


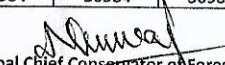
SCHEDULE OF CREATION OF PLANTATIONS (2018-19)													
Sl.	Particulars of Work	Type of plantation											
		Sal SB	QGS SB	CSB SB	Mangrove SBR & WC	Strip SB	Bamboo SB	Bamboo NB	Strip NB	NB & Hills Sal	NB Misc	Misc Hills	Fodder NB, Hills and SB
	No of seedlings per ha	1600	1600	1600	5000	625	625	625	625	2500	2500	1600	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	2m x 1m	4m x 4m	4m x 4m	4m x 4m	4m x 4m	2m x 2m	2m x 2m	2.5m x 2.5m	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.	30cm. x 30cm. x 30cm.	100cm. x 100cm. x 100cm.	100cm. x 100cm. x 100cm.	100cm. x 100cm. x 100cm.	100cm. x 100cm. x 100cm.	60cm. x 45cm. x 45cm.	60cm. x 45cm. x 45cm.	60cm. x 45cm. x 45cm.	
A.	Labour Component												
1	Sorting, shifting, weeding, cleaning and watering of sidlings in nurseery (April-June)	5	4	4		3	2	1	2	2	6	3	2
2	Survey and demarcation of Plantation Area	1	1	1	1	1	1	1	1	1	1	1	1
3	Pre Planting Cleaning & removal of debris	14	12	10	4	10	8	8	10	10	10	10	12
4	Alignment and Staking of Planting pits	1	1	1	1	1	1	1	1	1	1	1	12
5	Making inspection path	2	2	2			1	1		2	2	1	2
6	Making brush wood fencing around the planting area	8	8	8						8	8	8	8
7	Hoeing of sal line									6			
8	Digging of trenches for sowing seed over 2500 mt. 0.3 mt. x 0.3 mt.				20		20						
9	Cost of cutting V type box trench through out the plantation area along the counter line at a regular									12		12	
10	Cost of digging pits	18	18	18	18	18	18	16	18				20
11	Filling up of planting pits with dug up pulverized soil, Oranic manure, Fungicides, Micro-Nutrients etc	15	14	14		6	6	6	6	14	20	15	
12	Cost of planting bamboo rhizome/double nodded cutting in plantation site over 417 numbers						8	8					
13	Hoeing the scouring line along the boundary of the plantation	2	2			2	2	2	2	2	2	2	
14	Cost of carriage of seedlings from nursery to planting site	14	14	14	18		14	14		14	18	18	16
15	Cost of dibbling seeds in dug up trenches				14								
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	16	16	14	12	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	6	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
23	2nd time weeding cleaning & mulching with application of fertilizer & vacancy filling	12	12	8		12	4	10	12	12	14	14	12

SCHEDULE OF CREATION OF PLANTATIONS (2018-19)

