



Government of West Bengal
Directorate of Forests

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No. 9402 /P&S(P)/3D-554/2020-21

Date: 03/02/2020

To: 1) The Chief Conservator of Forests, Western, South East, Central, Northern Circles, West Bengal
2) The Conservator of Forests, North West Circle, Joint Director, SBR.
3) The Divisional Forest Officer, Durgapur, Nadia-Murshidabad, Birbhum, Bankura (S), Medinipur, Baikunthapur, Rupnarayan, Jalpaiguri SF, Siliguri SF, 24 Parganas(North) Divisions.

Sub :: Target of NGT Plantations for the year 2020-21.

Sirs,

Please find enclosed the Annual Action Plan and Target of NGT Plantations for the year 2020-21 at polluted River stretches and Bio-diversity Parks. Fund for advance work has already been disbursed recently.

In this connection a model estimate for Creation work of NGT Plantations (2020-21) is also attached for your ready reference.

Principal Chief Conservator of Forests & HoFF
West Bengal.

No. /P&S(P)/3D-554/2020-21

Date:

Copy to : 1. The PCCF, Wild life, West Bengal.
2. The PCCF, Research, Monitoring & Development, West Bengal

Principal Chief Conservator of Forests & HoFF
West Bengal.

| Action Plan for Polluted River stretches (NGT) - Advance cum Creation work during 2020 | | | | | | | | | | | |
|--|----------|---------------|------------|---|---|--|--------------------------------------|----------|------|-------------------|---|
| Sl. No. | District | Division | River Name | Stretch Identified | Town | Block/ Municipality | Mouza/ward | J.L. No. | Plot | Area in Hecture | Remarks |
| 1 | Durgapur | Durgapur | Damodar | Barage to Dishergarh | Durgapur, Andal, Raiganj, Asansole | Durgapur, Andal, Raiganj, Faridpur | Madanpur, Srirampur, Ramprasadpur | | | 20 | |
| 2 | | | Barakar | Jharkhand Boarder to Purulia Boarder | Asansole, Maithon | Salanpur, Raniganj | Dendua, Kallya, Rupnarayanpur, Samdi | | | 50 | |
| Sub Total | | | | | | | | | | 70 | |
| 3 | Nadia | NMD | Churni | Near Radhakantapur Khewaghat | Ranaghat | Ranaghat I | Radhakantapur | 23 | 1353 | 0.1 | |
| 4 | | | | Opposite Kavetpara bathghat | Ranaghat | Ranaghat I | Majdia | 125 | 1751 | 3.33 | |
| 5 | | | | Under Banali Bazar | Hanskhali | Hanskhali | Banali | 15 | 1086 | 0.952 | |
| 6 | | | | Near Water Tower | | | Beargram | 14 | 409 | 0.68 | |
| 7 | | | | Near Brick field | | | Hanskhali | 53 | 45 | 0.54 | |
| 8 | | | | Lake side of Boro bridge | | | Satpota | 54 | 1086 | 0.85 | |
| 9 | | | | Near Primary school | | | Goesh | 56 | 1086 | 0.408 | |
| 10 | | | | Near Rever Pump | | | Gobindopur | 33 | 410 | 0.405 | |
| Sub Total | | | | | | | | | | 7.265 | |
| 11 | Birbhum | Birbhum | Darakeswar | Deocha Barrage Diara (Border of Birbhum- Murshidabad) | 1.Chandipur, 2.Tarapith, 3.Bishnupur, 4.Margram | 1.Md. Bazar, 2.Mayureswar-I & II, 3.Rampurhat - I & II | | 25 | | 7.5 | 1. Protection and Conservation of existing natural tree Patches |
| 12 | Birbhum | Birbhum | Darakeswar | Deocha Barrage Diara (Border of Birbhum- Murshidabad) | 1.Chandipur, 2.Tarapith, 3.Bishnupur, 4.Margram | 1.Md. Bazar, 2.Mayureswar-I & II, 3.Rampurhat - I & II | | 29 | | 7.5 | 1 Protection and Conservation of existing natural tree patches. |
| Sub Total | | | | | | | | | | 15 | |
| 13 | Bankura | Bankura South | Darakeswar | Bankura to Kusthia | Bankura | Bankura II | Kankata- 215 | | | 3.6 | L=1200 m, W= 30 m |
| 14 | | Bankura North | | | | Bankura II | Matranga- 280 | | 4 | L=1000 m, W= 40 m | |
| 15 | | Bankura North | | | | Bankura II | Pratap- 282 | | 4 | L=1000 m, W= 40 m | |
| 16 | | Bankura North | | | | Onda | Ola- 109 | | 4 | L=1000 m, W= 40 m | |
| 17 | | Panchet | | | | Onda | Nischintipur- 118 | | 10 | In a Block | |
| Sub Total | | | | | | | | | | 25.6 | |

