500   |  |  |
|    |         | <b>Electricity Fitting</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |      |      |  |       |     |      | 73000   |  |  |
|    |         | <b>Under Ground 15000 Litre Capacity Water Tank</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |      |      |  |       |     |      | 53535   |  |  |
|    |         | <b>G. Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   |      |      |  |       |     |      | 1196663 |  |  |

*[Signature]*  
उप वन संरक्षक (प्रशासन)  
प्रधान मुख्य वन संरक्षक  
प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
राजस्थान, जयपुर

*[Signature]*  
(अमर सिंह मेहता)  
मुख्य वन संरक्षक (आयोजना)  
राजस्थान, जयपुर



**Model Estimate (Range Office)**  
(Sainitory Installation Work)

BSR : Jaipur (City Circle-2019)

| S.No. | B.S.R    | Particular                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Qty | Unit | Rate | Amount |
|-------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|--------|
| 1     | 1.2.1    | P & F Indian type white glazed vitreous china 1st quality W.C. orissa pan (IS :2556 Mark) with 100 mm vitreous china P or S trap including cutting and making good the wall and floor:<br>Size 530x410mm.                                                                                                                                                                                                                                                                   | 1   | No   | 2400 | 2400   |
| 2     | 1.3      | P & F European type white glazed vitreous china 1st quality W.C pan (IS : 2556 Mark) with P or S trap including cutting and making good the wall and floor                                                                                                                                                                                                                                                                                                                  | 1   | No   | 2200 | 2200   |
| 3     | 1.7.2    | P & F water closet Seat Covers with brass hinges complete : Solid PVC (IS 2548 marked) grade-I White for EWC                                                                                                                                                                                                                                                                                                                                                                | 1   | No   | 441  | 441    |
| 4     | 1.36.2   | WASH BASINS:<br>1.36 P & F WVC Wash basin (1st quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall :<br>Size 510 mm x 400 mm                                                                                                                                       | 2   | No   | 2189 | 4378   |
| 5     | 1.38.9.2 | KITCHEN & LAB. SINKS:<br>1.38 P & F Kitchen & Lab. Sink of approved make with C.I. brackets duly painted, 40 mm C.P. waste coupling, C.P. Brass chain with rubber plug, 40 mm G.I. waste pipe up-to floor level complete including cutting and making good the wall & floor :<br>1.0 mm thick stainless steel AISI -304 & IS 13983-1994 kitchen sink of approved make as per Engineer-in-charge with large waste coupling.<br>Overall size Bowl size<br>22 x 18 x 7 20x16x7 | 1   | No   | 3936 | 3936   |
| 6     | 1.23     | P & F WVC (10 litres) low-level flushing cistern with cover.                                                                                                                                                                                                                                                                                                                                                                                                                | 2   | No   | 753  | 1506   |
| 7     | 1.44.1   | P & F Bevelled edge Mirror/mirror with teak wood lipping around of special glass of approved make as per direction of Engineer-in-charge complete with 6mm thick commercial ply base fixed to wooden screws & washers.<br>Size 600 x 450mm x 4 mm thick                                                                                                                                                                                                                     | 2   | No   | 523  | 1046   |
| 8     | 1.47.1   | P & F Towel Rail or Ring of approved quality/make:<br>C.P. brass Towel Rail elbow type with concealed screws size 450mm (Heavy duty).                                                                                                                                                                                                                                                                                                                                       | 2   | No   | 425  | 850    |
| 9     | 1.47.8   | P & F Towel Rail or Ring of approved quality/make:<br>C.P. Brass Towel Ring revolving type                                                                                                                                                                                                                                                                                                                                                                                  | 2   | No   | 231  | 462    |
| 10    | 1.52.2   | P & F Soap Dish or Tray of approved quality/make<br>C.P. brass heavy and superior quality.                                                                                                                                                                                                                                                                                                                                                                                  | 2   | No   | 142  | 284    |
| 11    | 1.55.2   | P & F Bath Shower of approved quality/make.<br>C.P. brass of Heavy & superior quality 150mm.                                                                                                                                                                                                                                                                                                                                                                                | 2   | No   | 342  | 684    |
| 12    | 1.59     | P & F Jet spray for water closet with C.P. Copper Tube flange of approved make.                                                                                                                                                                                                                                                                                                                                                                                             | 20  | No   | 346  | 6920   |
| 13    | 2.1.1    | P & F G.I. pipes (Internal Work) with G.I. Fittings excluding union (IS:1239 Mark) & MS clamps including cutting and making good the walls and floors:<br>(a) Exposed on wall<br>2.1.1 15 mm dia nominal bore<br>'B' Class                                                                                                                                                                                                                                                  | 1   | RMT  | 209  | 209    |
| 14    | 2.7.1    | P & F Bib Cock (IS : 8931 Mark), Superior quality of approved make:<br>Brass 400 gm, 15mm nominal bore.                                                                                                                                                                                                                                                                                                                                                                     | 7   | No   | 271  | 1897   |

