

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

क्रमांक एफ 3(13)प्रमुवसं/ट्री/तक0/23-24/ 295
निमित्त,

दिनांक:- 27.06.2025

- 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 के संशोधित मॉडल बाबत।

महोदय,

उपरोक्त विषयान्तर्गत निवेदन है कि श्रमिक दर 285/रूपये प्रति दिन के आधार पर पूर्व में जारी किये गये मॉडल पत्रांक संख्या 61-76 दिनांक 05.02.2025 राज्य स्तरीय मॉडल कमेटी की अनुशंसा पर प्रधान मुख्य वन संरक्षक, (हॉफ) राजस्थान, जयपुर के अनुमोदन उपरान्त संशोधन कर संलग्न कर आवश्यक कार्यवाही हेतु प्रेषित किये जा रहे हैं:-

(1) Model Cost Norms For RDF-II

(2) Model Cost Norms For Grassland Development-(Desert Areas)

(3) Model Cost Norms For Grassland Development-(Non-Desert Areas)

(4) Model Cost Norms For Silvi-Pastoral Non- IGNP(Wildlife/Hill Areas)

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

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

संलग्न-मॉडल की प्रति।

भवदीय

मुख्य वन संरक्षक (आयोजना)
राजस्थान, जयपुर।

Model Cost Norms for RDF II


Labour rate Rs. 285/- per day

Unit - 50 Ha

No. of Plants - 200

Perimeter - Average 3000 RM (1000 MX500M)


S. No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
YEAR- 0 Advance Action							
1	Collection of data for Microplanning, preparation of microplan and management plan	Prorata			665.00	53.54	718.54
2	Survey of area, Layout of contour trenches/Furrows, Pits and marking of segments/plots	Prorata			521.75	53.54	575.29
3	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 average 30m/ha.)	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 average 30m/ha.)	Meter	30	309.03	9270.83	0.00	9270.83
4	Cost of raising 220 seedlings	Plant	220	9.82	1519.86	641.10	2160.96
5	Raising of 240 plants in 10cmX15 cm bags for planting on mounds of trenches and V ditches(includes 20% extra)	Plant	0		0.00	0.00	0.00
6	Digging up Trenches :				0.00	0.00	0.00
a.	Digging up 300 rmt Staggered Contour Trenches with cross section size: 45cmX45cm Sqmt.	RMT	300	62.51	10893.86	0.00	10893.86
b.	Digging up 100 rmt V Ditches with 45X45 cm cross section on middle slopes and V ditch in Slope less than 6% as per site condition and requirement	RMT	100	91.68	3582.87	0.00	3582.87
c.	Construction of 50 M Contour Dykes with cross section 30X30 cm on upper slopes and sowing of suitable thorny shrub species along the inner side	RMT	50	138.91	1928.98	0.00	1928.98
7	Digging of 200 pits size: 0.45x((.4+.5)/2) cum	Plant	200	22.30	4460.49	0.00	4460.49
8	Cost of collection and purchases of grass and other seeds	Prorata			0.00	455.65	455.65
9	Restoration of natural regeneration by cultural operations and making crescent shaped mounds on the lower side of seedlings	Prorata			1425.01	0.00	1425.01
10	In situ Soil & Moisture Conservation measures like Check dam, Nadis, Earthen Bunds etc.	Prorata			2812.96	0.00	2812.96
11	Construction of water harvesting structure /Nadi	Prorata			6871.94	0.00	6871.94
12	Construction of Thatched cattle guard hut.	Prorata			285.00	38.73	323.73
13	Purchase or construction of Water storage Tank	Prorata			0.00	64.93	64.93
14	Purchase of tools and plants	Prorata			0.00	96.83	96.83
15	Labour amenities	Prorata			104.05	75.18	179.23
16	Watch and Ward for 4 months	Prorata			594.13	0.00	594.13
17	Misc. and unforeseen expenses including running of vehicles	Prorata			388.44	50.12	438.56
Total 0 year					53875	1530	55405


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प्रमुख (डी)
राज. जयपुर


(एस.आर.सी. मूखी)
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YEAR : 1 PLANTATION YEAR

