



"झाडे लावा झाडे जगवा"



महाराष्ट्र शासन

वनविभाग,

उपवनसंरक्षक पांढरकवडा (प्रादे.) वनविभाग, पांढरकवडा यांचे कार्यालय

दुरध्वनी क्र. : (07235) 227438

Email ID: dycfpkawda@mahaforest.gov.in

जा.क्र.उवसं/ब/सं/१७६६/2022-23

वनभवन, चिंतामणी ले आउट, पांढरकवडा ता. केळापूर जि. यवतमाळ 445 302

पांढरकवडा दिनांक

December - 2023

प्रति,

वनसंरक्षक,
(प्रादेशिक) यवतमाळ

Sub.:- Diversion of 3.57 ha. Reserved Forest land under Forest (Conservation) Act, 1980 in favour of Maharashtra State Electricity Transmission Co. Ltd., EHV project division Amravati for Construction of 220 K.V. Wani - Pandharkawada Transmission Line at village Dhoptala and Dhandir Taluka Wani in Pandharkawada Forest Division, Yavataml District in the state of Maharashtra-regarding.

- संदर्भ :-**
- 1) केंद्र शासन पत्र क्रमांक FC-I / MH- 275 / 2022 NGP / 11185 Dated 09.02.2023
 - 2) मा.अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी म.रा. नागपुर यांचे पत्र क्र.कक्ष-17/नोडल यवतमाळ/ आ.य.डी.क्र.12969/3091, दिनांक 15.02.2023
 - 3) आपले पत्र क्रमांक वसं(य)/कक्ष-10/वस/3450/2022-23, दिनांक 01.03.2023

आपले संदर्भीय पत्र क्र 3 अन्वये केंद्र शासनाचे संदर्भीय पत्र क्र 1 प्रमाणे विषयांकित प्रस्तावात तत्त्वतः मजुरी पत्रातील अटी पूर्तता अहवाला मधील अट क्र IX ची पूर्तता झाली नसल्याने, अट क्र IX ची पूर्तता करण्या बाबत या कार्यालयास कळविण्यात आले आहे.

त्यानुसार विषयांकित प्रस्तावाचे तत्त्वतः मजुरी पत्रातील अट क्र IX चा पूर्तता अहवाल खालील प्रमाणे सादर.

S.NO.	Observation	Compliance
IX	The User Agency in consultation with the State Forest Department prepare a detailed scheme for creation and maintenance of plantation of dwarf species (preferably medicinal plants) in right of way under the transmission line and provide funds for execution of the said scheme to the State Forest Department. A copy of the same shall be submitted along with Stage-I compliance report:	पर्यायी वनीकरणा साठी ची योजना या सह सादर.

(किरण एस.जगताप)

उपवनसंरक्षक,
पांढरकवडा वनविभाग, पांढरकवडा

प्रतिलिपी :- Executive Engineer EHV Project Division, MSETCL, Amravati यांना माहितीस अग्रेषित.

Model Rate Structure for Compensatory Afforestation

Model No. 5

Scheme for Medicinal Plantations

Model rate structure for plantation of mixed tree species/Medicinal/Dwarf species having minihill less than 800 mm and medium quality, medium drained soil.

Spacing 3m x 3m
Size of Pits 0.45 x 0.45 x 0.45m
1111 per ha wage rate Rs 432.92 per day
No. of Seedlings ha

VILLAGE TALUKA
RANGE
SURVEY NO.

Onsite/Dhandhi
Wani Wani
91 10

(Amount in Rs.)

