

Government of Karnataka
Forest Department

Powergrid- Project

Compensatory Afforestation for the year 2017-18

Location :- Byarashettyhalli Sy. No. 76

Deputy Conservator of Forests, Ramanagara Division, Ramanagara

CAMPA SCHEME - BYARASHETTHALLI SY. NO. 76 IN CHANNAPATNA RANGE

DISTRICT:- RAMANAGARA

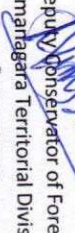
BUDGET HAED:- CAMPA

ACTUAL APO:- 9.522 lakhs

CIRCLE : BANGALORE

DIVISION: RAMANAGARA

| Sl. No. | Component/ Works | Name of the Range | Location | Extent (in Ha/Km.) | Unit Cost | Amount | Remarks |
|---------|--|-------------------|--|--------------------|-----------|----------------|---------|
| 1 | Advance work (500 Trenches and 100 Pits = 1600 Seedlings) Model -4 | Channapatna | Byarashettyhalli Sy. No. 76 | 3.5 | 28500 | 99,750 | |
| | | | Total | 3.5 | | 99,750 | |
| 2 | Raising of Nursery (5"x8" Size 1800 Pbs including 20% Replacement | Channapatna | Kengal Nursery - Byarashettyhalli Sy. No. 76 | 6300 | 4.50 | 28,350 | |
| | | | Total | 6300 | | 28,350 | |
| 3 | Raising of Nursery (8"x12" Size 120 Pbs including 20% Replacement | Channapatna | Kengal Nursery - Byarashettyhalli Sy. No. 76 | 420 | 14.60 | 6,132 | |
| | | | Total | 420 | | 6,132 | |
| 4 | Soil and Moisture Conservation measures | Channapatna | Byarashettyhalli Sy. No. 76 | 3.5 | 31525 | 110,338 | |
| | | | Total | 3.5 | | 110,338 | |
| 5 | Resurveying redemarcation and other works for section 4 notification | Channapatna | Byarashettyhalli Sy. No. 76 | 3.5 | 5580 | 19,530 | |
| | | | Total | 3.5 | | 19,530 | |
| 5 | Administration & Supervision chares | Channapatna | Byarashettyhalli Sy. No. 76 | 3.5 | 2.14 | 7 | |
| | | | Total | 3.5 | | 7 | |
| 6 | Barbed Wire Fencing 4 Strands) | Channapatna | Byarashettyhalli Sy. No. 76 | 3.058 | 225000 | 688,050 | |
| | | | Total | 3.058 | | 688,050 | |
| | | | Grand Total | | | 952,157 | |


 Deputy Conservator of Forests,
 Ramanagara Territorial Division,
 Ramanagara

DATA SHEET FOR RAISING FUELWOOD PLANTATION
PART A : ADVANCE WORKS
(Average of 500 Trenches and 100 pits = 1600 Seedlings)


| Sl No. | SSR No. | Particulars of Works | Qty | Rate | per Unit | Amount |
|--------|---------|---|----------|----------|----------|------------------|
| 1 | 100b | Survey and demarcation of plantation boundary lines after clearing the rank growth to a width of 2 mtr in the areas with sparse under | 72 Mtrs | 782.75 | 1000 | 56.36 |
| 2 | 28a | Aligning in the planting area along the contrours & Marking for pit (without staking) | 500 Trs | 910.21 | 1000 | 455.11 |
| 3 | 29 (b) | Aligning in the planting area along the contrours & Marking for pit (without staking) | 100 Pits | 291.28 | 1000 | 29.13 |
| 4 | 94a | Mechanical exavation of cattle proof trench of size top width 1.5 M bottom 1.0 M and rertical depth 1.0 M with an initial lead upto 2 M and depositing the excavated sil uniformly over the inner side of the CPT and forming concial mound of height 1.0 M | 90 M3 | 93.32 | Per cum | 8,398.80 |
| 5 | 31 (b) | Excavation of contour trenches of size 4M x 0.45 M x 0.45 M / Dozing by using bulldozer 500 trs 4m x 0.45mx0.45m = 405 (Rate for raising as per the AR model data Sheet communicated by principal chief Conservator of Forests (HOFF) | 1 M3 | 15558.12 | Per Cum | 15,558.12 |
| 6 | 29-c-ii | Excavation of pits with vertically cut edges to make an unifrom cube and heaping the exavated sil (1/3rd top soil on the upper side & 2/3rd on the lower side) In hard soil pits of size 0.60x0.60x0.60 for 100 pits =21.60 M3 | 21.6 M3 | 152.90 | Per Cum | 3,302.64 |
| 7 | RQ | Purchase of seeds for sowing on the mounds | 1 Ha. | 500.00 | Ha | 500.00 |
| 8 | | Miscellaneous | 1 Ha. | 199.85 | Ha | 199.85 |
| | | Total | | | | 28,500.00 |