S. No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Maintenance of 220 seedling in nursery	Plant	220	2.37	414.76	107.42	522.18
2	In situ Soil & Moisture Conservation measures like Check dam, Nadis, Earthen Bunds etc.	Prorata			3230.01	214.15	3444.17
3	Sowing/dibbling of seeds of grass, trees and shrubs including seeds of medicinal plants on the mounds of trench/ditch fencing (230 M)	Meter	230	0.74	170.15	0.00	170.15
4	sowing of grass seeds including raking in the interspace	Prorata			645.40	0.00	645.40
5	Transportation of 200 plants from nursery to planting site	Plant	200	1.62	274.45	50.12	324.57
6	Planting of 200 seedlings including Refilling of pits	Plant	200	5.13	1002.78	23.92	1026.70
7	Purchase and application of insecticide and fertilizer in 200 plants	Prorata			874.61	199.35	1073.95
8	Making of crescent shaped mounds below planted sapling after planting and dibbing of 3 seeds of thorny tree species (200 saplings).	Plant	200	4.52	904.77	0.00	904.77
9	Weeding and Hoeings of 200 plants two time repairing plants mound	Plant	400	4.52	1809.53	0.00	1809.53
10	Weeding on Contour Trench/ V ditch and espacement /singling	Prorata			586.59	0.00	586.59
11	Restoration of natural regeneration by cultural operations and making crescent shaped mounds on the lower side of seedlings	Prorata			1425.01	0.00	1425.01
12	Raising of 10% Plants (20 plants) in Nursery for casualty replacement in year 2	Plant	20	9.82	138.17	58.28	196.45
13	Watch and ward charges for 12 months	Prorata			1780.88	0.00	1780.88
14	Labour hut etc	Prorata			413.18	43.29	456.46
15	Construction of approach roads/inspection path	Prorata			374.01	0.00	374.01
16	Construction of gate and fixing of sign boards	Prorata			585.41	74.04	659.45
17	Misc. and unforeseen expences including (additional watering, fencing and frost protection measures and running of vehicles etc.)	Prorata			275.95	230.10	506.06
TOTAL YEAR 1					14906	1001	15906


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YEAR 2 : MAINTENANCE-I							
S. No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Maintenance of 20 plants in nursery	Plant	20	2.37	37.71	9.77	47.47
2	Repair of Fencing	Prorata			285.00	0.00	285.00
3	Casualty replacement of 20 plants (10%) including redigging of pits, transportation planting, watering and application of insecticide	Plant	20	14.76	285.00	10.25	295.25
4	Weeding and Hoeing in 200 plants two times and repairing of plant mounds	Plant	400	4.52	1809.53	0.00	1809.53
5	Watch and ward charges for 12 months	Prorata			1780.88	0.00	1780.88
6	Misc. and Unforeseen expenses including (Repair of Structures, Subsidiary silvicultural operations, Frost Protection, etc.)	Prorata			247.30	131.00	378.30
TOTAL YEAR 2					4445	151	4596


YEAR 3 : MAINTENANCE-II							
S. 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	Expenditure on Maintenance including (Repair of fencing/Structures, Subsidiary silvicultural operations, Frost Protection, etc.)	Prorata			520.24	131.00	651.24
TOTAL YEAR 3					2301	131	2432

YEAR 4 : MAINTENANCE-III							
S. 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	Expenditure on Maintenance including (Repair of fencing/Structures, Subsidiary silvicultural operations, Frost Protection, etc.)	Prorata			520.24	136.69	656.93
TOTAL YEAR4					2301	137	2438
Grand Total					77828	2949	80777

Yearwise Cost Statement RDF II

No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	YEAR 0 ADVANCE ACTION				53875	1530	55405
2	YEAR 1 - PLANTING YEAR				14906	1001	15906
3	YEAR 2 - MAINTENANCE I				4445	151	4596
4	YEAR 3 - MAINTENANCE II				2301	131	2432
5	YEAR - 4 MAINTENANCE III				2301	137	2438
Grand Total					77828	2949	80777

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। डीप सीसीटी, सीसीटी एवं स्टेगर्ड कन्टूर ट्रेन्च बनाते समय क्षेत्र में विद्यमान पेड़ों को क्षति नहीं पहुंचाई जाये।