Sl No	Particulars of works	Man days	Wages	Material supply	Total (Rs. Per Ha.)	Sanction Letter Dt. / Model No. / Item No.	For 3.5700 ha			
A. Pre Monsoon Works PPO/PVO							Man days	Wages	Material supply	Total (Rs. Per Ha.)
1	(a) Survey and demarcation	1	432.92	91	523.92	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no.	11.31	1545.52	324.87	1870.39
	(b) Preparation of treatment map (100 m x 50 m grid)	1	432.92	91	523.92	Item No. 1b	11.31	1545.52	324.87	1870.39
	(c) Digging trial pits of size 0.30x0.30x0.60 in corner of Grid.	0.4	173.168	0	173.168	Item No. 1c	1.43	618.21	0.00	618.21
	(d) Fixing 60cm x 0.05cm x 12cm cement pillars upto 50cm deep in corner of Grid, painting with Grid No. etc complete (3 pillars, Rs.75/- for each pillar)	0	0	225	225	Item No. 1d	0.00	0.00	803.25	803.25
	(e) Clearing of bushes and preparation of site (As per requirement)	10	4329.2	91	4420.2	Item No. 1e	35.70	15455.24	324.87	15780.11
2	Soil and moisture conservation works including collection of rubbles from areas upto 30 m etc	31	13420.5	0	13420.52	Item No. 2	110.67	47911.26	0.00	47911.26
3	Providing and fixing chain link fencing, 102 Rmt per ha (With one gate + two wickets gates for one site) (Rs.1494/- per Rmt of basic rate + 20% for transportation of ave. lead plus 20% for tribal/remote area (by tender process)) (Rs.1494+149+149=1792/- per Rmt (1.60 Rmt height with G.I. Chain link size 50mmx50mm, 8 gauge thick and fixed 75mm above ground level complete as per SSR item No.1744 for 2017-18)	0	0	182866	182866.6	As per SSR rates 2017/18 Item No. 1744	0.00	0.00	652830.19	652830.19
4	Alignment of pits at 3m x 3m spacing: 1111 pits per Ha (0.25 per 100 pits and M&S @ Rs. 2.24 per 50 pits.	2.78	1203.52	49.77	1253.2876	Item No. 4	8.92	4296.56	177.68	4474.24
5	Digging of pits of size 0.45 x 0.45 x 0.45 m (1111 pits per ha) 6.60 M D per 100 pits. Note :- As per local conditions provision for mechanized digging can be made.	103	44590.8	0	44590.76	Item No. 5	367.71	159189.01	0.00	159189.01
6	Construction of 3.00 Rmt wide Inspection Path 1M D per 100 Rmt	1	432.92	0	432.92	Item No. 6	3.5700	1545.52	0.00	1545.52
7	Enumeration of all valuable plant species at plantation site and grid wise counting and providing color band and recording the same in Register (0.75 M.D.) per 100 plants	0.75	324.69	25	349.69	Item No. 7	2.68	1159.14	89.25	1248.39
8	Providing and fixing (4 feet x 3 feet) information board each per site	0	0	5000	5000	Item No. 8	0.00	0.00	17850.00	17850.00
9	Part Nursery cost of raising 1333 seedlings per ha (including 20% casualty replacement) in polygons of size 12.50 x 25.00 cm (Wages Rs.11.90 and M & S Rs.3.62 per plant)	46.63	20187.1	4825.46	25012.5196	Item No. 9 20% Casualty replacement in place of 10%	166.47	72067.80	17226.89	89294.69
Total		197.56	85527.7	193264	278791.505					
Contingency 3%				0	5797.91		720.77	305333.80	688951.87	995285.67
Labour Welfare 4%				0	7730.55		0.00	0.00		29858.57
Grand Total		197.56	85527.7	206792	292319.973		720.77	305333.80	688951.87	1064960.43

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Deputy Conservator of Forest
Pandharkawada Dn.Pandharkawada