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RAISING OF SEEDLINGS IN 5'x8" POLYTHENE BAGS FOR THE YEAR 2017-18

QUANTITY: 1,000 PBS

| Sl. No. | CSSR Item NO. | Particulars of works | Qty. | Rate | Per | Amount |
|---------|---------------|---|-----------------------|----------|-------|----------|
| 1 | By Tender | Cost of Polythene Bags (1 Kg= 320 Bags) including 5% VAT | 3.12 Kg | 165.118 | 1.00 | 515.17 |
| 2 | 12(a) | Procurement of 1.08 cum of ingredients i.e. farmyard manure/compost, sand and red earth in 1:1:2 proportion | 1,000 PBs | 636.14 | 1,000 | 636.14 |
| 3 | 12 (b) | Mixing of ingredients, filling the Polythene bags & duly arranging in rows after scraping the earth | 1,000 PBs | 1,092.30 | 1,000 | 1,092.30 |
| 4 | LS / RQ | Cost of Quality Seeds / Quality Planting Material | 1,000 PBs | 162.09 | 1,000 | 162.09 |
| 5 | 12(d) | Pricking out the seedlings from seed beds & transplanting in the Polythene bags | 1,000 PBs | 190.86 | 1,000 | 190.86 |
| 6 | 12(f) | Watering to the Polythene bagged seedlings twice a day from 15-12-2017 to 31-03-2018 for 106 days | 1,000 PBs 106 Days | 9.46 | 1,000 | 1,002.76 |
| 7 | 12(g) | Weeding the Polythene bagged seedlings | 1,000 PBs 3 Times | 54.61 | 1,000 | 163.83 |
| 8 | 12(h) | Shifting and grading the Polythene bagged seedlings | 1,000 PBs 2 Times | 110.68 | 1,000 | 221.36 |
| 9 | LS / RQ | Nursery Infrastructure development like maintenance of Pumpset, Electricity Charges etc., | 1,000 PBs | 508.89 | 1,000 | 508.89 |
| 10 | LS / RQ | Miscellaneous, Unforeseen & rounding off | | | | 6.60 |
| | | | Total | | | 4,500.00 |

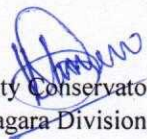

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RAISING OF SEEDLINGS IN 8"x12" POLYTHENE BAGS FOR THE YEAR 2017-18

QUANTITY: 1,000 Pbs.

(Amount in Rupees)