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Model Cost Norms Grassland Development (Desert Area)							
	Labour rate Rs. 285/- per day		Perimetre- 60 m/ha				
	Unit- 50 Ha		No. of Plants- 100				
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	481.40	431.28	50.12	481.40
2	A. Fencing of plantation area with 2.1 mt. high Prestressed cement concrete Post and 5 strand barbed wire (details given at annexure "A" for PCC POST, annexure "B" for Fencing detail) 40 M	Meter	30	214.35	1320.47	5110.08	6430.55
	B. Wire mesh fancing fitted with 2.1 mt high prestressed cement concrete post.	Meter	30	309.02	9270.68	0.00	9270.68
3	In Situ Soil & Moisture Conservatin measures like check dam, Nadis, Earthen Bunds etc	LS	-	-	880.31	638.76	1519.07
4	Digging up 100 rmt V-dicth with cross section size: 1.20x((0.30+0.0)/2) Sqmt. in area with Gentle slope	Meter	100	36.31	3631.29	0.00	3631.29
5	Removal of invasive species(Lantana camera, Prosopis juliflora etc.) (as per requirement)	Prorata	-	-	5508.34	1064.60	6572.94
6	Digging of 100 pits size: 0.45x((.4+.5)/2) cum	Plant	120	22.30	2676.59	0.00	2676.59
7	raising of 120 plants for plants for planting including 20 % extra	Plant	120	9.93	1191.06	0.00	1191.06
8	Raising of Grass slips and other indigenous plants in 10cmX15 cm bags (includes 20% extra)				0.00	0.00	0.00
	Grass 960 slips	Plant	960	2.52	2419.10	0.00	2419.10
9	Purchase of tools, plants & insecticides	Prorata	1	157.20	0.00	157.20	157.20
10	Purchase of fertilizers, DAP & Urea Vermi composat, NPK	Prorata	1	375.91	0.00	375.91	375.91
11	Sign board including painting and fixing gate	Prorata	1	117.33	0.00	117.33	117.33
12	Watch and Ward for 4 months	Prorata	1	653.55	653.55	0.00	653.55
13	cost of Collection & Purchase of seeds of grass/ Ber/ khejari and other indigenous species (6 Kg/Ha)	Prorata	6	113.91	0.00	683.47	683.47
14	Construction of Cattle guard hut	Prorata	1	771.63	570.00	201.62	771.63
15	R & M of Vehicle	Prorata	1	195.93	0.00	195.93	195.93
16	Labour amenities	Prorata	1	160.63	0.00	160.63	160.63
17	Misc. and unforeseen expenditure	Prorata	1	604.98	307.49	297.49	604.98
TOTAL 0 Year					28860	9053	37913


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YEAR 1 - PLANTING YEAR							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Maintenance of 120 plants in nursery	Plant	120	2.51	331.44	0.00	331.44
2	Transport of 100 plants upto site including loading and unloading (up to 5 km)	Plant	100	1.96	215.68	0.00	215.68
3	planting of 100 seedlings including Reffling of pits including watering	Plant	100	12.10	1210.00	0.00	1210.00
4	Construction of Water Point / Water Storage Tank	Prorata			220.08	425.84	645.92
5	Transport of 800 grass slips upto site including loading and unloading (upto 5 kms.)	Prorata	800	1.11	977.15	0.00	977.15
6	In Continuosion and Subsequent Removal of invasive species (Lantana camera, Prosopis juliflora etc.) (as per requirement) in	Prorata	-	-	5501.95	1596.90	7098.85
7	Digging of Trench size 0.15x0.15cm Near Fencing	Prorata	60	1.95	128.75	0.00	128.75
8	Sowing of seeds Near Fencing Trenches	Meter	400	1.00	440.16	0.00	440.16
9	Digging of Furrows (by tractor) 200 rmt	RMT	200	1.00	0.00	212.92	212.92
10	Digging of Furrows (15x15cm) manual 200 RMT	RMT	200	1.95	429.15	0.00	429.15
11	Sowing of grass seeds	Prorata	1	234.33	257.85	0.00	257.85
12	Planting-				0.00	0.00	0.00
	Planting of 800 grass slips/ locally available and including local transport and watering	Plant	800	3.04	2676.15	0.00	2676.15
13	Weeding and Hoeing 2X100=200	Plant	200	4.75	950.00	0.00	950.00
14	Watering of 100 plants in 2 time.	Plant	200	8.8	1760.00	0.00	1760.00
15	Running & Maintenance of Vehicles	Prorata	1	117.33	0.00	117.33	117.33
16	Labour amenities	Prorata	1	154.92	0.00	154.92	154.92
17	Watch & Ward for 12 months	Prorata	1	1780.88	1780.88	0.00	1780.88
18	Misc. and unforeseen expenditure	Prorata	1	378.94	272.48	106.46	378.94
	Total Year 1				17152	2614	19766