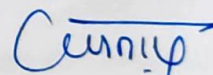
B. First Year Operations

1	Part Nursery cost for maintenance of 1533 seedling per ha Rs. 3.77 per seedling (Wages Rs.2.68, M & S Rs. 0.12)	14.8	6407.216	1079.73	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no 1 Item No. 1 casualty replacement 20%	52.84	22873.76	3854.64	26728.40
2	Refilling of pits by good quality soil including application of single super phosphate (1.66 MD per 100 pits)	18.44	7983.0448	1944.25	Item No. 2	65.83	28499.47	6940.97	35440.44
3	Transportation of 1533 seedlings from Nursery to plantation site including loading & unloading (0.14 M.D. per 100 seedlings & M.S. Rs.1.82 Per seedlings)	1.87	809.5604	2426	Item No. 3 10% Extra Plants to be transported	6.68	2890.13	8660.82	11550.95
4	Planting of 1111 seedlings (1.0 MD per 100 seedlings)	11.11	4809.7412	0	Item No. 4	39.66	17170.78	0.00	17170.78
5	3 seedlings (1 Rot. circular) and 2 soil workings (4.00 M.D per 100 seedlings) fertilizer application Rs.0.82 per seedling	44.44	19238.9648	911.02	Item No. 5	158.65	68683.10	3252.34	71935.45
6	Watering 1111 seedlings November and December 1 time each, January to March 2 times each per seedlings 5 litre water, purchase of 1111 plastic can of 5 litre / matka @Rs.25/- each and 100 litre capacity 11 drums @Rs.400/- each for supplying water and water supply at @Rs.0.05 per litre and wages for watering 1 M.D. for 150 seedlings	59.25	25650.51	54395	Item No. 7	211.52	91572.32	194190.15	285762.47
7	Casualty replacement (20% 222 Seedlings per ha.) (2 M.D. per 100 seedlings)	4.44	1922.1648	0	Item No. 6 20% instead of 10%	15.85	6862.13	0.00	6862.13
8	Part Nursery cost for casualty replacement in SYO (222 seedlings per ha.) (wages Rs. 11.90 and material supply Rs.3.62 total Rs.12.55 per seedling.)	7.77	3363.7884	803.64	Item No. 8 20% instead of 10%	27.74	12008.72	2868.99	14877.72
9	Watch and ward (10 months - 1 watcher per 10 ha)	27.38	11853.3496	0	Item No. 9	97.75	42316.46	0.00	42316.46
10	Soil working for naturally grower plants and singling (1.15 M.D. per 100 plants)	1.15	497.858	10	Item No. 10	4.11	1777.35	35.70	1813.05
11	Fire tracing	2	865.84	0	Item No. 12	7.14	3091.05	0.00	3091.05
Total		192.65	83402.038	61569.64		687.76	297745.28	219803.61	517548.89
Contingency 3%				0					15526.47
Labour Welfare 4%				0					2462.7856
Grand Total		192.65	83402.038	65879.5148		687.76	297745.28	219803.61	553777.31

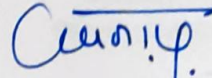
C. Second Year Operations

1	Part nursery cost for seedlings for casualty replacement (222 seedlings per ha) labour rate @ Rs.3.77 and M.S. Rs.1.82 per seedlings	2.46	1064.9832	404	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1 casualty replacement 20%	8.78	3801.99	1442.28	5244.27
2	Transportation of 222 seedlings for casualty replacement from nursery to plantation site (including loading and unloading) wages 0.14 M.D Per 100 Seedling & M.S. Rs.1.82 per seedlings	0.31	134.2052	404.04	Item No. 2 20% instead of 10%	1.11	479.11	1442.28	1921.39
3	Planting for casualty replacement 222 seedlings (2.00 M.D. per 100 seedlings)	4.44	1922.1648	0	Item No. 3 20% instead of 10%	15.85	6862.13	0.00	6862.13
4	2 seedlings and 1 soil working, with fertilizer application 2.5 M.D. per 100 seedlings at M.S. Rs. 0.82 per seedling	27.77	12022.1884	911.02	Item No. 4	99.14	42919.21	3252.34	46171.55
5	Watering 1111 seedlings in November, December, January and June 1 time each and in February to May 2 times each total 12 times 5 litre per seedlings, replacing 10% plastic can / matka @Rs.25/- each replacing 111 cans / matka, supplying water @Rs.0.50/- per litre and watering 150 seedlings per M.D.	88.88	38477.9296	36105	Item No. 5	317.30	137366.21	128894.85	266261.06
6	Watch and ward 12 months -1 watcher per 10.00 ha	36.5	15801.58	0	Item No. 6	130.31	56411.64	0.00	56411.64
7	Fire tracing	2	865.84	0	Item No. 8	7.14	3091.05	0.00	3091.05
Total		162.36	70288.8912	37824.06		579.63	250931.34	135031.75	385963.09
Contingency 3%				0					1134.7218
Labour Welfare 4%				0					1512.9624
Grand Total		162.36	70288.8912	40471.7442		579.63	250931.34	135031.75	412980.51

