

MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION ON ALLOTTED/IDENTIFIED NON FOREST LAND (NFL)

Block A

UNIT: 211.455 Ha
PERIMETER: 15175 (outer) + 6380 (inner) = 21555 M
LABOUR RATE: Rs 250/day
COST ESTIMATE: Rs 65264430

Project: Shahpur Pumped Storage Project (1800 MW)
Proposal No.: FP/RJ/HYD/2121439/2021
Diversion Area: 413.9002 Ha

ADVANCE ACTION (0 YEAR)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of Basic Data for Microplanning and carrying out joint forest management activities		654/ Ha.	127719	10573	138292
2	Survey of area, Lay out of contour trenches, burrow pits and making of segments / plots		525/ Ha.	100441	10573	111014
3	OUTER FENCING					
A	150 cm high Fencing of precast R.C. Posts of 15cm x 15cm tapered to 10x10cm at top placed at every 3 m. apart. 30 cm in ground embedded in cement concrete 1:3:6 (30x30x45cm) corner and every tenth posts to be strutted with same R.C. Posts provided with six horizontal lines and 2 diagonals of black barbed wire between the two posts fitted and fixed with GI staples including earth work in excavation etc. Complete. (PWD BSR 2022 Item No. 9.30)	15175 RMT	503/rmt.	0	7633025	7633025
B	Purchasing and fixing of Chain link mesh.	15175 RMT	190/rmt	303500	2579750	2883250
4	INNER FENCING					
	Fencing of plantation area with 1.5M high R.C. Post and two lines of wire and 1.2M broad welded wire mesh.	6380	165.99/rmt	520863	538153	1059016
5	Cost of raising 960 seedlings/Ha. in nursery.	202996	7.14	943931	505460	1449391
6	Purchase of BHP Engine	8	75000	0	600000	600000
7	Purchase of PVC/HDPE Pipes of 3 inch dia and 1 inch dia	Lumsum			509395	509395
8	Purchase of tools and plants	Lumsum			81410	81410
9	Purchase of Fertilisers and insecticides	Lumsum			149287	149287
10	Purchase of Plantation Board including painting and fixing.			27819	59732	87551
11	Watch and ward. for 4 months			455474		455474
12	R and M of Vehicles	Lumsum			48635	48635
13	Labour amenities			91279	42763	134041
14	Misc. and unforeseen expenses (Labour, Instruments, machines etc.)	Lumsum		14199	25341	39540
	TOTAL YEAR 0			2585225	12794096	15379321
15	Administrative charges 10%					1537932
	TOTAL					16917253

Planting Year (Year 1)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assessment and strengthening Joint Forest Management.			0	15385	15385
2	Maintenance of 960 Plants/Ha. seeding in nursery	202996	2.51/Plant	401526	107994	509520
3	Raising of 160 seedlings in nursery for casualty replacement in year-2 (20% of 800)	33833	7.14/Plant	157323	84244	241568
4	Transportation of 880plants/Ha. from nursery to planting site	186080	1.99/plant	329362	40938	370299
5	Planting of 800 seedlings/Ha. in command area including digging of pits, local transportation, treatment of pit with pesticides and fertilisers, making of thanwala and initial watering.	169164	15.64/Plant	2427503	218222	2645725
6	Spot watering & application of insecticides in 800 plants. (6th times)	169164	22.67/plant	2529002	1305946	3834948
7	Weeding and hoeing of 800 plants/Ha. (2 times)	169164	9.20/plant	1556309	0	1556309
8	hoeing of 800 plants/Ha. (2 times)	169164	5.66/plant	957468	0	957468
9	Application of Urea and Fertiliser.	169164	0.59/Plant	62591	37216	99807
10	Purchase of PVC Pipes.		3.93/seedling	136796	67797	204593

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11	Maintenance of engines	Lumsum		116512	116512
12	Watch and ward for 12 months	Lumsum	646464		646464
13	Construction of cattle guard hut.	Lumsum	60000	190000	250000
14	Labour amenities.		156187	7693	163880
15	Repairs and maintenance of vehicles.	Lumsum		116522	116522
16	Micellaneous and unforeseen expenditure.		9562	13349	22911
	TOTAL YEAR 1		9430094	2321817	11751911
17	Administrative charges 10%				1175191
	TOTAL				12927102