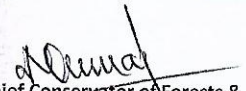
		Type of plantation											
		Sal SB	QGS SB	CSB SB	Mangrove SBR & WC	Strip SB	Bamboo SB	Bamboo NB	Strip NB	NB & Hills Sal	NB Misc	Misc Hills	Fodder NB, Hills and SB
24	3rd time weeding cleaning & mulching without application of fertilizer & vacancy filling	10	10	6		10		8	10	10	10	12	10
25	4th time 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	18	10
Total Mandays (Nos.)=		190	166	155	112	135	105	106	140	182	186	185	157
Cost of Labour Component @ Rs.235/MD for Departmental Work (Rs.)=		44650.00	39010.00	36425.00	26320.00	31725.00	24675.00	24910.00	32900.00	42770.00	43710.00	43475.00	36895.00
Cost of Labour Component @ Rs.260/MD for e-Tender Work (Rs.)=		49400.00	43160.00	40300.00	29120.00	35100.00	27300.00	27560.00	36400.00	47320.00	48360.00	48100.00	40820.00
Add GST.18% (SAC Code: 998519) for Tender Work (Rs.)=		8892	7769	7254	5242	6318	4914	4961	6552	8518	8705	8658	7348
Cost of Labour Component for tender work with GST (Rs.)=		58292	50929	47554	34362	41418	32214	32521	42952	55838	57065	56758	48168
B.	Material Cost (Rs.)												
1	Seeds / Slips (GST : NIL)									2000			2000
2	Chemical Fertilizer @ 50 gm DAP/Plant (GST : 0%)	2200	2000	1500	2000	2200	1000	1000	1500	2000	2500	2000	
3	Insecticides / Hormones(GST : 0%)	1500	1000			1000			1000	1000	1000	1000	
4	Organic manure(GST : NA)	800	500	500		500	500	500					1500
5	Signages (GST :18%)	100	100	100	100	100	100	100	100	100	100	100	100
Add GST.18% (HSN Code: 68118100) for Tender Work (Rs.)		18	18	18	18	18	18	18	18	18	18	18	18
6	Vegetative Fencing material / Bamboo (LS) / Gabion (GST : NIL)	1000	1000	500		9000			9000	500	500	500	3000
7	Carriage of Seedlings and fertilizer by Truck / vehicle etc.(GST : 18%)	500	500	500	500	4000	500	500	4000	500	500	600	
Add GST.18% (SAC Code: 996601) for Tender Work (Rs.)		90	90	90	90	720	90	90	720	90	90	108	
8	Contingencies	1000	800	500	1000	500	500	500	1000	800	500	1000	1000
Total Material Cost without GST (Rs.)=		7100	5900	3600	3600	17300	2600	2600	16600	6900	5100	5200	7600
Grand Total for Departmental Work (Rs.)=		51750	44910	40025	29920	49025	27275	27510	49500	49670	48810	48675	44495
Total for e-Tender Work without GST (Rs.)=		56500	49060	43900	32720	52400	29900	30160	53000	54220	53460	53300	48420
Add Total GST for Tender work (Rs.)=		9000	7877	7362	5350	7056	5022	5069	7290	8626	8813	8784	7366
GRAND TOTAL for e-TENDER WORK with GST (Rs.)=		65500	56937	51262	38070	59456	34922	35229	60290	62846	62273	62084	55786


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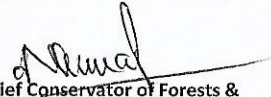
SCHEDULE FOR 1ST YEAR MAINTENANCE OF PLANTATIONS (2018-19)													
	Type of plantation												
		Sal SB	QGS SB	CSB SB	Mangrove SBR & WC	Strip SB	Bamboo SB	Bamboo NB	Strip NB	NB & Hills Sal	NB Misc	Misc Hills	Fodder NB, Hills and SB
No of seedlings per ha		1600	1600	1600	5000	1600	625	625	1600	2500	2500	1600	10000
Spacing per ha		2.5m x 2.5m	2.5m x 2.5m	2.5m x 2.5m	2m x 1m	2.5m x 2.5m	4m x 4m	4m x 4m	2.5m x 2.5m	2m x 2m	2m x 2m	2.5m x 2.5m	1mX1m
Sl.	Particulars of Work												
A.	Labour Component												
1	Vacancy infilling and transport of seedlings	5	5	5	8	5	3	3	5	5	5	5	
2	1st weeding, cleaning, mulching, with application of fertilizer	14	8			12	5	5	14	16	16	16	14
3	2nd weeding, cleaning, mulching	12	6			10	2	2	12	14	14	14	12
4	3rd weeding, cleaning	10	6			8			10	10	10	10	8
5	4th weeding, cleaning								8	8	8	8	
6	Cutting of firelines 3.0 m wide	5	5			5	2	2	5	5	5	5	5
7	Watch & Ward	20	10	20	12	20			20	20	20	20	10
8	Application of Insecticide and fertillizer	2	2			2			2	2	2	2	
9	Watering	8				10			10				
10	Repair of Fencing		2	2					2	2	2	2	
11	Application of fertilizer and insecticide etc. including carriage	5	5			5			5	5	5	5	
12													
Total Mandays (Nos.)=		81	49	27	20	77	12	12	93	87	87	87	49
Cost of Labour Component @ Rs.235/MD for Departmental Work (Rs.)=		19035.00	11515.00	6345.00	4700.00	18095.00	2820.00	2820.00	21855.00	20445.00	20445.00	20445.00	11515.00
Cost of Labour Component @ Rs.260/MD for Tender Work (Rs.)=		21060.00	12740.00	7020.00	5200.00	20020.00	3120.00	3120.00	24180.00	22620.00	22620.00	22620.00	12740.00
Add GST.18% (SAC Code: 998519) for Tender Work (Rs.)=		3791	2293	1264	936	3604	562	562	4352	4072	4072	4072	2293
Cost of Labour Component for tender work with GST (Rs.)=		24851	15033	8284	6136	23624	3682	3682	28532	26692	26692	26692	15033
B. Material Cost (Rs.)													
1	Material for repair of live fencing including carriage upto site		300	300						300	300	300	
2	Cost of fertilizer including carriage	1760	1760	880		1760	880	880	1760	1760	1760	1760	
3	Cost of Insecticide	1000	1000			1000			1000	1000	1000	1000	
4	Contingency	534	566	518	580	538	508	508	522	578	578	578	526
Total Material Cost without GST (Rs.)=		3294	3626	1698	580	3298	1388	1388	3282	3638	3638	3638	526
Grand Total for Departmental Work (Rs.)=		22329	15141	8043	5280	21393	4208	4208	25137	24083	24083	24083	12041
Total for e-Tender Work without GST (Rs.)=		24354	16366	8718	5780	23318	4508	4508	27462	26258	26258	26258	13266
Add Total GST for Tender Work (Rs.)=		4384	2946	1569	1040	4197	811	811	4943	4726	4726	4726	2388
GRAND TOTAL for e-TENDER WORK with GST (Rs.)=		28738	19312	10287	6820	27515	5319	5319	32405	30984	30984	30984	15654