**उप वन संरक्षक (प्रशासन)**

प्रधान मुख्य वन संरक्षक  
प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
राजस्थान, जयपुर

**(अमर सिंह गोठवाल)**  
मुख्य वन संरक्षक (आयोजना)  
राजस्थान, जयपुर



|    |         |                                                                                                                                                                                                                                                                                                                                                                                  |   |     |      |       |
|----|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----|------|-------|
| 15 | 2.15.1  | P & F Full-way Valve (IS:778 Mark) or wheel valve of approved make :<br>Gun-metal 15mm nominal bore.                                                                                                                                                                                                                                                                             | 3 | No  | 206  | 618   |
| 16 | 2.26.3  | P & F PVC Storage Tank ISI Marked (IS : 12701) indicating the BIS license No), of approved make with cover, 25mm dia 1M long G.I. over-flow pipe & 25 Cm. long wash out pipe with plug & socket, including making connection etc., complete of approved design:<br>500 litres capacity.                                                                                          | 2 | No  | 3564 | 7128  |
| 17 | 3.16.2  | RIGID PVC PIPE<br>3.16 P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2 .) approved quality /make including joining the pipe with solvent cement rubber ring and lubricant.<br>75 mm dia                                                                                                                                                                                  | 6 | RMT | 161  | 966   |
| 18 | 3.16.3  | RIGID PVC PIPE<br>3.16 P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2 .) approved quality /make including joining the pipe with solvent cement rubber ring and lubricant.<br>110 mm dia                                                                                                                                                                                 | 9 | RMT | 256  | 2304  |
| 19 | 3.17.1  | P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:<br>Coupler (socket)                                                                                                                                                                                                              |   |     |      | 0     |
|    |         | 75mm dia                                                                                                                                                                                                                                                                                                                                                                         | 6 | No  | 79   | 474   |
| 20 |         | 110mm dia                                                                                                                                                                                                                                                                                                                                                                        | 4 | No  | 98   | 392   |
| 21 | 3.17.3  | P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:<br>Plain Tee                                                                                                                                                                                                                     |   |     |      | 0     |
|    |         | 75mm dia                                                                                                                                                                                                                                                                                                                                                                         | 2 | No  | 104  | 208   |
|    |         | 110mm dia                                                                                                                                                                                                                                                                                                                                                                        | 1 | No  | 170  | 170   |
| 22 | 3.17.4  | P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:<br>Door Tee<br>110mm dia                                                                                                                                                                                                         | 2 | No  | 194  | 388   |
| 23 | 3.17.9  | P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:<br>Bend 87.5                                                                                                                                                                                                                     |   |     |      | 0     |
|    |         | 75mm dia                                                                                                                                                                                                                                                                                                                                                                         | 6 | No  | 88   | 528   |
|    |         | 110mm dia                                                                                                                                                                                                                                                                                                                                                                        | 1 | No  | 146  | 146   |
| 24 | 3.17.23 | P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:<br>P- Trap<br>110mm dia                                                                                                                                                                                                          | 5 | No  | 347  | 1735  |
| 25 |         | VENT COWER                                                                                                                                                                                                                                                                                                                                                                       | 2 | No  | 51   | 102   |
| 26 | 3.24.1  | Construction of Soakage well in all types of soil of approved drawing, top 90 Cm .Portion in 450mm thick masonry with CM 1:6, 80 mm thick stone slab covering, jointing of slab in CM 1:3 ,Ralthal, kharanja 40mm thick M-15 grade C.C flooring, earth work etc . complete including disposal of surplus earth within a lead of 50 mtr .<br>Inner dia 90 Cm & 10 to 12 Mtr deep. | 1 | No  | 4948 | 4948  |
|    |         | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                     |   |     |      | 47320 |

उप वन संरक्षक (प्रशासन)  
प्रधान मुख्य वन संरक्षक  
प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
राजस्थान, जयपुर