First Year Maintenance (Year 2)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	15385	15385
2	Maintenance of 160 seedling/ha. in nursery for casualty replacement in 2nd year	33833	2.51/Plant	66922	17999	84921
3	Casualty replacement 160 plants including redigging of pits, transportation planting with treatment of pesticides and fertiliser, watering	33833	11.07/Plant	374531	29978	404509
4	Spot watering & application of insecticides in 800 plants. (6th times)	169164	22.67/plant	2529002	1305946	3834948
5	Application of Urea and Fertiliser. (2 times)	169164	0.59/Plant	125181	74432	199614
6	Weeding and hoeing of 800 plants/Ha. (2 times)	169164	9.20/plant	1556309	0	1556309
7	hoeing of 800 plants/Ha. (2 times)	169164	5.66/plant	957468	0	957468
8	Repair and maintenance of vehicle				77606	77606
9	Maintenance of engines	Lumsum			77606	77606
10	Watch and ward for 12 months	Lumsum		646464		646464
11	Misc. and unforeseen expenditure	Lumsum		5506	2036	7543
	TOTAL YEAR 2			6261384	1600990	7862373
12	Administrative charges 10%					786237
	TOTAL					8648611

Second Year Maintenance (Year 3)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	15385	15385
2	Spot watering & application of insecticides in 800 plants. (5 times)	169164	18.89/plant	2107783	1087725	3195508
3	Application of Urea and Fertiliser. (2 times)	169164	0.59/Plant	125181	74432	199614
4	hoeing of 800 plants/Ha. (2 times)	169164	5.66/plant	957468	0	957468
5	Repair and maintenance of vehicle				59732	59732
6	Purchase of PVC Pipes.	Lumsum			238927	238927
7	Maintenance of engines	Lumsum			89598	89598
8	Purnning and tending of 800 plants per ha.	169164	2.32/plant	392460		392460
9	Watch and ward for 12 months	Lumsum		646464		646464
10	Misc. and unforeseen expenditure	Lumsum		22892	12218	35110
	TOTAL YEAR 3			4252250	1578017	5830267
11	Administrative charges 10%					583027
	TOTAL					6413294

Third Year Maintenance (Year 4)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management			0	15385	15385
2	Spot watering & application of insecticides in 800 plants. (4 times)	169164	15.11/plant	1686565	869503	2556068
3	hoeing of 800 plants/Ha. (2 times)	169164	5.66/plant	957468	0	957468
4	Repair and maintenance of vehicle				33034	33034
5	Maintenance of engines	Lumsum			74665	74665
6	Purnning and tending of 800 plants per ha. (2 times)	169164	4.64/plant	784921		784921
7	Watch and ward for 12 months	Lumsum		646464		646464
8	Misc. and unforeseen expenditure	Lumsum		32454	20137	52591
	TOTAL YEAR 4			4107873	1012724	5120596
9	Administrative charges 10%					512060
	TOTAL					5632656

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Fourth Year Maintenance (Year 5)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management			0	15385	15385
2	Spot watering & application of insecticides in 800 plants (2 times)	169164	7.56/plant	842437	436443	1278880
3	Repair and maintenance of vehicle				32807	32807
4	Maintenance of engines	Lumsum			53849	53849
5	Purnning and tending of 500 plants per ha.	105727	7.09/plant	749604		749604
6	Watch and ward for 12 months	Lumsum		646464		646464
7	Misc. and unforeseen expenditure	Lumsum		8983	4525	13508
	TOTAL YEAR 5			2247488	543010	2790498
8	Administrative charges 10%					279050
	TOTAL					3069548

Fifth Year Maintenance (Year 6)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	15385	15385
2	Spot watering & application of insecticides in 800 plants. (2 times)	169164	7.56/plant	842437	436443	1278880
3	Purnning and tending of 450 plants per ha	95155	7.09/plant	674649		674649
4	Watch and ward for 12 months	Lumsum		646464		646464
5	Misc. and unforeseen expenditure	Lumsum		11300	8372	19672
	TOTAL YEAR 6			2174850	460200	2635050
6	Administrative charges 10%					263505
	TOTAL					2898555