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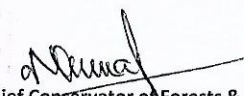
SCHEDULE FOR 2ND YEAR MAINTENANCE OF PLANTATIONS (2018-19)													
		Type of plantation											
		Sal SB	QGS SB	CSB SB	Mangrove SBR & WC	Strip SB	Bamboo SB	Bamboo NB	Strip NB	NB & Hills Sal	NB Misc	Misc Hills	Fodder NB, Hills and SB
No of seedlings per ha		1600	1600	1600	5000	1600	625	625	1600	2500	2500	1600	10000
Spacing per ha		2.5m x 2.5m	2.5m x 2.5m	2.5m x 2.5m	2m x 1m	2.5m x 2.5m	4m x 4m	4m x 4m	2.5m x 2.5m	2m x 2m	2m x 2m	2.5m x 2.5m	1mX1m
Sl.	Particulars of Work												
A. Labour Component													
1	Vacancy infilling and including carriage	5	5	5	8	5	3	3	5	5	5	5	
2	1st weeding, cleaning	14	8			12	5	5	14	16	16	16	14
3	2nd weeding, cleaning	12	6			10	2	2	12	14	14	14	12
4	3rd weeding, cleaning	10	6			8			10	10	10	10	8
5	Watch & Ward	20	10	20	12	20			20	20	20	20	
6	Digging of Fireline	5	5			5	2	2	5	5	5	5	5
7	Repair of Fencing		2	2					2	2	2	2	
Total Mandays (Nos.)=		66	42	27	20	60	12	12	68	72	72	72	39
Cost of Labour Component @ Rs.235/MD for Departmental Work (Rs.)		15510.00	9870.00	6345.00	4700.00	14100.00	2820.00	2820.00	15980.00	16920.00	16920.00	16920.00	9165.00
Cost of Labour Component @ Rs.260/MD for Tender Work (Rs.)		17160.00	10920.00	7020.00	5200.00	15600.00	3120.00	3120.00	17680.00	18720.00	18720.00	18720.00	10140.00
Add GST.18% (SAC Code: 998519) for Tender Work (Rs.)=		3089	1966	1264	936	2808	562	562	3182	3370	3370	3370	1825
Cost of Labour Component for Tender work with GST (Rs.)=		20249	12886	8284	6136	18408	3682	3682	20862	22090	22090	22090	11965
8	Contingency (Rs.)	584	508	598	580	540	588	588	532	528	528	528	586
Grand Total for Departmental Work (Rs.)=		16094	10378	6943	5280	14640	3408	3408	16512	17448	17448	17448	9751
Total for e-Tender Work without GST (Rs.)=		17744	11428	7618	5780	16140	3708	3708	18212	19248	19248	19248	10726
GRAND TOTAL for e-TENDER WORK with GST (Rs.)=		20833	13394	8882	6716	18948	4270	4270	21394	22618	22618	22618	12551


