

-95-

Estimate for Following works are proposed to take up for Kaleshwaram Project in Mahadevpur Division.

| Sl.No | Name of the Work                                                                                         | Quantity | Rate              | Per       | AMOUNT IN LAKHS |
|-------|----------------------------------------------------------------------------------------------------------|----------|-------------------|-----------|-----------------|
| 1     | Engaging of protection watchers 5 members for 5 years "5x7500 per month X 60 months X 5 Camps            | "5x5x5"  | 7500              | Month     | 112.50          |
| 2     | construction of protection cum supervisory hut 3 Nos                                                     | 3 No.s   | 2000000           | each      | 60.00           |
| 3     | Material shed after felling in govt timber depo                                                          | 1 No.    | 3500000           | -         | 35.00           |
| 4     | Engaging of Technical officer and Computer operator 3 Nos for 5 years                                    | 3 No.s   | 25000             | per month | 45.00           |
| 5     | Catchment area treatment to the SMC works like SCT's, PT's and CD's are to be taken in the effected area | -        | -                 | LS        | 50.00           |
| 6     | Construction of interputation centre and 5 years maintenance                                             | -        | -                 | LS        | 50.00           |
| 7     | Watch towers to monitor fire incidents                                                                   | 5 No.s   |                   |           | 25.00           |
| 8     | Nursery infrastucture                                                                                    | LS       |                   |           | 30.00           |
| 9     | Planting operation on the bunds with 5 year maintenance                                                  | 130Ha    | Estimate Enclosed |           | 190.33          |
| 10    | ANR works in degraded areas                                                                              |          | LS                |           | 50.00           |
| 11    | Administrative and monitoring cost 10%                                                                   | -        | -                 | -         | 64.17           |
|       | Grand Total                                                                                              |          |                   |           | 712.00          |

  
Forest Divisional Officer,  
Mahadevpur

**Forest Divisional Officer  
Mahadevpur**

# Scheme proposals for Raising of Block plantation for diversion of Kaleshwaram project in Mahadevpur Division

Area in Ha & Fin in lakhs

| Sl. No | Item of work                       | Total Area in Ha | 2017-18 |       |                 | 2018-19 |       |                 | 2019-20 |       |                 | 2020-21 |       |                 | 2021-22 |      |                 | 2022-23 |      |                 | 2023-24 |       |                 | Grand total (Rs in lakhs) |
|--------|------------------------------------|------------------|---------|-------|-----------------|---------|-------|-----------------|---------|-------|-----------------|---------|-------|-----------------|---------|------|-----------------|---------|------|-----------------|---------|-------|-----------------|---------------------------|
|        |                                    |                  | Phy     | Rate  | Amount in lakhs | Phy     | Rate  | Amount in lakhs | Phy     | Rate  | Amount in lakhs | Phy     | Rate  | Amount in lakhs | Phy     | Rate | Amount in lakhs | Phy     | Rate | Amount in lakhs | Phy     | Rate  | Amount in lakhs |                           |
| 1      | Advance Operations                 |                  | 130.00  | 24000 | 31.200          |         |       |                 |         |       |                 |         |       |                 |         |      |                 |         |      |                 |         |       |                 | 31.200                    |
| 2      | Raising of Plantation              |                  |         |       |                 | 130.00  | 51200 | 66.560          |         |       |                 |         |       |                 |         |      |                 |         |      |                 |         |       |                 | 66.560                    |
| 3      | 1st Year Maintenance of Plantation |                  |         |       |                 |         |       |                 | 130.00  | 24700 | 32.110          |         |       |                 |         |      |                 |         |      |                 |         |       |                 | 32.110                    |
| 4      | 2nd Year Maintenance of Plantation |                  |         |       |                 |         |       |                 |         |       |                 | 130.00  | 14000 | 18.200          |         |      |                 |         |      |                 |         |       |                 | 18.200                    |
| 5      | 3rd Year Maintenance of Plantation |                  |         |       |                 |         |       |                 |         |       |                 |         |       |                 | 130.00  | 6000 | 7.800           |         |      |                 |         |       |                 | 7.800                     |
| 6      | 4th Year Maintenance of Plantation |                  |         |       |                 |         |       |                 |         |       |                 |         |       |                 |         |      |                 | 130.00  | 6200 | 8.061           |         |       |                 | 8.061                     |
| 7      | 5th Year Maintenance of Plantation |                  |         |       |                 |         |       |                 |         |       |                 |         |       |                 |         |      |                 |         |      | 130.00          | 7000    | 9.100 |                 | 9.100                     |
|        | TOTAL                              |                  |         |       | 31.200          |         |       | 66.560          |         |       | 32.110          |         |       | 18.200          |         |      | 7.800           |         |      | 8.061           |         |       | 9.100           | 173.031                   |
| 8      | Overhead Misc Exp (10%)            |                  |         |       | 3.120           |         |       | 6.656           |         |       | 3.211           |         |       | 1.820           |         |      | 0.780           |         |      | 0.806           |         |       | 0.910           | 17.303                    |
|        | <del>GRAND</del> GRAND TOTAL       |                  |         |       | 34.320          |         |       | 73.216          |         |       | 35.321          |         |       | 20.020          |         |      | 8.580           |         |      | 8.867           |         |       | 10.010          | 190.334                   |