Subsequent Maintenance (Year 7 to 12)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	15385	15385
2	Purnning and tending of 400 plants per ha.	84582	7.09/plant	599686		599686
3	Watch and ward for 12 months	Lumsum		646464		646464
4	Repair and maintenance of vehicle	Lumsum			45674	45674
5	Misc. and unforeseen expenditure	Lumsum		11300	8372	19672
	TOTAL YEAR 7			1257451	69431	1326882
6	Administrative charges 10%					132688
	TOTAL					1459570

Grand Total						
0 Year			16917253			
1 Year			12927102			
2 Year			8648611			
3 Year			6413294			
4 Year			5632656			
5 Year			3069548			
6 Year			2898555			
7 Year			1459570			
8 Year			1459570			
9 Year			1459570			
10 Year			1459570			
11 Year			1459570			
12 Year			1459570			
Total			65264439			

Range Forest Officer
Unit-I (T.D. 658)
IGNP St-II Jaisalmer
इ.स.न.प.स्टेज-II
जैसलमेर

Assistant Conservator of Forest
IGNP St-II Ramgarh
रामगढ़

Deputy Conservator of Forest
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उप वन संरक्षक
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MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION

ON ALLOTTED/IDENTIFIED NON FOREST LAND (NFL)

Block B

UNIT: 59.721 Ha
PERIMETER: 6665 (outer) + 504 (inner) = 7169 M
LABOUR RATE: Rs 258/day
COST ESTIMATE: RS. 22016905

Project: Shahpur Pumped Storage Project (1800 MW)
Proposal No: FP/RJ/HYD/2121439/2021
Diversion Area: 413.9002 Ha

ADVANCE ACTION (0 YEAR)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of Basic Datas for Microplanning and carrying out joint forest management activities.		654/ Ha.	36071	2986	39058
2	Survey of area. Lay out of contour trenches, burrow pits and making of segments / plots		525/Ha.	28367	2986	31354
3	OUTER FENCING					
A	150 cm high Fencing of precast R.C. Posts of 15cm x 15cm tapered to 10x10cm at top placed at every 3 m apart 30 cm in ground embedded in cement concrete 1:3:6 (30x30x45cm) corner and every tenth posts to be struted with same R.C. Posts provided with six horizontal lines and 2 diagonals of black barbed wire between the two posts fitted and fixed with GI staples including earth work in excavation etc. Complete. (PWD BSR 2022 Item No. 9.30)	6665 RMT	503/rmt.	0	3352495	3352495
B	Purchasing and fixing of Chain link mesh.	6665 RMT	190/rmt	133300	1133050	1266350
4	INNER FENCING					
	Fencing of plantation area with 1.5M high R.C. Post and two lines of wire and 1.2M broad welded wire mesh.	504	165.99/rmt	41147	42512	83659
5	Cost of raising 960 seedlings/Ha. in nursery.	57332	7.14	266594	142757	409350
6	Purchase of 8HP Engine	2	75000	0	150000	150000
7	Purchase of PVC/HDPE Pipes of 3 inch dia and 1 inch dia	Lumsum			143868	143868
8	Purchase of tools and plants	Lumsum			22993	22993
9	Purchase of Fertilisers and insecticides	Lumsum			42163	42163
10	Purchase of Plantation Board including painting and fixing.			7857	16870	24727
11	Watch and ward for 4 months			107744		107744
12	R and M of Vehicles	Lumsum			13736	13736
13	Labour amenities			25780	12077	37857
14	Misc. and unforeseen expenses (Labour, instruments, machines etc.)	Lumsum		4010	7157	11167
	TOTAL YEAR 0			650870	5085650	5736520
15	Administrative charges 10%					573652
	TOTAL					6310172