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YEAR-2 Maintenance-I							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Maintenance of 20 plants in nursery	Plant	20	2.76	55.24	0.00	55.24
2	Transpotation of 20 Plants	Plant	20	1.76	35.21	0.00	35.21
3	including digging of pits , Treating with pesticides , fertilisers, and watering	Plant	20	12.10	242.09	0.00	242.09
4	Application of urea and fertilisers -2 times , 100 plants	Plant	200	0.65	129.85	0.00	129.85
5	Weeding and Hoeing 2X100=200	plant	200	4.75	950.00	0.00	950.00
6	R&M of vehicles	Prorata			0.00	470.53	470.53
7	In Continuosion and Subsequent Removal of invasive species (Lantana camera, Prosopis juliflora etc.) (as per requirement)	Prorata	-	-	4951.76	532.30	5484.06
8	Purchase of Grass and other seeds	Prorata	-	-	0.00	212.92	212.92
9	Sowing of Grass and other speices seeds	Prorata	-	-	0.00	425.84	425.84
10	Expenditure on Maintenance including (Repair of fencing/Structures,Removal of weeds, Subsidiary silvicultural operations, Frost Protection, etc.)	Prorata			519.60	0.00	519.60
11	Watch and Ward charges	Prorata			1780.88	0.00	1780.88
12	Miscellaneous expenditure (Labour, Instruments, Machine etc)	Prorata			121.62	117.66	239.27
Total 2 year					8786	1759	10545

Year-3 Maintenace-II							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Prunning and Tending of 100 plants	Plant	100	2.14	235.48	0.00	235.48
2	Watch and Ward charges	Prorata			1780.88	0.00	1780.88
3	Miscellaneous expenditure (Labour, Removal of weeds, Instruments, Machine,repair of watercourse etc)	Prorata			175.25	61.51	236.76
Total 3 Year					2192	62	2253

Year-4 - Maintenance-III							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Watch and Ward charges	Prorata			1780.88	0.00	1780.88
2	Miscellaneous expenditure/repair of watercourse	Prorata			159.84	101.38	261.22
Total 4 Year					1941	101	2042

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				28860	9053	37913
2	YEAR 1 - PLANTING YEAR				17152	2614	19766
3	YEAR 2 - MAINTENANCE I				8786	1759	10545
4	YEAR 3 - MAINTENANCE II				2192	62	2253
5	YEAR - 4 MAINTENANCE III				1941	101	2042
Grand Total					58930	13590	72520

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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 हैं।

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Model Cost Norms for Grassland Development (Non- Desert Area)

Labour rate Rs. 285/- per day

Unit- 50 Ha

Perimeter - 60m/ha

No. of Plants - 100

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 average 30m/ha.)	Meter	30	285.00	8550.03	0.00	8550.03
	B.Wire mase Fancing Fitted with 2.1mt.high prestressed cement concreat post.	Meter	15	309.02	4635.34	0.00	4635.34
	C. Fencing of plantation area with 2.1 mt. high Prestressed cement concrete Post and 5 strand barbed wire (details given at annexure "A" for PCC POST, annexure "B" for Fencing detail) 15 M	Meter	15	214.35	660.23	2555.04	3215.27
3	In Situ Soil & Moisture Conservatin measures like check dam, Nadis, Earthen Bunds etc	Prorata	—	0.00	1100.39	1064.60	2164.99
4	Digging up 50 rmt V-dicth with cross section size: 1.2x((0.30+0.0)/2) Sqmt. in area with Gentle slope	Meter	50	36.31	1815.64	0.00	1815.64
5	Removal of invasive species(Lantana camera, Prosopis juliflora etc.) (as per requirement)	Prorata	—	—	5509.34	3193.80	8703.14
6	Restoration of natural regeneration by cultural operations and making crescent shaped mounds on the lower side of seedlings	Prorata			1425.01	0.00	1425.01
7	Cost of raising 110 seedlings	Plants	110	9.93	1091.81	0.00	1091.81
8	Digging of 100 pits Size 0.45x(4+5)/2cum	Plants	110	20.28	2230.49	0.00	2230.49
9	Cost of collection and purchases of grass and other seeds	Prorata			0.00	455.65	455.65
10	Purchase of tools, plants & insecticides	Prorata	1	157.20	0.00	157.20	157.20
11	purchase of fertilizers/bio-fertilizers, DAP & Urea	LS	—	—	388.55	0.00	388.55
12	Cattle Guard Hut	LS	—	—	325.04	0.00	325.04
13	Labour amenities	Prorata			110.04	0.00	110.04
14	Watch & Ward for 4 months	Prorata	1	594.13	594.13	0.00	594.13
15	Misc. and unforeseen expenses including running of vehicles	Prorata			1856.95	0.00	1856.95
Total Year 0					30815	7480	38295