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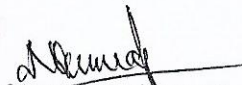
SCHEDULE FOR 3RD YEAR MAINTENANCE OF PLANTATIONS (2018-19)													
		Type of plantation											
		Sal SB	QGS SB	CSB SB	Mangrove SBR & WC	Strip SB	Bamboo SB	Bamboo NB	Strip NB	NB & Hills Sal	NB Misc	Misc Hills	Fodder NB, Hills and SB
No of seedlings per ha		1600	1600	1600	5000	1600	625	625	1600	2500	2500	1600	10000
Spacing per ha		2.5m x 2.5m	2.5m x 2.5m	2.5m x 2.5m	2m x 1m	2.5m x 2.5m	4m x 4m	4m x 4m	2.5m x 2.5m	2m x 2m	2m x 2m	2.5m x 2.5m	1mX1m
Sl.	Particulars of Work												
A.	Labour Component												
1	1st weeding, cleaning	14	8			12	5	5	14	16	16	16	
2	2nd weeding, cleaning	12	6			10	2	2	12	14	14	14	
Total Mandays (Nos.)=		26	14			22	7	7	26	30	30	30	
Cost of Labour Component @ Rs.235/MD for Departmental Work (Rs.)		6110	3290			5170	1645	1645	6110	7050	7050	7050	
Cost of Labour Component @ Rs.260/MD for Tender Work (Rs.)		6760	3640			5720	1820	1820	6760	7800	7800	7800	
Add GST.18% (SAC Code: 998519) for Tender Work (Rs.)=		1217	655			1030	328	328	1217	1404	1404	1404	
Cost of Labour Component for Tender work with GST (Rs.)=		7977	4295			6750	2148	2148	7977	9204	9204	9204	
3	Contingency	524	536			528	518	518	524	520	520	520	
Grand Total for Departmental Work (Rs.)=		6634	3826			5698	2163	2163	6634	7570	7570	7570	
Total for e-Tender Work without GST (Rs.)=		7284	4176			6248	2338	2338	7284	8320	8320	8320	
GRAND TOTAL for e-TENDER WORK with GST (Rs.)=		8501	4831			7278	2666	2666	8501	9724	9724	9724	


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SCHEDULE FOR 4TH YEAR MAINTENANCE OF PLANTATIONS (2018-19)													
		Type of plantation											
		Sal SB	QGS SB	CSB SB	Mangrove SBR & WC	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	5000	1600	625	625	1600	2500	2500	1600	10000
	Spacing per ha	2.5m x 2.5m	2.5m x 2.5m	2.5m x 2.5m	2m x 1m	2.5m x 2.5m	4m x 4m	4m x 4m	2.5m x 2.5m	2m x 2m	2m x 2m	2.5m x 2.5m	1mX1m
Sl.	Particulars of Work												
A.	Labour Component												
1	Weeding, cleaning						5	5		16	16	16	
	Total Mandays (Nos.)=						5	5		16	16	16	
	Cost of Labour Component @ Rs.235/MD for Departmental Work (Rs.)						1175.00	1175.00		3760.00	3760.00	3760.00	
	Cost of Labour Component @ Rs.260/MD for Tender Work (Rs.)						1300.00	1300.00		4160.00	4160.00	4160.00	
	Add GST.18% (SAC Code: 998519) for Tender Work (Rs.)=						234	234		749	749	749	
	Cost of Labour Component for Tender work with GST (Rs.)=						1534	1534		4909	4909	4909	
2	Contingency						570	570		584	584	584	
	Grand Total for Departmental Work (Rs.)=						1745	1745		4344	4344	4344	
	Total for e-Tender Work without GST (Rs.)=						1870	1870		4744	4744	4744	
	GRAND TOTAL for e-TENDER WORK with GST (Rs.)=						2104	2104		5493	5493	5493	