Forest Divisional Officer  
Mahadevpur

97

1 Ha:Unit cost

Raising of Misc Plantation

Esp: 3X3

| Sl.No | Item of work                           | FSR item No | Qty      | Rate    | Unit | Amount  |
|-------|----------------------------------------|-------------|----------|---------|------|---------|
| 1     | Deep Ploughing                         | 02.09.01    | 130      | 3004.60 | Ha   | 390598  |
| 2     | Removing                               | 02.09.04    | 130      | 853.42  | Ha   | 110945  |
| 2     | Alignment & Staking                    | 02.09.07    | 144430   | 74.20   | 100  | 107167  |
| 3     | Cost of 0.45 M stake preparation       | 02.09.09    | 144430   | 47.30   | 100  | 68315   |
| 4     | Digging of 45 cm cube pit              | 02.09.11    | 144430   | 8.84    | each | 1276761 |
| 5     | Trans upto 10 Kms                      | 02.09.13    | 144430   | 96.79   | 100  | 139794  |
| 6     | Trans above 10 Kms (50Kms)             | 02.09.16    | 144430   | 169.00  | 100  | 244087  |
| 7     | Internal transportation                | 02.09.22    | 144430   | 76.25   | 100  | 110128  |
| 8     | planting                               | 02.09.27    | 144430   | 363.37  | 100  | 524815  |
| 9     | Circular weeding                       | 02.09.31    | 144430   | 103.79  | 100  | 149904  |
| 10    | Circular weeding cum deep soil working | 02.09.32    | 144430   | 545.08  | 100  | 787259  |
| 11    | Replacement casualties 20%             | 02.09.29    |          |         |      |         |
|       | Digging of 45 cm cube pit              | 02.09.11    | 28886    | 4.42    | each | 127676  |
|       | Trans upto 10 Kms                      | 02.09.13    | 28886    | 48.40   | 100  | 13979   |
|       | Trans above 10 Kms (50Kms)             | 02.09.16    | 28886    | 84.50   | 100  | 24409   |
|       | Internal transportation                | 02.09.22    | 28886    | 38.13   | 100  | 11013   |
| 12    | Inter ploughing                        | 02.09.33    | 130      | 2048.90 | Ha   | 266357  |
| 13    | Cost of chemicals                      | 02.09.25    | 144430   | 1.00    | each | 144430  |
| 14    | Appliocation of Chemical               | 02.09.24    | 144430   | 32.62   | 100  | 47113   |
| 13    | Cost of fertilizers                    |             | 144430   | 1.00    | each | 144430  |
| 14    | Appliocation of Fertilizers            | 02.09.30    | 144430   | 32.62   | 100  | 47113   |
| 16    | Watch and ward                         | 02.09.38    | 5 Nosx9M | 7500.00 | PM   | 337500  |
| 17    | Uprootal of Mahaveccra                 | 02.09.36    | 130      | 3032.48 | Ha   | 394222  |
| 20    | Misc Exp ( Display board etc)          |             |          |         |      | 31985   |
|       | 2016-17                                |             |          |         |      | 5500000 |
|       | Per Ha                                 |             |          |         |      | 42308   |
|       | 2017-18                                |             |          |         |      | 46538   |
|       | 2018-19                                |             |          |         |      | 51192   |
|       |                                        |             |          |         | or   | 51200   |