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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 Continuouson and Subsequent Removal of invasive species (Lantana camera, Prosopis juliflora etc.) (as per requirement)	Prorata	—	—	5501.95	1596.90	7098.85
2	Digging of 30x30cm cross section trnch along inner side of stone wall fencing and seed sowing (30M/ha)	Prorata	30	23.78	713.38	0.00	713.38
3	Maintenance of 110 plants in nursery	plants	110	2.76	303.82	0.00	303.82
4	Traspotation of 100 plants from Nursery to planting site	Plants	100	1.63	162.86	0.00	162.86
5	planting of 100 seedlings including Refilling of pits including watering	Plants	100	12.10	1210.00	0.00	1210.00
6	Purchase and Application of insecticide & Ferilizers	Plants	100	5.37	437.29	99.67	536.96
7	Making of crescent shaped mounds	Plants	100	1.15	114.56	0.00	114.56
8	Weeding & Hoeing 2X100=200	Plants	200	4.75	950.00	0.00	950.00
9	Watering of 100 plants 2 times	Plant	200	8.80	1760.00	0.00	1760.00
10	Digging of Furrows (by tractor) 200 rmt	RMT	200	1.06	0.00	212.92	212.92
11	Digging of Furrows (15x15cm) manual 200 RMT	RMT	200	2.15	429.15	0.00	429.15
12	Sowing of grass seeds	Prorata	—	—	515.71	0.00	515.71
13	Raising of 10 plants for casualty replacement	Plants	10	9.93	99.26	0.00	99.26
14	Restoration of natural regeneration by cultural operations and making crescent shaped mounds on the lower side of seedlings	Prorata	—	—	1115.80	0.00	1115.80
15	Purchase of Grass and other seeds	Prorata	—	—	0.00	532.30	532.30
16	Watch and ward charges for 12 months	Prorata	—	—	1780.88	0.00	1780.88
17	Construction of approach roads/inspection path	Prorata	—	—	484.05	0.00	484.05
18	Labour amenities	Prorata	—	—	110.04	0.00	110.04
19	Construction of gate and fixing of sign boards	Prorata	—	—	484.05	74.04	558.09
20	Misc. and unforeseen expenses including running of vehicles	Prorata	—	—	275.96	230.10	506.06
Total Year 1					16449	2746	19195