Planting Year (Year 1)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	4345	4345
2	Maintenance of 960 Plants/Ha. seedling in nursery	57332	2.51/Plant	113403	30501	143903
3	Raising of 160 seedlings in nursery for casualty replacement in year-2 (20% of 800)	9555	7.14/Plant	44431	23792	68223
4	Transportation of 880plants/Ha. from nursery to planting site	52555	1.99/plant	93022	11562	104584
5	Planting of 800 seedlings/Ha. In command area including digging of pits, local transportation, treatment of pit with pesticides and fertilisers, making of thanwala and initial watering.	47777	15.64/Plant	685600	61632	747232
6	Spot watering & application of insecticides in 800 plants. (6th times)	47777	22.67/plant	714266	368838	1083105
7	Weeding and hoeing of 800 plants/Ha. (2 times)	47777	9.20/plant	439548	0	439548
8	hoeing of 800 plants/Ha. (2 times)	47777	5.66/plant	270418	0	270418
9	Application of Urea and Fertiliser.	47777	0.59/Plant	17677	10511	28188

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10	Purchase of PVC Pipes	Lumsum	136796	67797	204593
11	Maintenance of engines	Lumsum		32906	32906
12	Watch and ward for 12 months	Lumsum	323232		323232
13	Construction of cattle guard hut	Lumsum	20000	60000	80000
14	Labour amenities.	Lumsum	44112	2173	46284
15	Repairs and maintenance of vehicles.	Lumsum		32909	32909
16	Micellaneous and unforeseen expenditure.	Lumsum	2701	3770	6471
TOTAL YEAR 1			2905206	710737	3615943
17	Administrative charges 10%				361594
TOTAL					3977537

First Year Maintenance (Year 2)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	4345	4345
2	Maintenance of 160 seedling/ha in nursery for casualty replacement in 2nd year	9555	2.51/Plant	18900	5083	23983
3	Casualty replacement 160 plants including redigging of pits, transportation planting with treatment of pesticides and fertiliser, watering	9555	11.07/Plant	105774	29978	135752
4	Spot watering & application of insecticides in 800 plants. (6th times)	47777	22.67/plant	714266	368838	1083105
5	Application of Urea and Fertiliser. (2 times)	47777	0.59/Plant	35355	21022	56377
6	Weeding and hoeing of 800 plants/Ha. (2 times)	47777	9.20/plant	439548	0	439548
7	hoeing of 800 plants/Ha. (2 times)	47777	5.66/plant	270418	0	270418
8	Repair and maintenance of vehicle	Lumsum			21918	21918
9	Maintenance of engines	Lumsum			21918	21918
10	Watch and ward for 12 months	Lumsum		323232		323232
11	Misc. and unforeseen expenditure	Lumsum		1555	575	2130
TOTAL YEAR 2				1909048	473679	2382727
12	Administrative charges 10%					238273
TOTAL						2620999

Second Year Maintenance (Year 3)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	4345	4345
2	Spot watering & application of insecticides in 800 plants. (5 times)	47777	18.89/plant	595301	307206	902508
3	Application of Urea and Fertiliser. (2 times)	47777	0.59/Plant	35355	21022	56377
4	hoeing of 800 plants/Ha. (2 times)	47777	5.66/plant	270418	0	270418
5	Repair and maintenance of vehicle	Lumsum			16870	16870
6	Purchase of PVC Pipes.	Lumsum			67480	67480
7	Maintenance of engines	Lumsum			25305	25305
8	Purnning and tending of 800 plants per ha.	47777	2.32/plant	110843		110843
9	Watch and ward for 12 months	Lumsum		323232		323232
10	Misc. and unforeseen expenditure	Lumsum		6465	3451	9916
TOTAL YEAR 3				1341614	445679	1787293
11	Administrative charges 10%					178729
TOTAL						1966022

Third Year Maintenance (Year 4)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	4345	4345
2	Spot watering & application of insecticides in 800 plants. (4 times)	47777	15.11/plant	476337	245574	721910
3	hoeing of 800 plants/Ha. (2 times)	47777	5.66/plant	270418	0	270418
4	Repair and maintenance of vehicle	Lumsum			9330	9330
5	Maintenance of engines	Lumsum			21087	21087
6	Purnning and tending of 800 plants per ha. (2 times)	47777	4.64/plant	221685		221685
7	Watch and ward for 12 months	Lumsum		323232		323232
8	Misc. and unforeseen expenditure	Lumsum		9166	5687	14853
TOTAL YEAR 4				1300838	286023	1586861
9	Administrative charges 10%					158686
TOTAL						1745547