Action Plan for Polluted River stretches (NGT) - Advance cum Creation work during 2020

| Sl. No. | District | Division | River Name | Stretch Identified | Town | Block/ Municipality | Mouza/ward | I.L. No. | Plot | Area in Hecture | Remarks |
|------------------|-------------------|---------------|----------------|---|------------|----------------------|-----------------------|-------------|--|-----------------|--------------|
| 18 | Nadia | NMD | Jalangi | Near Taranipur Ghat | Mayapur | Nabadwip | Ghasighata | 12 | 157/276, 157/277 | 1.15 | |
| 19 | | | | Near Bahadurpur Sambhunagar | | | Sardanga | 11 | ,913, 915, 1122, 1123, 1124, 1125, 1126, 1157/1640, 1161/1646, 162/1647, 1190/1650, 1196, 1197, 702/1761, 702/1738, 702/1707, 702/1708, 1491/1709, 1491/1710 | 5.3 | |
| 20 | | | | Near Tarinipur Ghat | | | Mollapara | 13 | 240/749, 622/739, 169/677 | 0.7 | |
| 21 | | | | Near Nabadwip BDO Office, Maheshgunj. | | | Teorkhali | 15 | 11, 39/913, 39/914 | 0.28 | |
| 22 | | | | Near Maheshgunj Hospital | Maheshgunj | | 16 | 141 | 0.76 | | |
| 23 | | | | Hulorghat | Mayapur | | Rudrapara | 5 | 4540, 4537, 4539 | 0.3 | |
| Sub Total | | | | | | | | | | 8.49 | |
| 24 | Paschim Medinipur | Medinipur | Kansi (Kansai) | Jamsole and Lohatikri in between Midnapur to Ramnagar | Midnapur | Midnapur Sadar | Lohatikri and Jamsole | 136 and 137 | 371 and 654/695 | 10 | |
| Sub Total | | | | | | | | | | 10 | |
| 25 | Jalpaiguri | Baikuthapur | Mahananda | Siliguri to Fulbari | Siliguri | Raiganj Municipality | Jungle Mahal | 1(12) | 1,3,16,18 | 1.25 | Eastern Bank |
| 26 | | | | | | | Dabgram | 2(1) | 123,72,65 | 2.25 | Eastern Bank |
| 27 | | | | | | | Dabgram | 2(2) | ,180, 247, 279, 328, 392 | 0.45 | Eastern Bank |
| 28 | | | | | | | Dabgram | | ,119, 14, 115, 116, 184, 607, 610, 612, 613, 614, 615 | 2.4 | Western Bank |
| 29 | Jalpaiguri | Jalpaiguri SF | Karala | Monthani to Moulabipara | Jalpaiguri | Sadar | Kharia & Patkata | 05 & 07 | | 30 | |
| 30 | Jalpaiguri | Baikunthapur | Mahananda | Siliguri to Fulbari | Siliguri | Raiganj | Dabgram | 2(5) | ,176, 109, 1044, 1047 | 10 | Western Bank |
| 31 | | | | | | | Dabgram | 2(6) | ,15, 16, 17, 18, 19, 20 | 0.45 | Eastern Bank |
| 32 | | | | | | | Dabgram | 2(5) | ,254, 431, 39 | 1.6 | Eastern Bank |
| 33 | | | | | | | Dabgram | 2(7) | ,395, 390 | 0.75 | Western Bank |
| 34 | | | | | | | Dabgram | 2(7) | ,398, 399 | 1.75 | Western Bank |
| 35 | | | | | | | Dabgram | 2(1) | ,391, 393 | 1.75 | Western Bank |
| 36 | | | | | | | Dabgram | 2(7) | ,370, 371, 372 | 6 | Western Bank |
| 37 | | | | | | | Siliguri | 2(2) | ,701, 702, 703 | 1.15 | Eastern Bank |
| Sub Total | | | | | | | | | | 59.8 | |

