

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

No 8828 /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 **Plantation** for 2020-21

Sir,

The detailed estimates of Rs. 47,63,81,748/- (Rupees Forty Seven Crore sixty three Lakh eighty one Thousand seven Hundred forty eight) 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>47,63,81,748/-</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. 47,63,81,748/- (Rupees Forty Seven Crore sixty three Lakh eighty one Thousand seven Hundred forty eight) 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. 8399/ 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 8829 /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, Hills Circle, West Bengal
- 2) The Chief Conservator of Forests, Northern Circle, West Bengal.
- 3) The Chief Conservator of Forests, North-West Circle, West Bengal
- 4) The Conservator of Forests, Wild Life (North) Circle, West Bengal
- 5) The Chief Conservator of Forests, Soil Conservation (North) Circle, West Bengal
- 6) The Chief Conservator of Forests, Western Circle, West Bengal
- 7) The Chief Conservator of Forests, Central Circle, West Bengal
- 8) The Chief Conservator of Forests, South-East Circle, West Bengal
- 9) The Chief Conservator of Forests, South-West Circle, West Bengal
- 10) The Conservator of Forests, Parks & Gardens Circle, West Bengal
- 11) Joint Director, S.B.R., West Bengal
- 12) Field Director, B.T.R. West Bengal
- 13) The Conservator of Forests, Research Circle, West Bengal


Principal Chief Conservator of Forests,
General, West Bengal

O/C

Creation Work of 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	Hill Circle	Darjeeling	Misc.	64238	36.36	2335694
Darjeeling	Hill Circle	Kurseong	Misc.	64238	109.09	6976306
Kalimpong	Hill Circle	Kalimpong	Misc.	64238	38.18	2452607
Circle Total=					183.63	11764607
Coochbehar	Northern Circle	Coochbehar	Strip (2020)	64337	25.00	1608425
Coochbehar	Northern Circle	Coochbehar	Misc.	71007	75.81	5374853
Jalpaiguri	Northern Circle	Jalpaiguri	Misc.	71007	181.82	12890856
Darjeeling	Northern Circle	Baikunthapur	Misc.	71007	72.73	5156484
Circle Total=					355.36	25030618
Malda	North West	Malda	Strip (2020)	64337	50.00	3216850
Uttar Dinajpur	North West	Raiganj S.F	Strip (2020)	64337	60.00	3860220
Dakshin Dinajpur	North West	Raiganj S.F	Strip (2020)	64337	60.00	3860220
Uttar Dinajpur	North West	Raiganj S.F	Misc.	71007	6.36	450918
Darjeeling	North West	Siliguri S.F	Misc.	64238	6.36	408554
Jalpaiguri	North West	Siliguri S.F	Misc.	71007	12.73	902544
Jalpaiguri	North West	Jalpaiguri S.F.	Strip (2020)	64337	40.00	2573480
Circle Total=					235.45	15272786
Darjeeling	W.L (North)	Darjeeling W L	Misc.	64238	19.09	1220806
Darjeeling	W.L (North)	Darjeeling W L	Fodder	48348	21.00	1015308
Jalpaiguri	W.L (North)	Gorumara W L	Fodder	48348	115.00	5560020
Alipurduar	W.L (North)	Jaldapara W L	Misc.	71007	140.46	9958474
Alipurduar	W.L (North)	Jaldapara W L	Fodder	48348	170.00	8219160
Circle Total=					465.55	25973768
Darjeeling	Soil Conservation(N)	Kurseong Soil	Misc.	64238	9.55	610723
Jalpaiguri	Soil Conservation(N)	Soil (North)	Misc.	71007	28.64	2030547
Alipurduar	Soil Conservation(N)	Soil (North)	Misc.	71007	28.64	2030547
Coochbehar	Soil Conservation(N)	Soil (North)	Misc.	71007	6.36	450918
Circle Total=					73.19	5122735
Paschim Medinipur	Western Circle	Medinipur Divn	QGS	56009	568.19	31762389
Paschim Medinipur	Western Circle	Medinipur Divn	Sal (2020)	78917	120.00	9470040
Purba Medinipur	Western Circle	Purba Medinipur	Strip (2020)	62123	59.00	3665257
Purba Medinipur	Western Circle	Purba Medinipur	CSB	62070	32.27	1915289
Paschim Medinipur	Western Circle	Kharagpur	Sal (2020)	78917	70.50	5372030
Paschim Medinipur	Western Circle	Kharagpur	QGS	56009	284.09	15880915
Paschim Medinipur	Western Circle	Kharagpur	Strip (2020)	62123	20.00	1242460
Jhargram	Western Circle	Jhargram Divn	Sal (2020)	78917	42.00	3314514
Jhargram	Western Circle	Jhargram Divn	QGS	56009	206.31	11532935
Paschim Medinipur	Western Circle	Rupnarayan	Sal (2020)	78917	208.00	16414736
Paschim Medinipur	Western Circle	Rupnarayan	QGS	56009	630.68	35255643
Circle Total=					2241.04	135826208
Bankura	Central	Bankura (N)	QGS	56009	490.59	27424472
Bankura	Central	Bankura (N)	Sal (2020)	78917	50.00	3945850
Bankura	Central	Bankura (N)	Strip (2020)	62123	15.00	931845
Bankura	Central	Bankura (S)	QGS	56009	937.05	52382032
Bankura	Central	Panchet	Sal (2020)	78917	50.00	3945850
Bankura	Central	Panchet	QGS	56009	568.18	31761830
Circle Total=					2110.82	120391879