D. Third Year Operations					Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	59.51	25763.89	3252.34	29016.23
1	1 weeding and 1 soil working (1.50 M.D per 100 seedlings) applying fertilizer @ Rs 0.82 per plant.	16.67	7216.7764	911.02	Item No. 2	158.79	68744.93	59547.60	128292.53
2	Watering 356 seedlings in November, December, January and June 1 time each and February to May 2 times each total 12 times per seedlings 5 litre. water supply @Rs 0.50/- litre and watering 150 seedlings per M.D.	44.48	19256.2816	16680	Item No. 3	130.31	56411.64	0.00	56411.64
3	Watch and ward 12 months 1 watcher per 10.00 ha	36.5	15801.58	0	Item No. 5	7.14	3091.05	89.25	3180.30
4	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2	865.84	25	Item No. 6	7.14	3091.05	0.00	3091.05
5	Fire tracing	2	865.84	0		362.89	157102.56	62889.19	219991.75
Total		101.65	44006.318	17616.02					6599.75
Contingency 3%			0	528.4806					8799.67
Labour Welfare 4%			0	704.6408					235391.17
Grand Total		101.65	44006.318	18849.1414		362.89	157102.56	62889.19	
E. Fourth Year Operations					Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	130.31	56411.64	0.00	56411.64
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.5	15801.58	0	Item No. 2	7.14	3091.05	89.25	3180.30
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2	865.84	25	Item No. 3	7.14	3091.05	0.00	3091.05
3	Fire tracing	2	865.84	0		144.59	62593.74	89.25	62682.99
Total		40.5	17533.26	25					1880.49
Contingency 3%			0	0.75					2507.32
Labour Welfare 4%			0	1					67070.80
Grand Total		40.5	17533.26	26.75		144.59	62593.74	89.25	
F. Fifth Year Operations					Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	130.31	56411.64	0.00	56411.64
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.5	15801.58	0	Item No. 2	7.14	3091.05	89.25	3180.30
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2	865.84	25	Item No. 3	7.14	3091.05	0.00	3091.05
3	Fire tracing	2	865.84	0		144.59	62593.74	89.25	62682.99
Total		40.5	17533.26	25					1880.49
Contingency 3%			0	0.75					2507.32
Labour Welfare 4%			0	1					67070.80
Grand Total		40.5	17533.26	26.75		144.59	62593.74	89.25	
G. Sixth Year Operations					Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	130.31	56411.64	0.00	56411.64
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.5	15801.58	0	Item No. 2	7.14	3091.05	89.25	3180.30
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2	865.84	25	Item No. 3	7.14	3091.05	0.00	3091.05
3	Fire tracing	2	865.84	0		144.59	62593.74	89.25	62682.99
Total		40.5	17533.26	25					1880.49
Contingency 3%			0	0.75					2507.32
Labour Welfare 4%			0	1					67070.80
Grand Total		40.5	17533.26	26.75		144.59	62593.74	89.25	