| Action Plan for Polluted River stretches (NGT) - Advance cum Creation work during 2020 | | | | | | | | | | | |
|--|------------------|------------------------|----------------|---|------------|---------------------|-----------------------|--------------|------------|-----------------|--|
| Sl. No. | District | Division | River Name | Stretch Identified | Town | Block/ Municipality | Mouza/ward | J.L. No. | Plot | Area in Hecture | Remarks |
| 38 | Purba Medinipur | Purba Medinipur Forest | Rupnarayan | 1800 meter in to 570 meter | Kolaghat | Kolaghat | Amalhandra | 291 | River char | 10 | Area cover with Hogla and Khari about 20 % area under encroachment. Situated 2.5 km from K TPP |
| 39 | Purba Medinipur | Purba Medinipur Forest | Rupnarayan | 2350 meter * 425 meter | Kolaghat | Kolaghat | Faridpur | 272 | River char | 10 | Area cover with Hogla and Khari about 10 % area under encroachment. Situated 6 km from K TPP |
| Sub Total | | | | | | | | | | 20 | |
| 40 | North 24 Pargana | North 24 Pargana | Vindhadhari | | | Haroa | Ghusighata | | | 0.025 | |
| 41 | | | | | | | Jaliapara | | | 0.025 | |
| 42 | | | | | | | Noapara | | | 0.025 | |
| 43 | | | | | | | Baltia | | | 0.025 | |
| 44 | | | | | | | Boroi | | | 0.025 | |
| 45 | | | | | | | Makhla | 51 | | 0.05 | |
| 46 | | | | | | | Makhla | | | 0.05 | |
| 47 | | | | | | | Minakhan | Abad Malanch | 31 | 0.05 | |
| 48 | North 24 Pargana | North 24 Pargana | Hoogly (Ganga) | Swami Vivekananda state Police Academy (Barrackpur Policeline Campus) | Barrackpur | Barrackpur | Barrackpur Cantonment | | | 3 | |
| 49 | | | | Shyamnagar CESC | Shyamnagar | Garulia | Noapara | 5 | | 3 | |
| Sub Total | | | | | | | | | | 6.275 | |
| Total | | | | | | | | | | 222.43 | |

| Action Plan for Polluted River stretches Bio Diversity Park (NGT) - Advance cum Creation work during 2020 | | | | | | | | | | | |
|---|---------------------------|-------------|---------------------------------------|--|---|---|------------|--------------|------|-----------------|--|
| Sl. No. | District | Division | River Name | Stretch Identified | Town | Block/ Municipality | Mouza/ward | J.L. No. | Plot | Area in Hecture | Remarks |
| 1 | Darjeeling and Jalpaiguri | Siliguri SF | Porajhar to Mohananda pond and Barage | Plot 12 26039'38.51"N 88023'52.24"E | Matigara | Matigara block/Fansiodeoa and Raigunj Block | | 2 Rajganj | | 250 | Area is under NOC by irrigation departmetn to Siliguri SF division for plantation purpose.(Recommended for Bio Diversity parkas it has water body also.) |
| Sub Total | | | | | | | | | | 250 | |
| 2 | Birbhum | Birbhum | Mayurakshi | Tilpara Barrange to Ramnagar (Border of Birbhum-Mursidabad | 1.Suri, 2.Sainthia 3. Labpur,4.Mayureswar | 1.Md.Bazar 2.Sainthia, Suri-I & II, 3.Maayureswar I & II 4. Labpur | | 36 | | 18 | 1.Protection and Conservation of existing natural tree Patches. |
| | | | | | 1.Suri, 2.Sainthia 3. Labpur,4.Mayureswar | 1.Md.Bazar, 2.Sainthia, 3.Suri-I & II, 4.Mayureswar I & II, 5.Labpur | | 32 | | | |
| Sub Total | | | | | | | | | | 18 | |
| Total | | | | | | | | | | 268 | |

