

Government of West Bengal  
Directorate of Forests  
West Bengal , Aranya Bhawan , Bidhan Nagar,  
Block -LA , No - 10A , Sector -III.  
Kolkata -700106

No 8830 /P&S(P)/ 3D – 554/2020-21

Date: 08/01/2020

To :: The Additional Chief Secretary to the Government of West Bengal,  
Department of Forests

**Sub ::** Submission of Revised work proposal for Creation Work of NGT Plantation for 2020-21

Sir,

The detailed estimates of Rs. 3,02,18,699/- (Rupees Three Crore two Lakh Eighteen Thousand six Hundred ninety nine) only are submitted herewith for favour of Govt. sanction & placement of fund for the schemes mentioned bellow.

Name of the Scheme	for the amount ( Rs.)
4406-01-101-001-Forest Conservation and Regeneration-87-00-V	Rs. <u>3,02,18,699/-</u>

Utilisation certificate relating to the Head of Services mentioned above for the year 2019-20 will be submitted later. The relevant Statement -“A“ / Plan Release and the estimates of individual Plantation type are enclosed herewith.

The Department of Forest are requested to please accord the administrative approval, Sanction and release the total fund for Rs. 3,02,18,699/- (Rupees Three Crore two Lakh Eighteen Thousand six Hundred ninety nine) only for the year 2020-21 in favour of the P.C.C.F.(HoFF), W.B. at an early date.

**In this connection previous letter bearing no. 8401/ P&S(P)/ 3D – 554/2020-21, dt. 27/12/2019 may be treated as cancelled.**

Encl: As stated above.

  
Principal Chief Conservator of Forests,  
General, West Bengal

No 8831 /P&S(P)/ 3D – 554/2020-21

Date 08/01/2020

Copy forwarded for information and necessary action to :

- 1) The Chief Conservator of Forests, Northern Circle, West Bengal.
- 2) The Chief Conservator of Forests, North-West Circle, West Bengal
- 3) The Chief Conservator of Forests, Western Circle, West Bengal
- 4) The Chief Conservator of Forests, Central Circle, West Bengal
- 5) The Chief Conservator of Forests, South-East Circle, West Bengal
- 6) Joint Director, S.B.R., West Bengal

  
Principal Chief Conservator of Forests,  
General, West Bengal

OTC

## Creation of NGT Plantation for 2020-21

**H/S-4406-01-101-001-Forest Conservation and Regeneration-87-00-V**

District	Circle	Division	Pltn. Type	Rate (Rs.) /Ha.	Target Phy(Ha.)	Target Fin. (Rs.)
Darjeeling	Northern Circle	Baikunthapur	NGT (River Stretch) [Misc.]	64238	29.80	1914292
<b>Circle Total=</b>					<b>29.80</b>	<b>1914292</b>
Darjeeling	North West	Siliguri S.F	NGT(Biodiversity Park) [Misc.]	64238	250.00	16059500
Alipurduar	North West	Jalpaiguri S.F.	NGT (River Stretch) [Misc.]	71007	30.00	2130210
<b>Circle Total=</b>					<b>280.00</b>	<b>18189710</b>
Paschim Medinipur	Western Circle	Medinipur Divn	NGT (River Stretch) [QGS]	56009	10.00	560090
Purba Medinipur	Western Circle	Purba Medinipur	NGT (River Stretch) [QGS]	56009	20.00	1120180
<b>Circle Total=</b>					<b>30.00</b>	<b>1680270</b>
Bankura	Central	Bankura (N)	NGT (River Stretch) [QGS]	56009	12.00	672108
Bankura	Central	Bankura (S)	NGT (River Stretch) [QGS]	56009	3.60	201244
Bankura	Central	Panchet	NGT (River Stretch) [QGS]	56009	10.00	560090
<b>Circle Total=</b>					<b>25.60</b>	<b>1433442</b>
Birbhum	South East	Birbhum	NGT(Biodiversity Park) [QGS]	56009	18.00	1008162
Birbhum	South East	Birbhum	NGT (River Stretch) [QGS]	56009	15.00	840135
Paschim bardhaman	South East	Durgapur	NGT (River Stretch) [QGS]	56009	70.00	3920630
<b>Circle Total=</b>					<b>103.00</b>	<b>5768927</b>
24-Parganas(N)	S.B.R.	24-Parganas(N)	NGT (River Stretch) [QGS]	56009	6.28	351058
Nadia	S.B.R.	Nadia- Murshidabad	NGT (River Stretch) [QGS]	56009	15.76	881000
<b>Circle Total=</b>					<b>22.04</b>	<b>1232058</b>
<b>Grand Total=</b>					<b>490.44</b>	<b>30218699</b>