 Deputy Conservator of Forest
 Pandharkawada Dn. Pandharkawada

H. Seventh Year Operations									
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.5	15801.58	0	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	130.31	56411.64	0.00	56411.64
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2	865.84	25	Item No. 2	7.14	3091.05	89.25	3180.30
3	Fire tracing	2	865.84	0	Item No. 3	7.14	3091.05	0.00	3091.05
	Total	40.5	17533.26	25		144.59	62593.74	89.25	62682.99
	Contingency 3%		0	0.75					1880.49
	Labour Welfare 4%		0	1					2507.32
	Grand Total	40.5	17533.26	26.75		144.59	62593.74	89.25	67070.80
I. Eighth Year Operations									
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.5	15801.58	0	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	130.31	56411.64	0.00	56411.64
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2	865.84	25	Item No. 2	7.14	3091.05	89.25	3180.30
3	Fire tracing	2	865.84	0	Item No. 3	7.14	3091.05	0.00	3091.05
	Total	40.5	17533.26	25		144.59	62593.74	89.25	62682.99
	Contingency 3%		0	0.75					1880.49
	Labour Welfare 4%		0	1					2507.32
	Grand Total	40.5	17533.26	26.75		144.59	62593.74	89.25	67070.80
J. Ninth Year Operations									
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.5	15801.58	0	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	130.31	56411.64	0.00	56411.64
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2	865.84	25	Item No. 2	7.14	3091.05	89.25	3180.30
3	Fire tracing	2	865.84	0	Item No. 3	7.14	3091.05	0.00	3091.05
	Total	40.5	17533.26	25		144.59	62593.74	89.25	62682.99
	Contingency 3%		0	0.75					1880.49
	Labour Welfare 4%		0	1					2507.32
	Grand Total	40.5	17533.26	26.75		144.59	62593.74	89.25	67070.80
K. Tenth Year Operations									
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.5	15801.58	0	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	130.31	56411.64	0.00	56411.64
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2	865.84	25	Item No. 2	7.14	3091.05	89.25	3180.30
3	Fire tracing	2	865.84	0	Item No. 3	7.14	3091.05	0.00	3091.05
	Total	40.5	17533.26	25		144.59	62593.74	89.25	62682.99
	Contingency 3%		0	0.75					1880.49
	Labour Welfare 4%		0	1					2507.32
	Grand Total	40.5	17533.26	26.75		144.59	62593.74	89.25	67070.80


Deputy Conservator of Forest
Pandharkawada Dist. Pandharkawada

Abstract for Model No.5

(Amount in Rupees)

S. N.	Year of operation	Man days	Wages	Material supply	Other expenses	Man days	Wages	Material supply	Total
						For 3.5700 ha.			
1	Pre Monsoon works	197.56	85527.7	206792	13528.47	720.77	305333.80	689951.9	1064960.43
2	First Year Operations	192.65	83402	61569.6	4309.87	687.76	297745.28	219803.6	553777.31
3	Second Year Operations	162.36	70288.9	37824.1	2647.68	579.63	250931.34	135031.8	412980.51
4	Third Year Operations	101.65	44006.3	17616	1233.12	362.89	157102.56	62889.19	235391.17
5	Fourth Year Operations	40.5	17533.3	25	1.75	144.59	62593.74	89.25	67070.80
6	Fifth Year Operations	40.5	17533.3	25	1.75	144.59	62593.74	89.25	67070.80
7	Sixth Year Operations	40.5	17533.3	25	1.75	144.59	62593.74	89.25	67070.80
8	Seventh Year Operations	40.5	17533.3	25	1.75	144.59	62593.74	89.25	67070.80
9	Eighth Year Operations	40.5	17533.3	25	1.75	144.59	62593.74	89.25	67070.80
10	Ninth Year Operations	40.5	17533.3	25	1.75	144.59	62593.74	89.25	67070.80
11	Tenth Year Operations	40.5	17533.3	25	1.75	144.59	62593.74	89.25	67070.80
	Total	937.72	405958	323977	21731.40	3363.14	1449269.14	1108301	2736605.00

Cost per plant Rs 596.02

Note:-

1. Rates of chain linked fencing derived from SSR-2022-23 with addition for area difference and transportation lead.
2. Plantation M.D. and M.S. component derived from rate structure as approved by PCCF (HoFF) M.S. vide letter No.Desk-1/EGS/CR-10/2282/2017-18/Nagpur, Dated 07/03/2018.

Administrative Sanction

Administrative Sanction of Rs 27,36,605.00/-

Administrative Sanction No. 52

Date 8.3.2023

Technical Sanction

Technical Sanction of Rs 27,36,605.00/-

Technical Sanction No. 120

Date 8.3.2022

Assit. Conservator of Forest.
(FLCS & Comp Wani)
Wani.

Cunup
Deputy Conservator of Forest
Pandharkawada Dn. Pandharkawada