अमर सिंह गोठवाल  
मुख्य वन संरक्षक (आयोजना)  
राजस्थान, जयपुर



## Detailed Estimate of Coumpound Wall of Forest Chouki

Length of compound wall = 100 mtr and

Height of compound wall = 2.10mtr (1.20 stone wall + 0.90mtr Chain link fencing)

BSR - PWD Integrated BSR of Rajasthan 2022

| Sr. No. | BSR Item No. | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Nos   | Length | Width | Height/Depth | Qty   | Rate    | Amount    |
|---------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|--------|-------|--------------|-------|---------|-----------|
| 1       | 2019/1.8     | Earth work in excavation by mechanical means (Hydraulic Excavator )/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including taking out the excavated soil and depositing and refilling of jhiri with watering & ramming and disposal of surplus excavated soil as directed with in a lead of 50 meter.<br>All kinds of soils | CUM  | 1.00  | 100.00 | 0.60  | 0.75         | 45.00 | 178.00  | 8010.00   |
| 2       | 2019/ 3.1.7  | Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.<br>1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40mm nominal size).                                                                                                                                                                    | CUM  | 1.00  | 100.00 | 0.60  | 0.10         | 6.00  | 2956.00 | 17736.00  |
| 3       | 2019/ 6.1.6  | Random Rubble stone masonry for foundation and plinth in Cement Sand Mortar above 30 Cm. thick wall in :<br>Cement Mortar 1:6 (1-Cement:6-Sand)<br>First Footing                                                                                                                                                                                                                                                                                    |      |       |        |       |              |       |         |           |
|         |              | Pillars                                                                                                                                                                                                                                                                                                                                                                                                                                             | CUM  | 20.00 | 0.60   | 0.60  | 0.38         | 2.74  |         |           |
|         |              | Walls                                                                                                                                                                                                                                                                                                                                                                                                                                               | CUM  | 1.00  | 88.00  | 0.53  | 0.38         | 17.72 |         |           |
|         |              | Second Footing                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |        |       |              |       |         |           |
|         |              | Pillars                                                                                                                                                                                                                                                                                                                                                                                                                                             | CUM  | 20.00 | 0.50   | 0.50  | 0.38         | 1.90  |         |           |
|         |              | Walls                                                                                                                                                                                                                                                                                                                                                                                                                                               | CUM  | 1.00  | 90.00  | 0.45  | 0.38         | 15.39 |         |           |
|         |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |        |       |              | 37.75 | 2838.00 | 107132.23 |
| 4       | 2019/ 6.2.6  | Random Rubble stone masonry for superstructure above plinth level one storey height above 30 Cm. thick walls in :<br>Cement Mortar 1:6 (1-Cement:6-Sand).                                                                                                                                                                                                                                                                                           |      |       |        |       |              |       |         |           |
|         |              | Pillars                                                                                                                                                                                                                                                                                                                                                                                                                                             | CUM  | 20.00 | 0.45   | 0.45  | 1.20         | 4.86  |         |           |
|         |              | Walls                                                                                                                                                                                                                                                                                                                                                                                                                                               | CUM  | 1.00  | 91     | 0.38  | 1.20         | 41.50 |         |           |
|         |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |        |       |              | 46.36 | 3479.00 | 161272.52 |
| 5       | 2019/ 3.10   | Providing and laying damp-proof course with cement concrete grade M-150 (1 : 2 : 4) mortar prepared with 1% solution of water-proof compound complete as per specification . 50mm thick.                                                                                                                                                                                                                                                            |      |       |        |       |              |       |         |           |
|         |              | Pillars                                                                                                                                                                                                                                                                                                                                                                                                                                             | Sqm  | 20.00 | 0.45   | 0.45  |              | 4.05  |         |           |
|         |              | Walls                                                                                                                                                                                                                                                                                                                                                                                                                                               | Sqm  | 1.00  | 91     | 0.38  |              | 34.58 |         |           |
|         |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |        |       |              | 38.63 | 391.00  | 15104.33  |

  
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 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
 राजस्थान, जयपुर