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Fourth Year Maintenance (Year 5)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assesment and strengthening Joint Forest Management			0	4345	4345
2	Spot watering & application of insecticides in 800 plants (2 times)	47777	7.56/plant	237929	123265	361194
3	Repair and maintenance of vehicle	Lumsum			9266	9266
4	Maintenance of engines	Lumsum			15209	15209
5	Purning and tending of 500 plants per ha	29860	7.09/plant	211707		211707
6	Watch and ward for 12 months	Lumsum		323232		323232
7	Misc. and unforeseen expenditure	Lumsum		2537	1278	3815
	TOTAL YEAR 5			775406	153362	928768
8	Administrative charges 10%					92877
	TOTAL					1021645

Fifth Year Maintenance (Year 6)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assesment and strengthening Joint Forest Management			0	4345	4345
2	Spot watering & application of insecticides in 800 plants (2 times)	47777	7.56/plant	237929	123265	361194
3	Purning and tending of 450 plants per ha	26874	7.09/plant	190537		190537
4	Watch and ward for 12 months	Lumsum		323232		323232
5	Misc. and unforeseen expenditure	Lumsum		3191	2364	5556
	TOTAL YEAR 6			754890	129974	884864
6	Administrative charges 10%					88486
	TOTAL					973350

Subsequent Maintenance (Year 7 to 12)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assesment and strengthening Joint Forest Management			0	4345	4345
2	Purning and tending of 400 plants per ha	23888	7.09/plant	169366		169366
3	Watch and ward for 12 months	Lumsum		323232		323232
4	Repair and maintenance of vehicle	Lumsum			12900	12900
5	Misc. and unforeseen expenditure	Lumsum		3191	2364	5556
	TOTAL YEAR 7			495789	19609	515399
6	Administrative charges 10%					51540
	TOTAL					566939
	Grand Total					
	0 Year		6310172			
	1 Year		3977537			
	2 Year		2620999			
	3 Year		1966022			
	4 Year		1745547			
	5 Year		1021645			
	6 Year		973350			
	7 Year		566939			
	8 Year		566939			
	9 Year		566939			
	10 Year		566939			
	11 Year		566939			
	12 Year		566939			
	Total		22016905			

Range Forest Officer
Unit-II, IGNP St-II Jaisalmer
इ.भा.न.प.स्टेज-II
जैसलमेर
समस्त रामगढ़

Assistant Conservator of Forest
IGNP St-II Ramgarh
रामगढ़

Deputy Conservator of Forest
IGNP St-II Jaisalmer
उप वन संरक्षक
इ.भा.न.प.स्टेज-II
जैसलमेर

(दीपक कुमार गुप्ता)
उप वन संरक्षक
बारों

MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION

(ON ALLOTTED/IDENTIFIED NON FOREST LAND (NFL))

Block C

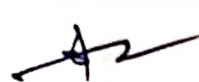
UNIT: 141.011 Ha
PERIMETER: 6574 (outer) x 6036 (inner) = 12610 M
LABOUR RATE: Rs 238/day
COST ESTIMATE: RS. 41737833

Project: Shahpur Pumped Storage Project (1800 MW)
Proposal No.: FP/RJ/SYD/2112439/2021
Diversion Area: 413.9002 Ha