MODEL ESTIMATE OF NGT PLANTATIONS (2020-21)

| | Type of Plantation | Biodiversity Park | Polluted River stretches |
|-----------|---|-----------------------|--------------------------|
| | No of seedlings per ha | 1111 | 600 |
| | Spacing per ha | 3 mts x 3 mts | 5 mts |
| | Spacing per km for River Bank plantation | N/A | 5 mts in 3 rows |
| | Pit Size | 60cm. x 60cm. x 45cm. | 60cm. x 60cm. x 45cm. |
| Sl. | Particulars of Work | | |
| A. | Labour Component | | |
| 1 | Survey and demarcation of the plantation area including GPS Survey by technical Person | 1 | 1 |
| 2 | Maintenance of seedlings , sorting and shifting watering etc from April to July,2020 | 6 | 4 |
| 3 | Burning, removing debris & cleaning of the Pltn site and making inspection path | 10 | 10 |
| 4 | Alignment of planting lines and staking the pit positions | 2 | 1 |
| 5 | Cost of digging pits | 18 | 26 |
| 6 | Sorting, shifting, weeding, cleaning and watering of seedlings in nurseery (April-June) | 3 | 2 |
| 7 | Making brush wood fencing around the planting area/ barbed wire fencing for Sal, CSB and Strip Plantation | 8 | 8 |
| 8 | Filling up of planting pits with dug up pulverized soil, Organic manure, Fungicides, Micro-Nutrients etc | 6 | 6 |
| 9 | Hoeing the scouring line along the boundary of the plantation | 2 | 2 |
| 10 | Transplanting of potted seedlings including carriage from field nursery to planting site and staking | 10 | 10 |
| 11 | Application of insecticide to the planted seedlings | 2 | 2 |
| 12 | Vacancy filling with potted seedling | 4 | 4 |
| 13 | Cost of application organic manure as per doses prescriber per pit | 2 | 2 |
| 14 | 1st time weeding cleaning & mulching with application of fertilizer & vacancy filling | 14 | 14 |
| 15 | 2nd time weeding cleaning & mulching with application of fertilizer & vacancy filling | 12 | 12 |
| 16 | 3rd time weeding cleaning & mulching without application of fertilizer & vacancy filling | 10 | 10 |
| 17 | 4th time weeding cleaning & mulching without application of fertilizer | 6 | 8 |
| 18 | 5th time weeding cleaning & mulching without application of fertilizer | 0 | 6 |
| 19 | Making fire lines 1.50 mt. wide all along the periphery and 1.20 mt. with inside pltn. | 2 | 2 |
| 20 | Watering to planted seedlings during dry spell for establishment | 14 | 12 |
| 21 | Cost of watch & Ward from Sep to March | 18 | 18 |
| | Total Mandays (Nos.)= | 150 | 160 |
| V. | Cost of Labour Component @ Rs.243/MD for Departmental Work (Rs.)= | 36450 | 38880 |
| B. | Material Cost (Rs.) | | |
| 1 | Chemical Fertilizer @ 50 gm DAP/Plant (GST : 0%) | 2000 | 1500 |
| 2 | Insecticides / Hormones(GST : 0%) | 1000 | 1000 |
| 3 | Organic manure(GST : NA) | 500 | |
| 4 | Signages | 100 | 100 |
| 5 | Barbed wire fencing | 20000 | 25000 |
| 6 | Carriage of Seedlings and fertilizer by Truck / vehicle etc.(GST : 18%) | 4000 | 4000 |
| W. | Total Material Cost (Rs.) [B.1 to B.6] | 27600 | 31600 |
| X. | GST 18% on B. [4+5+6] | 4338 | 5238 |
| Y. | Labour Cess 1% (Rs.) on W. | 276 | 316 |
| Z. | Contingencies 3 % (Rs.) on V.+W. | 1922 | 2114 |
| | GRAND TOTAL (Rs.) [V.+W.+X.+Y.+Z.] = | 70586 | 78148 |



PRINCIPAL CHIEF CONSERVATOR OF FORESTS & HoFF
WEST BENGAL