  
 Principal Chief Conservator of Forests,  
 General, West Bengal

**SCHEDULE OF CREATION OF PLANTATIONS (2020-21)**

	Type of Plantation	Sal SB	QGS SB	CSB SB	Strip SB	Bamboo SB	Bamboo NB	Strip NB	NB & Hills Sal	NB Misc	Misc Hills	Fodder NB, Hills and SB
	No of seedlings per ha	1600	1600	1600	625	625	625	625	2500	2500	2500	10000
	No of Seedlings per km for single row for Strip Plantation				250			250				
	Spacing per ha	2.5m x 2.5m	2.5m x 2.5m	2.5m x 2.5m	4m x 4m	4m x 4m	4m x 4m	4m x 4m	2m x 2m	2m x 2m	2m x 2m	1mX1m
	Spacing per km for single row for Strip Plantation				4m			4m				
	Pit Size	60cm. x 45cm. x 45cm.	60cm. x 45cm. x 45cm.	60cm. x 45cm. x 45cm.	60cm. x 60cm. x 45cm.	75cm. x 60cm. x 45cm.	75cm. x 60cm. x 45cm.	60cm. x 60cm. x 45cm.	60cm. x 45cm. x 45cm.	60cm. x 45cm. x 45cm.	60cm. x 45cm. x 45cm.	
Sl.	Particulars of Work											
<b>A.</b>	<b>Labour Component</b>											
1	Survey and demarcation of the plantation area including GPS Survey by technical Person	1	1	1	1	1	1	1	1	1	1	1
2	Burning, removing debris & cleaning of the Pltn site and making inspection path	28	25	17	10	12	12	10	32	32	32	12
3	Alignment of planting lines and staking the pit positions	4	4	3	1	1	1	1	4	6	4	12
4	Cost of digging pits	18	18	18	18	26	24	26	17	35	24	20
5	Alignment and cutting of contour trench of size 0.45m x 0.45m x 5 mt, total 500 m long per ha= 101. 25 m <sup>3</sup> in staggered manner.0.5 mt away from another line for easy movement, Trench line to next trench line distance 10 mt.	16	16						12	12		
6	Making contour terrace and preplanting cleaning of the terrace.										4	
7	Sorting, shifting, weeding, cleaning and watering of seedlings in nursery (April-June)	5	4	4	3	2	1	2	2	6	3	2
8	Making inspection path	2	2	2		1	1		2	2	1	2
9	Making brush wood fencing around the planting area/ barbed wire fencing for Sal, CSB and Strip Plantation	8	8	8	8			8	8	8	8	8
10	Hoeing & hand weeding of sal line								12			
11	Digging of trenches for sowing seed over 2500 mt. 0.3 mt. x 0.3 mt.					20						
12	Filling up of planting pits with dug up pulverized soil, Organic manure, Fungicides, Micro-Nutrients etc	15	14	14	6	6	6	6	14	20	15	
13	Cost of planting bamboo rhizome/double noded cutting in plantation site over 417 numbers					8	8					
14	Hoeing the scouring line along the boundary of the plantation	2	2		2	2	2	2	2	2	2	
15	Cost of carriage of seedlings from nursery to planting site	14	14	14		14	14		14	18	18	16
16	Dibbling & sowing of sal seeds and hand weeding								10			
17	Transplanting of potted seedlings including carriage from field nursery to planting site and staking	14	14	14	10	8	8	10	12	22	18	20
18	Cost of making conical shape earthen mounts of dia 1.0 mt. as base over 1600 nos.			15								
19	Application of insecticide to the planted seedlings	2	2	2	2			2	2	2	2	2
20	Vacancy filling with potted seedling	4	4	4	4			4	4	4	4	4
21	Cost of application organic manure as per doses prescriber per pit	4	4	4	2			2	4	5	4	
22	1st time weeding cleaning & mulching with application of fertilizer & vacancy filling	20	20	16	14	8	12	14	20	25	20	14