98

## 1 Ha: Unit cost

## Advance Operation for plantation

| Sl.no | Item of work                                                                                                                                                                                 | FSR item No | Qty   | Rate     | Unit       | Amount  |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|----------|------------|---------|
| 1     | Survey                                                                                                                                                                                       | 02.08.01    | 5.00  | 311.04   | Plantation | 1555    |
| 2     | Clearing                                                                                                                                                                                     |             |       |          |            |         |
|       | Very Light jungle growth (50%)                                                                                                                                                               | 02.08.03    | 65.00 | 2598.59  | Ha         | 168908  |
|       | Light jungle growth (50%)                                                                                                                                                                    | 02.08.04    | 65.00 | 5207.65  | Ha         | 338497  |
| 3     | Uprootal of stumps to a depth of 45 cm (excluding unsuitable patches) with heavy machinery fitted with 0.90 cum and above capacity bucket, filling the pits caused by uprootal and leveling. |             |       |          |            |         |
|       | Very Light jungle growth (50%)                                                                                                                                                               | 02.08.06    | 65.00 | 8434.51  | Ha         | 548243  |
|       | Light jungle growth (50%)                                                                                                                                                                    | 02.08.07    | 65.00 | 10965.25 | Ha         | 712741  |
| 4     | Collection and removal of uprooted stumps of all sizes, other debris etc., to outside the plantation site                                                                                    |             |       |          |            |         |
|       | Very Light jungle growth (50%)                                                                                                                                                               | 02.08.09    | 65.00 | 7363.33  | Ha         | 478616  |
|       | Light jungle growth (50%)                                                                                                                                                                    | 02.08.10    | 65.00 | 8585.68  | Ha         | 558069  |
| 5     | Misc Exp                                                                                                                                                                                     |             |       |          |            | 13369   |
|       | 2016-17                                                                                                                                                                                      |             |       |          |            | 2820000 |
|       | Per Ha                                                                                                                                                                                       |             |       |          |            | 21692   |
|       | 2017-18                                                                                                                                                                                      |             |       |          |            | 23862   |
|       |                                                                                                                                                                                              |             |       |          | Or         | 24000   |

99

1 Ha:Unit cost

1st Year maintenance of Misc Plantation

Esp: 3X3

| Sl.No | Item of work                           | FSR item No | Qty              | Rate    | Unit | Amount  |
|-------|----------------------------------------|-------------|------------------|---------|------|---------|
| 1     | Circular weeding                       | 02.10.02    | 144430           | 103.79  | 100  | 149904  |
| 2     | Circular weeding cum deep soil working | 02.10.03    | 144430           | 548.08  | 100  | 791592  |
| 3     | Replacement of Casualties 25%          | 02.10.01    |                  |         |      |         |
|       | Digging of 45 cm cube pit              | 02.09.11    | 28886            | 8.84    | each | 255352  |
|       | Trans upto 10 Kms                      | 02.09.13    | 28886            | 96.80   | 100  | 27962   |
|       | Trans above 10 Kms (50Kms)             | 02.09.16    | 28886            | 169.00  | 100  | 48817   |
|       | Internal transportation                | 02.09.22    | 28886            | 76.25   | 100  | 22026   |
| 4     | Inter ploughing                        | 02.10.05    | 130              | 2048.90 | Ha   | 266357  |
| 6     | Watch and ward                         | 02.10.08    | 5<br>Nosx12<br>M | 7500.00 | PM   | 450000  |
| 7     | Uprootal of Mahaveera                  | 02.10.04    | 130              | 3032.48 | Ha   | 394222  |
| 8     | Misc Exp                               |             |                  |         |      | 3768    |
|       | 2016-17                                |             |                  |         |      | 2410000 |
|       | Per Ha                                 |             |                  |         |      | 18538   |
|       | 2017-18                                |             |                  |         |      | 20392   |
|       | 2018-19                                |             |                  |         |      | 22432   |
|       | 2019-20                                |             |                  |         |      | 24675   |