  
**(अमर सिंह मोदी)**  
 मुख्य वन संरक्षक (आयोजना)  
 राजस्थान, जयपुर



|    |                  |                                                                                                                                                                                                                                                                                                                                                                  |     |       |        |       |      |       |        |           |
|----|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|-------|------|-------|--------|-----------|
| 6  | 2019/<br>12.3.1  | Plaster on new surface on walls in cement sand mortar 1:6 including racking of joint etc. complete fine finish : 25mm thick.                                                                                                                                                                                                                                     |     |       |        |       |      |       |        |           |
|    |                  | Pillars                                                                                                                                                                                                                                                                                                                                                          | Sqm | 80.00 |        | 0.035 | 1.20 | 3.36  |        |           |
|    |                  |                                                                                                                                                                                                                                                                                                                                                                  |     | 40.00 |        | 0.45  | 1.20 | 21.6  |        |           |
|    |                  |                                                                                                                                                                                                                                                                                                                                                                  |     |       |        |       |      | 24.96 | 211.00 | 5266.56   |
| 7  | 2019/<br>12.31.2 | Pointing on stone masonry in cement sand mortar 1:3 (1 cement : 3 sand) :                                                                                                                                                                                                                                                                                        |     |       |        |       |      |       |        |           |
|    |                  | Wall                                                                                                                                                                                                                                                                                                                                                             | Sqm | 2.00  | 91     |       | 1.20 | 218.4 | 233.00 | 50887.20  |
| 8  | 2019/<br>9.36.1  | Supplying and fixing of chain link fencing with angle iron posts 50x50x6mm placed at every 3 Mtr. apart 30cm in ground embedded in cement concrete 1:3:6 (30x30x45cm) corner and every tenth post to be strutted with (50 x 50 x 6cm) angle iron provided and fixed and fitted with posts including earth work in excavation etc. complete with chain link size. |     |       |        |       |      |       |        |           |
| 9  |                  | 50mm x 50mm x 3.15mm.                                                                                                                                                                                                                                                                                                                                            | Sqm | 1.00  | 100.00 |       | 0.90 | 90    | 629.00 | 56610.00  |
|    | 2019/<br>12.37.1 | Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including all scaffolding:<br>New work (two or more coats) over and including scrapping and priming coat with cement primer.                                                                                                                              |     |       |        |       |      |       |        |           |
| 10 |                  |                                                                                                                                                                                                                                                                                                                                                                  | Sqm |       |        |       |      | 17.65 | 75.00  | 1323.75   |
| 11 |                  |                                                                                                                                                                                                                                                                                                                                                                  |     |       |        |       |      |       |        | 1657.41   |
|    |                  |                                                                                                                                                                                                                                                                                                                                                                  |     |       |        |       |      |       | Total  | 425000.00 |

Per running meter cost = 4250.00

*[Signature]*  
**उप वन संरक्षक (प्रशासन)**  
 प्रधान मुख्य वन संरक्षक  
 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार  
 राजस्थान, जयपुर

*[Signature]*  
**(अमर सिंह गोडवाल)**  
 मुख्य वन संरक्षक (आयोजन)  
 राजस्थान, जयपुर



## Model Estimate

### Construction of Tube well / Solar Pump Moter / Solar Light / Unfroseen & Miscellaneous

| S.No. | Particulars                                                                                                                                                     | QTY    | unit | Rate    | Amount            |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|---------|-------------------|
| 1     | Construction of tube well up to 100 metre depth and above from ground level to                                                                                  |        |      |         |                   |
|       | 1 Nominal bore 200mm dia. Depth up to 100 mtr                                                                                                                   | 175.00 | Mtr  | 1464.00 | 256200.00         |
|       | 2 Supply of strainer pipes made of ERW M.S. black pipe ISI mark of following sizes at the saite of work including required size of slotting as per IS:8110-1985 | 50.00  | Mtr  | 2630.00 | 131500.00         |
|       | 3 Installation of solar pump motor with accessories 5 HP                                                                                                        |        | Nos. | LS      | 450000.00         |
|       | 4 Installation of solar Lighting system with 2 KW                                                                                                               |        | Nos. | LS      | 150000.00         |
|       | 5 Unfroseen and miscellaneous expenditure                                                                                                                       |        |      |         | 12300             |
|       | <b>Total</b>                                                                                                                                                    |        |      |         | <b>1000000.00</b> |

*Abhishek*

**रघु दत्त सरावक (प्रशासन)**

प्रधान मुख्य वन सरावक

प्रशिक्षण, अनुसंधान, शिवा एवं पत्राचार

राजस्थान, जयपुर

(अमर सिंह गोडवाल)

