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कार्यालय प्रधान मुख्य वन संरक्षक, (हॉफ), राजस्थान, जयपुर

क्रमांक एफ 3(13)प्रमुवसं/ट्री/तक0/23-24/61-76(A) दिनांक:- 05/02/2025
निमित्त,

- 1-परियोजना निदेशक, आर.एफ.बी.पी. जयपुर।
- 2-परियोजना निदेशक, आर.एफ.बी.डी.पी. जयपुर।
- 3- समस्त सम्भागीय मुख्य वन संरक्षक जयपुर/अजमेर/भरतपुर/कोटा/
उदयपुर/बीकानेर/जोधपुर/(वन्यजीव) जयपुर/कोटा/उदयपुर/
सवाईमाधोपुर/सरिस्का/जोधपुर/विभागीय कार्य जयपुर

विषय:-नवीन मॉडल कॉस्ट नोर्म्स न्यूनतम श्रमिक दर रु. 285/एवं सामग्री दर
2023

महोदय,

उपरोक्त विषयान्तर्गत निवेदन है कि श्रमिक दर 285/रूपये प्रति दिन के आधार पर प्राप्त हुए वृक्षारोपण मॉडल राज्य स्तरीय मॉडल कमेटी की अनुशंसा पर प्रधान मुख्य वन संरक्षक, (हॉफ) राजस्थान, जयपुर के अनुमोदन उपरान्त संलग्न कर आवश्यक कार्यवाही हेतु प्रेषित किये जा रहे हैं:-

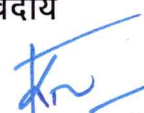
- 1- Model cost norms Grassland Development Desert Area (Without Planting)
- 2- Model cost norms Grassland Development Non-Desert Area (Without Planting)

उक्त सभी मॉडल विभागीय वेबसाइट के निम्न लिंक पर उपलब्ध है।

<http://www.forest.rajasthan.gov.in/content/raj/forest/en/forest,-department/departmental-wings/forest-development/model-for-developmental-activities.htm>

संलग्न-मॉडल की प्रति।

भवदीय


मुख्य वन संरक्षक (आयोजना)
राजस्थान, जयपुर।

5/2/2025

Model Cost Norms Grassland Development Desert Area (Without Planting)

Labour rate Rs. 285/- per day

Perimetre- 60 m/ha


Unit- 50 Ha


No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
YEAR- 0 Advance Action							
1	Survey of area, alignment of pits for pole fixing, division of area into segments, preparation of treatment map and plantaion card.	Prorata	1	481.39	431.27	50.12	481.39
2	Fencing				0.00	0.00	0.00
	A. Fencing of plantation area with 2.1 mt. high Prestressed cement concrete	Meter	30	214.35	1320.47	5110.08	6430.55
	B. Ditch fencing 1.20m deep, 1.50m wide at top & 0.90m at bottom(on an	Meter	30	309.02	9270.68	0.00	9270.68
3	Removal of invasive species(Lantana camera, Prosopis juliflora etc.) (as per	Prorata	-		4401.00	532.00	4933.00
4	In Situ Soil & Moisture Conservation measures like check dam, Nadis,	LS	-		880.31	638.76	1519.07
5	Digging up 100 rmt V-dich with cross section size: 1.20x((0.30+0.0)/2) Sqmt.	Meter	100	26.98	2698.16	0.00	2698.16
6	Raising of Grass slips and other indigenous plants in 10cmX15 cm				0.00	0.00	0.00
	Grass 1200 slips	Plant	1200	2.52	3023.87	0.00	3023.87
7	Sign board including painting and fixing	Prorata	1	117.33	0.00	117.33	117.33
8	Collection / Purchase of grass seeds of local indigenous species (6 Kg/Ha)	Prorata	6	113.91	0.00	683.47	683.47
9	Construction of Cattle guard hut	Prorata	1	661.59	459.96	201.62	661.59
10	R & M of Vehicle	Prorata	1	264.06	0.00	264.06	264.06
11	Labour amenities	Prorata	1	160.63	0.00	160.63	160.63
11	Purchase of tools, plants & insecticides	Prorata	1	157.20	0.00	157.20	157.20
12	Misc. and unforeseen expenditure	Prorata	1	215.56	149.65	65.91	215.56
TOTAL YEAR 0					22635	7981	30617