ADVANCE ACTION (0 YEAR)						
S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of Basic Data for Microplanning and carrying out joint forest management activities		654/ Ha	85171	7051	92221
2	Survey of area, lay out of contour trenches, borrow pits and making of segments / plots		525/Ha	66980	7051	74031
3	OUTER FENCING					
A	150 cm high fencing of precast R.C. Posts of 15cm x 15cm tapered to 10x10cm at top placed at every 3 m. apart. 30 cm in ground embedded in cement concrete 1:1:6 (30x30x45cm) corner and every tenth posts to be struttled with same R.C. Posts provided with six horizontal lines and 2 diagonals of black barbed wire between the two posts fitted and fixed with GI staples including earth work in excavation etc. Complete. (P.W.D BSR 2022 item No. 9.30)	6574 RMT	503/rmt.	0	3306722	3306722
B	Purchasing and fixing of Chain link mesh.	6574 RMT	190/rmt	131480	1117580	1249060
4	INNER FENCING					
	Fencing of plantation area with 1.5M high R.C. Post and two lines of wire and 1.2M broad welded wire mesh.	6036	165.99/rmt	492779	509137	1001916
5	Cost of raising 960 seedlings/Ha. in nursery	135371	7.14	629475	337074	966549
6	Purchase of BHP Engine	5	75000	0	375000	375000
7	Purchase of PVC/HDPE Pipes of 3 inch dia and 1 inch dia	Lumsum			339695	339695
8	Purchase of tools and plants	Lumsum			54289	54289
9	Purchase of Fertilisers and insecticides	Lumsum			99554	99554
10	Purchase of Plantation Board including painting and fixing			18551	39833	58384
11	Watch and ward for 4 months			161616		161616
12	R and M of Vehicles	Lumsum			32433	32433
13	Labour amenities			60870	28517	89387
14	Misc. and unforeseen expenses (Labour, instruments, machines etc.)	Lumsum		9469	16899	26368
	TOTAL YEAR 0			1656392	6270833	7927224
15	Administrative charges 10%					792722
	TOTAL					8719947

Planting Year (Year 1)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assesment and strengthening Joint Forest Management			0	10260	10260
2	Maintenance of 960 Plants/Ha. seeding in nursery	135371	2.51/Plant	267764	72017	339781
3	Raising of 160 seedlings in nursery for casualty replacement in year-2 (20% of 800)	22562	7.14/Plant	104913	56179	161093
4	Transportation of 880plants/Ha. from nursery to planting site	124090	1.99/plant	219639	27300	246939
5	Planting of 800 seedlings/Ha. in command area including digging of pits, local transportation, treatment of pit with pesticides and fertilisers, making of thanwala and initial watering	112809	15.64/Plant	1618809	145524	1764333
6	Spot watering & application of insecticides in 800 plants. (6th times)	112809	22.67/plant	1686495	870885	2557380
7	Weeding and hoeing of 800 plants/Ha. (2 times)	112809	9.20/plant	1037843	0	1037843
8	hoeing of 800 plants/Ha. (2 times)	112809	5.66/plant	638499	0	638499
9	Application of Urea and Fertiliser.	112809	0.59/Plant	41739	24818	66557


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10	Purchase of PVC Pipes	Lumsum	116796	87197	204593
11	Maintenance of engines	Lumsum		77697	77697
12	Watch and ward for 12 months	Lumsum	484848		484848
13	Construction of cattle guard hut	Lumsum	50000	100000	150000
14	Labour amenities	Lumsum	104155	5130	109285
15	Repairs and maintenance of vehicles	Lumsum		77704	77704
16	Miscellaneous and unforeseen expenditure	Lumsum	6377	8007	15279
	TOTAL YEAR 1		6397877	1544218	7942099
17	Administrative charges 10%				794209
	TOTAL				8736299

First Year Maintenance (Year 2)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assessment and strengthening Joint Forest Management			0	10260	10260
2	Maintenance of 160 seedling/ha in nursery for casualty replacement in 2nd year	22562	2.51/plant	44628	12003	56631
3	Casualty replacement 160 plants including redigging of pits, transportation planting with treatment of pesticides and fertilizer, watering	22562	11.07/plant	249761	29978	279739
4	Spot watering & application of insecticides in 800 plants (6th times)	112809	22.67/plant	1686495	870885	2557380
5	Application of Urea and Fertiliser (2 times)	112809	0.59/plant	83479	49636	133115
6	Weeding and hoeing of 800 plants/ha (2 times)	112809	9.20/plant	1037843	0	1037843
7	Hoeing of 800 plants/ha (2 times)	112809	5.66/plant	638499	0	638499
8	Repair and maintenance of vehicle	Lumsum			51752	51752
9	Maintenance of engines	Lumsum			51752	51752
10	Watch and ward for 12 months	Lumsum		484848		484848
11	Misc. and unforeseen expenditure	Lumsum		3672	1358	5030
	TOTAL YEAR 2			4229224	1077625	5306849
	TOTAL					530685
						5837534