Creation Work of 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.)
Purba bardhaman	South East	Burdwan	QGS	56009	335.79	18770997
Purba bardhaman	South East	Burdwan	Sal (2020)	78917	30.00	2367510
Purba bardhaman	South East	Burdwan	Strip (2020)	62123	82.50	4848938
Birbhum	South East	Birbhum	QGS	56009	162.56	9087267
Birbhum	South East	Birbhum	Sal (2020)	78917	30.00	2367510
Paschim bardhaman	South East	Durgapur	Sal (2020)	78917	10.00	789170
Paschim bardhaman	South East	Durgapur	Strip (2020)	62123	20.00	1242460
Paschim bardhaman	South East	Durgapur	QGS	56009	120.00	6721080
Circle Total=					790.85	46194932
Purulia	South West	Kansabati (North)	QGS	56009	610.91	34150480
Purulia	South West	Kansabati (North)	Bamboo	31576	10.00	315760
Purulia	South West	Kansabati (North)	Sal (2020)	78917	20.00	1578340
Purulia	South West	Kansabati (South)	QGS	56009	309.65	17309745
Purulia	South West	Purulia	Sal (2020)	78917	20.00	1578340
Purulia	South West	Purulia	Bamboo	31576	20.00	631520
Purulia	South West	Purulia	QGS	56009	402.27	22487295
Purulia	South West	Extn. Forestry	Strip (2020)	62123	40.00	2484920
Circle Total=					1432.83	80536400
Howrah	P & G	Howrah S.F.	Strip (2020)	62123	20.00	1242460
Hooghly	P & G	Howrah S.F.	Strip (2020)	62123	45.00	2795535
Circle Total=					65.00	4037995
Nadia	S.B.R.	Nadia- Murshidabad	Strip (2020)	62123	15.00	931845
Nadia	S.B.R.	Nadia- Murshidabad	QGS	56009	4.77	266648
Murshidabad	S.B.R.	Nadia- Murshidabad	QGS	56009	12.73	711620
Circle Total=					32.50	1910113
Alipurduar	B.T.R.	B.T.R (East)	Misc.	71007	12.73	902544
Alipurduar	B.T.R.	B.T.R (East)	Fodder	48348	10.00	483480
Circle Total=					22.73	1386024
Darjeeling	Research	Silvi Hill	QGS	56009	9.94	555656
Kalimpong	Research	Silvi Hill	QGS	56009	9.94	555656
Jalpaiguri	Research	Silvi (North)	QGS	56009	9.94	555656
Alipurduar	Research	Silvi (North)	QGS	56009	9.94	555656
Purba Medinipur	Research	Silvi (South)	QGS	56009	3.18	177765
Paschim Medinipur	Research	Silvi (South)	QGS	56009	3.18	177765
Bankura	Research	Silvi (South)	QGS	56009	3.18	177765
Purulia	Research	Silvi (South)	QGS	56009	3.18	177765
Circle Total=					52.48	2933684
Grand Total=					8061.43	476381748


 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											
A.	Labour Component											
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 ³ 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	Hoing & 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	Hoing 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
Total Mandays (Nos.)=		223	198	164	143	117	118	156	230	260	226	157
V.	Cost of Labour Component @ Rs.243/MD for Departmental Work (Rs.)=	54189	48114	39852	34749	28431	28674	37908	55890	63180	54918	38151
B.	Material Cost (Rs.)											
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	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.	Total Material Cost (Rs.) [B.1 to B.8]	19600	6100	17600	22100	2100	2100	21100	20600	5600	7100	8600
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
GRAND TOTAL (Rs.) [V.+W.+X.+Y.+Z.] =		78917	56009	62070	62123	31576	31826	64337	81709	71007	64238	48348

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 Principal Chief Conservator of Forests,
 General, West Bengal

SCHEDULE OF CREATION OF MANGROVE PLANTATIONS (2020-21)

		For Sundarban	For Purba Medinipur
	No of seedlings per ha	5000	5000
	Spacing per ha	2m x 1m	2m x 1m
	Pit Size	30cm. x 30cm. x 30cm.	30cm. x 30cm. x 30cm.
Sl.	Particulars of Work	Rate (Rs.)	Rate (Rs.)
A.	Labour Component		
1	Survey and demarcation of plantation area	4	4
2	Alignment and staking planting pits	2	2
3	Collection of mangrove seeds from forest area	10	10
5	Digging of trenches for sowing seeds over 2500 mt 0.3 mt x 0.3 mt	21	21
6	Cost of dibbling seeds and planting wildlings	26	26
7	Cost of 1st infilling	15	15
8	Cost of 2nd infilling	10	10
9	Watch and ward	10	10
10	Making boundary with wooden stick to prevent dragging fishing nets	10	
11	Barbed wire fencing		8
	Total Mandays (Nos.)=	108	106
V.	Cost of Labour Component @ Rs.243/MD for Departmental Work (Rs.)=	26244	25758
B.	Material Cost (Rs.)		
1	Hiring boats / van for collection and transportation of seeds and labour and during watch and ward and planting	1464	1464
2	Barbed wire fencing		14500
W.	Total Material Cost (Rs.) [B.1 to B.2]	1464	15964
X.	GST 18% on B. [1+2]	264	2874
Y.	Labour Cess 1% (Rs.) on W.	15	160
Z.	Contingencies 3 % (Rs.) on V.+W.	831	1252
	GRAND TOTAL (Rs.) [V.+W.+X.+Y.+Z.] =	28817	46007


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