| Sl. No. | CSSR Item NO. | Particulars of works | Qty. | Rate | Per | Amount |
|---------|---------------|---|-----------------------|----------|-------|-----------|
| 1 | By Tender | Cost of HDPE WOVEN SACKS bags including VAT | 1,000 PBs | 2.99 | 1 | 2,990.00 |
| 2 | 14(a) | Procurement of 4.20 cum of ingredients i.e. farmyard manure/compost, sand and red earth in 1:1:2 proportion | 1,000 PBs | 2,473.86 | 1,000 | 2,473.86 |
| 3 | 14(b) | Mixing the ingredients, filling the polythene bags and arranging in rows after scraping the earth | 1,000 PBs | 1,929.71 | 1,000 | 1,929.71 |
| 4 | LS / RQ | Cost of quality seeds / Quality Planting Material | 500 PBs | 270.15 | 1,000 | 135.08 |
| 5 | 14(d) | Pricking out the seedlings from seed beds & transplanting in the PBs | 500 PBs | 190.86 | 1,000 | 95.43 |
| 6 | Sub Est. | Raising of 4"x6" seedlings (Transplanting seedlings) | 500 PBs | 2.10 | 1 | 1,050.00 |
| 7 | 14(e) | Transplanting of 4"x6" or 5"x8" size bagged seedlings into 8"x12" size bags after removal of the seedlings along with the trimmed ball of earth | 500 PBs | 190.86 | 1,000 | 95.43 |
| 8 | 14(f) | Watering to the Polythene bagged seedlings twice a day from 01-09-2017 to 31-03-2018 for 212 days (Limited to 183 days) | 1,000 PBs 183 Days | 27.39 | 1,000 | 5,012.37 |
| 9 | 14(g) | Weeding the Polythene bagged seedlings | 1,000 PBs 4 Times | 83.76 | 1,000 | 335.04 |
| 10 | 14(h) | Shifting & grading the Polythene bagged seedlings | 1,000 PBs 2 Times | 229.08 | 1,000 | 458.16 |
| 11 | LS / RQ | Cost of application of pesticides / Fungicides / biofertilisers, diesel bill, repairs to pump set, electricity bills, nursery dev. Charges. | 1,000 PBs | 23.16 | 1,000 | 23.16 |
| 12 | LS / RQ | Miscellaneous, Unforeseen & rounding off | | | | 1.76 |
| Total | | | | | | 14,600.00 |


Deputy Conservator of Forests,
Ramanagara Division, Ramanagara.

DATA SHEET FOR SOIL AND MOISTURE CONSERVATION MEASURES DURING-
2017-18


Extent-1Ha.

| SI No. | S.S.R. I No. | Particulars of Works | Qty | Rate | Per | Amount |
|--------|----------------------|---|------|----------|-----|------------------|
| 1 | Adpted for SSR of MI | Soil and Moisture Conservation measures | 1 Ha | 31525.00 | Ha. | 31,525.00 |
| | | Grand Total | | | | 31,525.00 |


 Deputy Conservator of Forests,
 Ramanagara Division, Ramanagara.

DATA SHEET FOR BARBED WIRE FENCING (4 STRANDS) DURING-2017-18
Extent-1 Km (1000 Rmtr)

| Sl No. | S.S.R.I No. | Particulars of Works | Qty | Rate | Per | Amount |
|--------|--|---|------------|--------|-----|-------------------|
| 1 | RQ | Procurment of stone pillars of size 6x6x4 including trmsportation site (Pillars @ 3 m apart) | 333 Nos | 385.00 | 1 | 128,205.00 |
| 2 | 87 (a) | Exavation of pits of size 0.30x0.30x0.50 m depth to accommodate the pillars | 333 Nos | 5.80 | 1 | 1,931.40 |
| 3 | 87 (b) | Carrying the stone pillars form unloading point to the pits and placing them upright in the pit | 333 Nos | 36.40 | 1 | 12,121.20 |
| 4 | 87 © | Collection of available stones filling the soil and stones ramming with crow bar & fixing | 333 Nos | 29.13 | 1 | 9,700.29 |
| 5 | As per rate fixed by the PCCF (HOFF), Bangalore during 2016-17 + 10% | Cost of barbed wire of 12X14 guage 7mrt per kg 1000 mtr x 4 rows =4000 Rmtr + 10% extra for looping around altemate pillers 4400 Rmtr/7 mtr =628.58 Kgs | 628.58 Kgs | 60.00 | 1 | 37,714.80 |
| 6 | 87 (d) | Unrolling the barbed wire drawing the barbed wire looping around the altemate pillar fasterning binding wire to the remaining pillars and fixing the barbed wire including binding wire cost. | 333 Nos | 12.72 | 1 | 4,235.76 |
| 7 | RQ | Miscellaneous and administration charges including area weightage and transoirtation of Barbed wire | | Ls | | 10,637.00 |
| 8 | | Total (1 to 7) | | | | 204,545.45 |
| 9 | | Supervision charges @ 10 % | | | | 20,454.55 |
| | | Grand Total | | | | 225,000.00 |


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