**SCHEDULE OF CREATION OF PLANTATIONS (2020-21)**

	Type of Plantation	Sal SB	QGS SB	CSB SB	Strip SB	Bamboo SB	Bamboo NB	Strip NB	NB & Hills Sal	NB Misc	Misc Hills	Fodder NB, Hills and SB
23	2nd time weeding cleaning & mulching with application of fertilizer & vacancy filling	14	14	8	12	4	10	12	12	14	14	12
24	3rd time weeding cleaning & mulching without application of fertilizer & vacancy filling	10	10	6	10		8	10	10	10	12	10
25	4th time weeding cleaning & mulching without application of fertilizer	8			6		6	8	8	8	10	8
26	5th time weeding cleaning & mulching without application of fertilizer							6	6	6	8	
27	Sowing of Arahara seeds as nurse crop on the ridges of dug up soil along the continuous trenches.	2										
28	Making fire lines 1.50 mt. wide all along the periphery and 1.20 mt. with inside pltn.	4	4	2	2	4	4	2	4	4	4	4
29	Watering to planted seedlings during dry spell for establishment	10			14			12				
30	Cost of watch & Ward from Sep to March	18	18	12	18			18	18	18	18	10
<b>Total Mandays (Nos.)=</b>		<b>223</b>	<b>198</b>	<b>164</b>	<b>143</b>	<b>117</b>	<b>118</b>	<b>156</b>	<b>230</b>	<b>260</b>	<b>226</b>	<b>157</b>
V.	<b>Cost of Labour Component @ Rs.243/MD for Departmental Work (Rs.)=</b>	<b>54189</b>	<b>48114</b>	<b>39852</b>	<b>34749</b>	<b>28431</b>	<b>28674</b>	<b>37908</b>	<b>55890</b>	<b>63180</b>	<b>54918</b>	<b>38151</b>
<b>B. Material Cost (Rs.)</b>									2000			2000
1	Seeds / Slips (GST : NIL)								2000			2000
2	Chemical Fertilizer @ 50 gm DAP/Plant (GST : 0%)	2500	2500	2000	2000	1000	1000	1500	2500	2000	2500	
3	Insecticides / Hormones(GST : 0%)	1500	1000		1000			1000	1000	500	1000	
4	Organic manure(GST : NA)	500	500	500	500	500	500					1000
5	Signages (GST :18%)	100	100	100	100	100	100	100	100	100	100	100
6	Vegetative Fencing material / Bamboo (LS) / Gabion (GST : NIL)/Energized fencing using used materials		1500							2500	2000	5000
7	Barbed wire fencing ( GST : 18% )	14500		14500	14500			14500	14500			
8	Carriage of Seedlings and fertilizer by Truck / vehicle etc.(GST : 18%)	500	500	500	4000	500	500	4000	500	500	1500	500
W.	<b>Total Material Cost (Rs.) [B.1 to B.8]</b>	<b>19600</b>	<b>6100</b>	<b>17600</b>	<b>22100</b>	<b>2100</b>	<b>2100</b>	<b>21100</b>	<b>20600</b>	<b>5600</b>	<b>7100</b>	<b>8600</b>
X.	GST 18% on B. [5+7+8]	2718	108	2718	3348	108	108	3348	2718	108	288	108
Y.	Labour Cess 1% (Rs.) on W.	196	61	176	221	21	21	211	206	56	71	86
Z.	Contingencies 3 % (Rs.) on V.+W.	2214	1626	1724	1705	916	923	1770	2295	2063	1861	1403
<b>GRAND TOTAL (Rs.) [V.+W.+X.+Y.+Z.] =</b>		<b>78917</b>	<b>56009</b>	<b>62070</b>	<b>62123</b>	<b>31576</b>	<b>31826</b>	<b>64337</b>	<b>81709</b>	<b>71007</b>	<b>64238</b>	<b>48348</b>

  
 Principal Conservator of Forests,  
 General, West Bengal