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SCHEDULE FOR 5TH YEAR MAINTENANCE OF North Bengal PLANTATIONS (2018-19)													
		Type of plantation											
		Sal SB	QGS SB	CSB SB	Mangrove SBR & WC	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	5000	1600	625	625	1600	2500	2500	1600	10000
	Spacing per ha	2.5m x 2.5m	2.5m x 2.5m	2.5m x 2.5m	2m x 1m	2.5m x 2.5m	4m x 4m	4m x 4m	2.5m x 2.5m	2m x 2m	2m x 2m	2.5m x 2.5m	1mX1m
Sl.	Particulars of Work												
A.	Labour Component												
1	weeding, cleaning & Climber cutting									14	14	14	
	Total Mandays (Nos.)=									14	14	14	
	Cost of Labour Component @ Rs.235/MD for Departmental Work (Rs.)									3290.00	3290.00	3290.00	
	Cost of Labour Component @ Rs.260/MD for Tender Work (Rs.)									3640.00	3640.00	3640.00	
	Add GST.18% (SAC Code: 998519) for Tender Work (Rs.)=									655	655	655	
	Cost of Labour Component for Tender work with GST (Rs.)=									4295	4295	4295	
2	Contingency									470	470	470	
	Grand Total for Departmental Work (Rs.)=									3760	3760	3760	
	Total for e-Tender Work without GST (Rs.)=									4110	4110	4110	
	GRAND TOTAL for e-TENDER WORK with GST (Rs.)=									4765	4765	4765	


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Schedule of Maintenance of Tall Seedlings for 2019 plantations

Number of Seedlings per hectare (add 10% casualaity)		Type of Plantation		
		Sal SB	Strip SB	Strip NB
		1600	625	625
Sl.	Particulars of Work	M.Days@ Rs.235/-		
A.	LABOUR COMPONENT			
Cost of doing the following works in connection with maintenance of seedlings quantum to per ha. 2nd year at Central Nurseries from April,2018 to March,2019				
1	Cost of preparation of potting mixture for 8"X12" polybag and fillings the bags with potting mixture		6	6
2	Replacement, shifting & maintenance of seedlings from 4"X8" polypot / hypocot to 8"X10" polybag in the month of April,18		3	3
3	Sorting,shifting,weeding-Cleaning, forking, culling, watering and maintenance of seedlings in central nurseries for 12 months (April, 2018 to March, 2019)	36	12	12
4	Application of Bio-fertiliser, insecticides, Fungicides, Hormone, Micronutrients etc	6	2	2
5	Cost of Watch & Ward	8	4	4
Total Mandays (Nos.)=		50	27	27
Cost of Labour Component @ Rs.235/MD for Departmental Work (Rs.)=		11750	6345	6345
Cost of Labour Component @ Rs.260/MD for Tender Work (Rs.)=		13000	7020	7020
Add GST.18% (SAC Code: 998519) for Tender Work (Rs.)=		2340	1264	1264
Cost of Labour Component for tender work with GST (Rs.)=		15340	8284	8284
B.	MATERIAL COMPONENT (in Rs.)			
6	Additional cost of Cow-Dung Manure for larger poly bag over 1.25 m3 @ Rs.2500/- per cubic metres (GST: NIL)		3125	3125
7	Cost of good earth over 2.5 m3 @ Rs.700/- per m3 (GST: NIL)		1750	1750
8	Cost of sand over 1.25 m3 @ Rs.800/- per m3 (GST: NIL)		1000	1000
9	Cost of Poly Bag (8" X 12") over 6 kgs @ Rs. 150/- per Kg (GST: 18%)		900	900
Add GST.18% (HSN Code: 3901 to 3913) for Tender Work (Rs.)			162	162
10	Cost of Oil Cake/ Biofertiliser, Compost for replenishment of hypocot seedlings/ Organic manure etc. (GST: NIL)	1500		
11	Cost of Insecticides, Fungicides, Micro-nutrients, Hormone etc. (GST: NIL)	500	200	200
12	Contingencies	1000	1000	1000
Total Material Cost without GST (Rs.)=		3000	7975	7975
Grand Total for Departmental Work (Rs.)=		14750	14320	14320
Total for e-Tender Work without GST (Rs.)=		16000	14995	14995
Add Total GST for Tender work (Rs.)=		2340	1426	1426
GRAND TOTAL for e-TENDER WORK with GST (Rs.)=		18340	16421	16421



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Estimate for Creation of DPN for Hills, North Bengal & South Bengal 2018-19

Estimate for " D.P.Nursery - Creation (For 2000 nos of seedlings).

Sl.	Particulars of Work	No.of MD	Mat.in unit	Rate in Rs.	Amount in Rs.
A	Grant for raising DPN nursery to the respective stake holder (Farmer/JFMC member/ Aranya Bandhu)	16		235.00	3760.00
GRAND TOTAL (1.0 ha)		16			3760.00

Rupees three thousand Seven hundred and sixty only


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