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YEAR 1 - PLANTING YEAR							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Creation of permanent Water Point	Prorata	2	1629.11	1980.70	1277.52	3258.22
2	In Continuosion and Subsequent Removal of invasive species (Lantana)	Prorata	-	-	3301.00	425.00	3726.00
3	Maintanence of Grass slips and other indigenous plants in 10cmX15 cm	Prorata	1200	1.094	1100.39	212.92	1313.31
4	Transport of 1200 grass slips upto site including loading and unloading (upto	Prorata	1200	1.221	1465.72	0.00	1465.72
5	Digging of Furrows (by tractor) 200 rmt	RMT	200	1.065	0.00	212.92	212.92
6	Digging of Furrows (15x15cm) manual 200 RMT	RMT	200	2.146	429.15	0.00	429.15
7	Sowing of grass seeds in V-dicth, Furrows, Checkdams, Earthen Bunds,	Prorata	1	257.854	257.85	0.00	257.85
8	Sowing of grass seeds after making notches (20x20x15 cms)	Prorata	200	1.651	330.12	0.00	330.12
9	Planting-				0.00	0.00	
	Planting of 1000 grass slips including local transport and watering	Plant	1000	3.345	3345.19	0.00	3345.19
10	Collection / Purchase of grass seeds of local indigenous species (3 Kg/Ha)	Prorata	3	227.824	0.00	683.47	683.47
11	Construction of approach roads/inspection path/Fire lines	Prorata	-		220.08	57.49	277.57
12	Running & Maintenance of Vehicles	Prorata	1	223.790	0.00	223.79	223.79
13	Labour amenities	Prorata	1	154.921	0.00	154.92	154.92
14	Watch & Ward for 12 months		1	1780.879	1780.88	0.00	1780.88
15	Misc. and unforeseen expenditure	Prorata	1	398.101	272.48	125.62	398.10
	Total YEAR 1				14484	3374	17857


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YEAR-2 Maintenance-I							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	In Continuouision and Subsquent Removal of invasive species (Lantana camera, Prosopis juliflora etc.) (as per requirement) in	Prorata	-	-	2750.00	532.00	3282.00
2	Collection / Purchase of grass seeds of local indigenous species.	Prorata	-	-	110.04	106.46	216.50
3	Sowing of Grass and other speices seeds	Prorata	-	-	440.16	0.00	440.16
4	Expenditure on Maintenance including (Repair of fencing/Structures, Removal	Prorata			519.61	136.58	656.19
5	Watch & Ward for 12 months				1780.88	0.00	1780.88
6	R&M of vehicles	Prorata			0.00	390.72	390.72
7	Miscellaneous expenditure (Labour, Instruments, Machine etc)	Prorata			243.23	10.25	253.48
Total					5844	1176	7020

Year-3 Maintenace-II							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Watch & Ward for 12 months				1780.88	0.00	1780.88
2	Miscellaneous expenditure (Labour, Removal of weeds, Instruments,	Prorata			354.61	61.51	416.12
Total					2135	62	2197

Year-4 - Maintenance-III							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Watch & Ward for 12 months				1780.88	0.00	1780.88
2	Miscellaneous expenditure (Labour, Removal of weeds, Instruments,	Prorata			168.89	101.38	270.27
Total					1950	101	2051

Yearwise Cost Grassland Development (Desert Area)

No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	YEAR 0 -ADVANCE ACTION				22635	7981	30617
2	YEAR 1 - PLANTING YEAR				14484	3374	17857
3	YEAR 2 - MAINTENANCE I				5844	1176	7020
4	YEAR 3 - MAINTENANCE II				2135	62	2197
5	YEAR - 4 MAINTENANCE III				1950	101	2051
Grand Total					47048	12694	59742

नोट :- मॉडल्स कार्यस्थल विशेष पर कार्य सम्पादित कराने के लिये प्राक्कलन नहीं है वरन केवल मार्गदर्शक है। कार्यस्थल पर कार्य सम्पादित कराने के लिए कार्य स्थल की विशेषताओं/ परिस्थितियों के अनुसार प्राक्कलन के आधार पर कार्य कराये जावें।

2. Fecing मद में Ditch fencing and Barbed Wire Fencing दोनों का प्रावधान रखा गया है। संबंधित मुख्य वन संरक्षक कार्यस्थल की परिस्थिति एवं नियमानुसार स्वीकृति देकर आवश्यकतानुसार परिवर्तन कर सकते है।

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Model Cost Norms for Grassland Development Non- Desert Area(Without Planting)