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Year-2 Maintenance-I							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Maintenance of 110 plants in nursery	Plants	10	2.76	27.62	0.00	27.62
2	Transplantation of 10 plants	Plants	10	1.76	17.61	0.00	17.61
3	Re planting of 10 plants including Digging of pits , treating with pesticides, fertilisers and watering	plants	10	12.10	121.04	0.00	121.04
4	Purchase of Grass and other seeds	Prorata	—	—	0.00	212.92	212.92
5	Sowing of Grass and other speices seeds	Prorata	—	—	0.00	425.84	425.84
6	Application of urea and fertilisers -2 times 100 plants	Plants	200	0.65	129.85	0.00	129.85
7	Weeding and Hoeing 100 plants in 2 time.	Plant	200	4.75	950.00	0.00	950.00
8	R&M of vehicles	Prorata			0.00	390.72	390.72
9	Restoration of natural regeneration by cultural operations and making crescent shaped mounds on the lower side of seedlings	Prorata			764.77	0.00	764.77
10	In Continuouision and Subsequent Removal of invasive species (Lantana camera, Prosopis juliflora etc.) (as per requirement)	Prorata	—	—	3851.37	532.30	4383.67
11	Expenditure on Maintenance including (Repair of fencing/Structures,Removal of weeds, Subsidiary silvicultural operations, Frost Protection, etc.)	Prorata			519.61	136.58	656.19
12	Watch and Ward charges	Prorata			1780.88	0.00	1780.88
13	Miscellaneous expenditure (Labour, Instruments, Machine etc)	Prorata			28.65	10.25	38.90
Total 2 Year					8025	1709	9734
Year-3 Maintenance-II							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Prunning and tending of 100 plants	Plants	100	2.35	235.48	0.00	235.48
2	Watch and Ward charges	Prorata	0		1780.88	0.00	1780.88
3	Miscellaneous expenditure (Labour, Instruments, Machine,repair of watercourse etc). Continuouision and Subsequent Removal of invasive species (Lantana camera, Prosopis juliflora etc.) (as per requirement)	Prorata	0		354.61	61.51	416.12
Total 3 Year					2371	62	2432
Year-4 - Maintenance-III							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Watch and Ward charges	Prorata			1780.88	0.00	1780.88
2	Miscellaneous expenditure/repair of watercourse	Prorata			168.89	101.38	270.27
Total 4 Year					1950	101	2051
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				30815	7480	38295
2	YEAR 1 - PLANTING YEAR				16449	2746	19195
3	YEAR 2 - MAINTENANCE I				8025	1709	9734
4	YEAR 3 - MAINTENANCE II				2371	62	2432
5	YEAR -4 MAINTENANCE III				1950	101	2051
Grand Total					59609	12097	71707
<p>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 जायें।</p> <p>मद में Ditch fencing, Stonewall fencing and barbed wire fencing दोनों का प्राक्कान रखा गया है। संबंधित मुख्य वन संरक्षक कार्यस्थल की परिस्थिति एवं नियमानुसार स्वीकृति देकर आवश्यकतानुसार परिवर्तन कर सकते है।</p>							


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Model Cost Norms for Silvi-Pastoral Non-IGNP Area(Wildlife/Hill Area)

Labour rate Rs./- per day

285.00

Spacing:5mx5m

Unit- Ha

50.00

Perimeter - Average 3000 RM (625 MX400M)

No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
YEAR- 0 Advance Action							
1	Collection of data for Microplanning, preparation of microplan and management plan	Prorata	1	221.99	176.42	45.56	221.99
2	Survey of area, alignment of pits for pole fixing division of area into segments, preparation of treatment map and plantation card.	Prorata	1	481.40	431.27	50.12	481.40
3	Fencing of plantation area with 1.5 mt. high angle iron/ RCC Post and 5 strand barbed wire/ local thorny material or 1.50 m angle iron post and two lines of wire and 1.2 M broad welded wiremesh (details given at annexure "A" for Angle iron, annexure "B" for RCC Post, C for wire mesh) 60 M	Meter	60	179.62	5389.36	5388.05	10777.41
1	In Continuosion and Subsequent Removal of invasive species (Lantana camera, Prosopis juliflora etc.) (as per requirement)	Prorata	-	-	9683.40	1064.60	10748.00
4	Raising of dhaman, styleo, karad, sevan etc.. (A) 20% extra)	Plant	960	2.49	1592.68	799.22	2391.89
(B)	other indigineous plants like ber khejari, raunj, etc. 240 plants	Plant	240	2.49	398.17	199.80	597.98
5	construction of Water storage Tank/water harvesting structures	Prorata	1	1021.09	570.00	451.09	1021.09
6	Purchase of tools, plants & insecticides	Prorata	1	157.20	0.00	157.20	157.20
7	Sign board including painting and fixing	Prorata	1	117.33	0.00	117.33	117.33
8	Purchase of seeds of ddhaman, styleo, karad, sevan etc and other indigenous species (6 Kg/Ha)	Prorata	1	683.47	0.00	683.47	683.47
9	Construction of Cattle guard hut	Prorata	1	771.62	570.00	201.62	771.62
10	R & M of Vehicle	Prorata	1	195.93	0.00	195.93	195.93
11	Labour amenities	Prorata	1	72.90	0.00	72.90	72.90
12	Watch & Ward for 04 months	Prorata	1	594.13	594.13	0.00	594.13
13	Misc. and unforeseen expenditure	Prorata	1	126.18	36.19	89.99	126.18
TOTAL YEAR 0					19442	9517	28959
YEAR 1 - PLANTING YEAR							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	In Continuosion and Subsequent Removal of invasive species (Lantana camera, Prosopis juliflora etc.) (as per requirement)	Prorata	-	-	7702.70	2129.20	9831.90
2	dhaman, styleo, karad, sevan etc.. (includes (A) 20% extra)	Plant	960	1.49	1064.30	369.15	1433.45
(B)	other indigineous plants like ber khejari, raunj, etc. 240 plants	Plant	240	1.49	266.07	92.29	358.36
3	600 m trenches Digging of size 20 cm deepx 30cm bottom and 50cms at top for irrigation	Meter	600	2.35	1411.43	0.00	1411.43
4	Transport of 1000 dhaman, styleo, karad, sevan etc. upto site including loading and unloading (upto 5 kms.)	Plant	1000	0.77	774.67	0.00	774.67
5	Sowing of dhaman, styleo, karad, sevan etc.	Prorata	1	257.85	257.85	0.00	257.85
6	Planting-				0.00	0.00	
(a)	Planting of 1000 dhaman, styleo, karad, sevan etc. and including local transport and watering	Plant	1000	3.30	2517.68	779.16	3296.84
7	Running & Maintenance of Vehicles	Prorata	1	117.33	0.00	117.33	117.33
8	Labour amenities	Prorata	1	157.20	0.00	157.20	157.20
9	Watch & Ward for 12 months	Prorata	1	1779.37	1779.37	0.00	1779.37
10	Misc. and unforeseen expenditure	Prorata	1	102.86	57.30	45.56	102.86
TOTAL Planting Year 1					15831	3690	19521