Or

24700

102

**1 Ha:Unit cost**

**2nd Year maintenance of Misc Plantation**

**Esp: 3X3**

| Sl.No | Item of work                           | FSR item No | Qty          | Rate    | Unit   | Amount  |
|-------|----------------------------------------|-------------|--------------|---------|--------|---------|
| 1     | Circular weeding cum deep soil working | 02.11.01    | 144430       | 545.08  | 100.00 | 787259  |
| 2     | Watch and ward                         | 02.11.04    | 5<br>Nosx12M | 7500.00 | PM     | 450000  |
| 5     | Misc Exp                               |             |              |         |        | 2741    |
|       | 2016-17                                |             |              |         |        | 1240000 |
|       | Per Ha                                 |             |              |         |        | 9538    |
|       | 2017-18                                |             |              |         |        | 10492   |
|       | 2018-19                                |             |              |         |        | 11542   |
|       | 2019-20                                |             |              |         |        | 12696   |
|       | 2020-21                                |             |              |         |        | 13965   |
|       | or                                     |             |              |         | or     | 14000   |
|       |                                        |             |              |         |        |         |

10/

1 Ha:Unit cost

## 3rd Year maintenance of Misc Plantation

Esp: 3X3

| Sl.No | Item of work   | FSR item No | Qty          | Rate    | Unit | Amount |
|-------|----------------|-------------|--------------|---------|------|--------|
| 2     | Watch and ward | 02.11.04    | 5<br>Nosx12M | 7500.00 | PM   | 450000 |
| 5     | Misc Exp       |             |              |         |      | 5000   |
|       | 2016-17        |             |              |         |      | 455000 |
|       | Per Ha         |             |              |         |      | 3500   |
|       | 2017-18        |             |              |         |      | 3850   |
|       | 2018-19        |             |              |         |      | 4235   |
|       | 2019-20        |             |              |         |      | 4659   |
|       | 2020-21        |             |              |         |      | 5124   |
|       | 2021-22        |             |              |         |      | 5637   |
|       |                |             |              |         | or   | 6000   |

## 1 Ha:Unit cost

## 4th Year maintenance of Misc Plantation

Esp: 3X3

| Sl.No | Item of work   | FSR item No | Qty          | Rate    | Unit | Amount |
|-------|----------------|-------------|--------------|---------|------|--------|
| 2     | Watch and ward | 02.11.04    | 5<br>Nosx12M | 7500.00 | PM   | 450000 |
| 5     | Misc Exp       |             |              |         |      | 5000   |
|       | 2016-17        |             |              |         |      | 455000 |
|       | Per Ha         |             |              |         |      | 3500   |
|       | 2017-18        |             |              |         |      | 3850   |
|       | 2018-19        |             |              |         |      | 4235   |
|       | 2019-20        |             |              |         |      | 4659   |
|       | 2020-21        |             |              |         |      | 5124   |
|       | 2021-22        |             |              |         |      | 5637   |
|       | 2022-23        |             |              |         |      | 6200   |
|       |                |             |              |         |      |        |

1 Ha:Unit cost

## 5th Year maintenance of Misc Plantation

Esp: 3X3

| Sl.No | Item of work   | FSR item No | Qty          | Rate    | Unit | Amount |
|-------|----------------|-------------|--------------|---------|------|--------|
| 2     | Watch and ward | 02.11.04    | 5<br>Nosx12M | 7500.00 | PM   | 450000 |
| 5     | Misc Exp       |             |              |         |      | 5000   |
|       | 2016-17        |             |              |         |      | 455000 |
|       | Per Ha         |             |              |         |      | 3500   |
|       | 2017-18        |             |              |         |      | 3850   |
|       | 2018-19        |             |              |         |      | 4235   |
|       | 2019-20        |             |              |         |      | 4659   |
|       | 2020-21        |             |              |         |      | 5124   |
|       | 2021-22        |             |              |         |      | 5637   |
|       | 2022-23        |             |              |         |      | 6200   |
|       | 2023-24        |             |              |         |      | 6821   |

or

7000