Labour rate Rs. 285/- per day

Unit- 50 Ha

Perimeter - 60m/ha

S. No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
YEAR- 0 Advance Action							
1	Survey of area, Layout of contour trenches/Furrows, Pits and marking of segments/plots	Prorata			521.75	53.54	575.29
2	Fencing by stone wall and or by ditch.				0.00	0.00	0.00
	A.Stone wall fencing 1.20m high 0.80m at base & 0.60 at top(on an	Meter	30	285.00	8550.03	0.00	8550.03
	B.Ditch fencing 1.20m deep,1.50m wide at top & 0.90m at bottom(on an	Meter	15	309.02	4635.34	0.00	4635.34
	C. Fencing of plantation area with 2.1 mt. high Prestressed cement concrete	Meter	15	214.35	660.23	2555.04	3215.27
3	In Situ Soil & Moisture Conservatin measures like check dam, Nadis,	Prorata	-		2291.01	1064.60	3355.61
4	Digging up 50 rmt V-dicth with cross section size: 1.2x((0.30+0.0)/2) Sqmt.	Meter	50	26.98	1349.08	0.00	1349.08
5	Removal of invasive species(Lantana camera, Prosopis juliflora etc.) (as per	Prorata	-		6602.00	532.00	7134.00
6	Restoration of natural regeneration by Cultural/ Silvicultural operations	Prorata			324.62	0.00	324.62
7	Collection / Purchase of grass seeds of local indigenous species .	Prorata			660.23	425.84	1086.07
8	Purchase of tools, plants & insecticides	Prorata	1	157.20	0.00	157.20	157.20
9	Cattle Guard Hut	LS	-		325.04	0.00	325.04
10	Labour amenities	Prorata			110.04	0.00	110.04
11	Watch & Ward for 4 months	Prorata	1	594.13	594.13	0.00	594.13
12	Misc. and unforeseen expenses including running of vehicles	Prorata			496.87	0.00	496.87
Total 0 year					27120	4788	31909

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YEAR : 1 PLANTATION YEAR							
S. No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	In Continuosion and Subsquent Removal of invasive species (Lantana)	Prorata	-	-	5501.00	532.00	6033.00
2	Creation of permanent Water Point	Prorata	1	1100.39	660.23	440.16	1100.39
3	grass seeds Sowing by twice plough with tractor in natural Layer (in 5 Ha.)	Prorata			110.04	422.24	532.28
4	Digging of Furrows (by tractor) 200 rmt	RMT	200	1.10	0.00	220.08	220.08
5	Digging of Furrows (15x15cm) manual 200 RMT	RMT	200	2.15	429.15	0.00	429.15
6	Sowing of grass seeds in tranche Furrows checkdams Earththen Bunds,				515.71	0.00	515.71
7	Sowing of grass seeds after making notches (20x20x15 cms)		100	2.20	220.08	0.00	220.08
8	Collection / Purchase of grass seeds of local indigenous species	Prorata			550.20	110.04	660.23
9	Watch and ward charges for 12 months	Prorata			1780.88	0.00	1780.88
10	Construction of approach roads/inspection path/Fire lines	Prorata	-	-	330.12	130.95	461.06
11	Construction of gate and fixing of sign boards	Prorata	-	-	484.05	76.53	560.58
12	Misc. and unforeseen expences including running of vehicles etc.	Prorata	-	-	275.96	237.84	513.79
Total 1 year					10857	2170	13027

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राजस्थान, जयपुर

Year-2 Maintenance-I							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	In Continuosion and Subsequent Removal of invasive species (Lantana)	Prorata	-	-	4951.00	532.00	5483.00
2	Collection / Purchase of grass seeds of local indigenous species	Prorata	-	-	220.08	110.04	330.12
3	Sowing of grass seeds after making notches (20x20x15 cms)	Prorata	50	2.20	110.04	0.00	110.04
4	Sowing of grass seeds in V-ditch, Furrows, Checkdams, Earthen Bunds,	Prorata	-	-	440.16	0.00	440.16
5	Maintenance of approach roads/inspection path/Fire lines	Prorata	-	-	220.08	0.00	220.08
6	R&M of vehicles	Prorata	-	-	0.00	403.85	403.85
7	Expenditure on Maintenance including (Repair of fencing/Structures, Removal	Prorata	-	-	519.61	141.17	660.78
8	Watch and ward charges for 12 months	Prorata	-	-	1780.88	0.00	1780.88
9	Miscellaneous expenditure (Labour, Instruments, Machine etc)	Prorata	-	-	248.73	114.90	363.63
Total					8491	1302	9793

Year-3 Maintenance-II							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Watch and ward charges for 12 months	Prorata	-	-	1780.88	0.00	1780.88
2	Miscellaneous expenditure (Labour, Instruments, Machine, repair of	Prorata	-	-	354.61	63.58	418.19
Total					2135	64	2199

Year-4 - Maintenance-III							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Watch and ward charges for 12 months	Prorata	-	-	1780.88	0.00	1780.88
2	Miscellaneous expenditure/repair of watercourse	Prorata	-	-	168.89	104.79	273.68
Total					1950	105	2055

Yearwise Cost Statement Grassland Development (Non- Desert Area)

No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	YEAR 0 ADVANCE ACTION				27120	4788	31909
2	YEAR 1 - PLANTING YEAR				10857	2170	13027
3	YEAR 2 - MAINTENANCE I				8491	1302	9793
4	YEAR 3 - MAINTENANCE II				2135	64	2199
5	YEAR - 4 MAINTENANCE III				1950	105	2055
Grand Total					50554	8428	58982

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2. fencing मद में Ditch fencing, Stonewall fencing and barbed wire fencing दोनों का प्राक्कलन रखा गया है। संबंधित मुख्य वन संरक्षक कार्यस्थल की परिस्थिति एवं नियमानुसार स्वीकृति देकर आवश्यकतानुसार परिवर्तन कर सकते हैं।

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