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Year-2 Maintenance-I							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	In Continuous and Subsequent Removal of invasive species (Lantana camera, Prosopis juliflora etc.) (as per requirement)	Prorata	-	-	6602.32	2129.20	8731.52
2	Running & Maintenance of Vehicles	Prorata	1	117.33	0.00	117.33	117.33
3	Labour amenities	Prorata	1	195.93	0.00	195.93	195.93
4	Watch & Ward for 12 months	Prorata	1	1779.37	1779.37	0.00	1779.37
5	Misc. and unforeseen expenditure	Prorata	1	194.28	123.65	70.63	194.28
Total YEAR 2					8505	2513	11018
Year-3 Maintenance-II							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Watch & Ward for 12 months	Prorata	1	1779.37	1779.37	0.00	1779.37
2	Miscellaneous and unforeseen expenditure	Prorata	1	70.94	61.83	9.11	70.94
Total YEAR 3					1841	9	1850
Year-4 - Maintenance-III							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Watch & Ward for 12 months	Prorata	1	1779.37	1779.37	0.00	1779.37
2	Miscellaneous and unforeseen expenditure	Prorata	1	70.94	61.83	9.11	70.94
Total YEAR 4					1841	9	1850
Year-5 - Maintenance-IV							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Watch & Ward for 12 months	Prorata	1	1779.37	1779.37	0.00	1779.37
2	Fencing repairing etc	Prorata	1	63.87	42.22	21.64	63.87
Total YEAR 5					1822	22	1843
Year-6 - Maintenance-V							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Watch & Ward for 12 months	Prorata	1	1779.37	1779.37	0.00	1779.37
2	Fencing repairing etc	Prorata	1	63.87	42.22	21.64	63.87
Total YEAR 6					1822	22	1843
Year-7 - Maintenance-VI							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	Watch & Ward for 12 months	Prorata	1	594.13	594.13	0.00	594.13
2	Fencing repairing etc	Prorata	1	65.77	40.71	25.06	65.77
Total YEAR 7					635	25	660
Yearwise Cost Statement Silvi-Pastoral Non-IGNP Area(Wildlife/Hill Area)							
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material Cost	Total Cost
1	YEAR 0 ADVANCE ACTION				19442	9517	28959
2	YEAR 1 - PLANTING YEAR				15831	3690	19521
3	YEAR 2 - MAINTENANCE I				8505	2513	11018
4	YEAR 3 - MAINTENANCE II				1841	9	1850
5	YEAR - 4 MAINTENANCE III				1841	9	1850
6	YEAR - 5 MAINTENANCE IV				1822	22	1843
7	YEAR - 6 MAINTENANCE V				1822	22	1843
8	YEAR - 7 MAINTENANCE VI				635	25	660
Grand Total					51739	15806	67545

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।

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