**मुख्य वन सरावक (आयोजना)**

राजस्थान, जयपुर

*Suraj*



# Model Estimate

## Construction of Septic Tank

| S.No. | Particulars                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | QTY | unit | Rate | Amount    |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|-----------|
| 2     | Construction of Septic Tank size 2.30 X 1.10 X 1.50 Mtr. In all types soil with 40 cm thick masonry in cm 1:6, 15 cm thick CC bed of 1:5:10, M - Floor, 50 mm thick stone slab partitio walls, Supply of Soling Stone 23cm, 15cm Stone Agg. 40 mm, 20mm, 6-12mm, PVC Pipe 110mm, Bend 45 degree, Plain Tee, 4 nos. stone Fotrest of approved design, two No. 450 mm dia each per approved drawing including disposal of surplus earth with in a lead of 50 mtr size 203 X 110 X 150 cm (for 20 users) with 1.15 mm thick RCC (M-20) slab with T or steel reinforcement 10 mm @ 15cm CC bothways including shuttering complete in all respect. | LS  | LS   | LS   | 40,000.00 |

*Signature*

उप वन संरक्षक (प्रशासन)

प्रधान मुख्य वन संरक्षक

प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार

राजस्थान, जयपुर

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# Model Cost Norms for Boundary Pillar

Cost estimate – 9000/ unit .

| S.No | Description of work                                                                                                                                                                                                                                                                                                                                                                                     | Bsr i.no                                            | Unit | Quantity | Rate        | Cost    |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------|----------|-------------|---------|
| 1    | 2                                                                                                                                                                                                                                                                                                                                                                                                       | 3                                                   | 4    | 5        | 6           | 7       |
| 1    | Earth work in excavation in soil.foundation length 1.20m, width 1.20m, depth 0.30m per pillar volumn 0.432 cum.                                                                                                                                                                                                                                                                                         | PWD-BSR2019<br>Jaipur circle<br>Item no-1.8 ch-B1   | cum  | 0.432    | 162.00      | 69.98   |
| 2    | Cement concrete in foundation & 40mm size aggregate 1:4:8 mixer.pillar size -1.20m.l x1.20m w x0.30m d.=0.432cum                                                                                                                                                                                                                                                                                        | PWD-BSR2019<br>Jaipur circle<br>Item no-3.1.6 ch-B3 | cum  | 0.432    | 3002/p.cum  | 1296.86 |
| 3    | Cement concrete in sub structure & 40mm aggregate 1:4:8 mixer cement concrete<br>Lower size – 1.20 m.l x 1.20 m.w (A1)<br>Upper size – 0.80 m.l x 0.80 m.w (A2)<br>height – 1.00 m (H)<br>volumn –<br>$(H/3) \times (A1 + A2 + \sqrt{A1 \times A2})$<br>=<br>$(1.00 \times 3) \times (1.44 + 0.64 + \sqrt{1.44 \times 0.64})$<br>= 1.0133 cum<br>Top 0.30x0.30x0.30 = 0.027 cum<br>Total Qty = 1.04 cum | PWD-BSR2019<br>Jaipur circle<br>Item no-3.2.4 ch-B3 | cum  | 1.04     | 3927/p.cu.m | 4084.08 |

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|   |                                                                                                                                                                                                                                                                                                                          |                                                       |      |                 |            |                  |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------|-----------------|------------|------------------|
| 4 | Providing and fabricating reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding(including cost of binding wire) all complete for whole structure.<br>Cold twisted deformed bars(IS:1786)4 x0.35=1.40m<br>2 x1.10=2.20m<br>Total=3.60m<br>(3.60 x 0.395=1.42kg or1.5 kg |                                                       |      | 1.5kg           | 77         | 115              |
| 5 | Centering & shuttering to settle column and pillar.<br>ground —4 x1.2 x.30= 1.44<br>middle- 4x0.80+1.20x1.02=4.08<br>2<br>Top-4x0.3x0.3=0.36                                                                                                                                                                             | PWD-BSR2019<br>Jaipur circle<br>Item no-4.10.3 ch-B4  | Sq m | 5.88            | 341 /p.sqm | 2005             |
| 6 | Plaster on 15mm thick as 1:6<br>1x4x1.20+.80x1.00=4.00<br>2<br>Top—1 x.80 x.80= 0.64<br>1x4x0.30x0.30=0.36<br>Total Plaster = 5.00 sq.m                                                                                                                                                                                  | PWD-BSR2019<br>Jaipur circle<br>Item no-12.3.3 ch-B12 | Sq m | 5.00            | 133/p.sq.m | 665              |
| 7 | Water Curing                                                                                                                                                                                                                                                                                                             |                                                       |      |                 | Lum-sum    | 400              |
| 8 | Paint and carving on pillar                                                                                                                                                                                                                                                                                              |                                                       |      | on market price | Lum-sum    | 400              |
|   |                                                                                                                                                                                                                                                                                                                          |                                                       |      |                 | Total      | 9035<br>Say-9000 |

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