Second Year Maintenance (Year 3)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assessment and strengthening Joint Forest Management			0	10260	10260
2	Spot watering & application of insecticides in 800 plants (3 times)	112809	18.89/plant	1405600	725363	2130963
3	Application of Urea and Fertiliser (2 times)	112809	0.59/plant	83479	49636	133115
4	Hoeing of 800 plants/ha (2 times)	112809	5.66/plant	638499	0	638499
5	Repair and maintenance of vehicle	Lumsum			39833	39833
6	Purchase of PVC Pipes	Lumsum			159331	159331
7	Maintenance of engines	Lumsum			59749	59749
8	Purining and tending of 800 plants per ha	112809	2.32/plant	261717		261717
9	Watch and ward for 12 months	Lumsum		484848		484848
10	Misc. and unforeseen expenditure	Lumsum		15266	8148	23413
	TOTAL YEAR 3			2899408	1052319	3951727
	TOTAL					395173
						4346900

Third Year Maintenance (Year 4)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assessment and strengthening Joint Forest Management			0	10260	10260
2	Spot watering & application of insecticides in 800 plants (4 times)	112809	15.11/plant	1124706	579818	1704524
3	Hoeing of 800 plants/ha (2 times)	112809	5.66/plant	638499	0	638499
4	Repair and maintenance of vehicle	Lumsum			22029	22029
5	Maintenance of engines	Lumsum			49791	49791
6	Purining and tending of 800 plants per ha (2 times)	112809	4.64/plant	523434		523434
7	Watch and ward for 12 months	Lumsum		484848		484848
8	Misc. and unforeseen expenditure	Lumsum		21642	13428	35071
	TOTAL YEAR 4			2793129	675346	3468475
9	Administrative charges 10%					346847
	TOTAL					3815323

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Fourth Year Maintenance (Year 5)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assessment and strengthening Joint Forest Management			0	10260	10260
2	Spot watering & application of insecticides in 800 plants (2 times)	112809	7.56/plant	561789	291047	852836
3	Repair and maintenance of vehicle	Lumsum			35910	35910
4	Maintenance of engines	Lumsum				499888
5	Fumigation and banding of 500 plants per ha	70506	7.09/plant	499888		484848
6	Watch and ward for 12 months	Lumsum		484848		9008
7	Minor and unforeseen expenditure	Lumsum		5990	3018	1914627
	TOTAL YEAR 5			1552515	362113	191463
8	Administrative charges 10%					2106090
	TOTAL					

Fifth Year Maintenance (Year 6)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assessment and strengthening Joint Forest Management			0	10260	10260
2	Spot watering & application of insecticides in 800 plants (2 times)	112809	7.56/plant	561789	291047	852836
3	Fumigation and banding of 450 plants per ha	63455	7.09/plant	449896		449896
4	Watch and ward for 12 months	Lumsum		484848		484848
5	Minor and unforeseen expenditure	Lumsum		7536	5583	13118
	TOTAL YEAR 6			1504068	306890	1810958
6	Administrative charges 10%					181096
	TOTAL					1992054

Subsequent Maintenance (Year 7 to 12)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assessment and strengthening Joint Forest Management			0	10260	10260
2	Fumigation and banding of 400 plants per ha	56404	7.09/plant	399904		399904
3	Watch and ward for 12 months	Lumsum		484848		484848
4	Repair and maintenance of vehicle	Lumsum			30458	30458
5	Minor and unforeseen expenditure	Lumsum		7536	5583	13118
	TOTAL YEAR 7			892288	46301	938589
6	Administrative charges 10%					93859
	TOTAL					1032448

Grand Total						
0 Year			8719947			
1 Year			8736299			
2 Year			5837534			
3 Year			4335900			
4 Year			3815323			
5 Year			2106090			
6 Year			1992054			
7 Year			1032448			
8 Year			1032448			
9 Year			1032448			
10 Year			1032448			
11 Year			1032448			
12 Year			1032448			
Total			41737833			

Joint Forest Officer
IGNP ST-II Jaisalmer
रक्षा - सप्तम
इ.स. २०२०-२१
सप्तम रक्षा

Assistant Conservator of Forest
Jaisalmer
रक्षा - सप्तम
रक्षा

Deputy Conservator of Forest
IGNP ST-II Jaisalmer
उप वन संरक्षक
इ.स. २०२०-२१
सप्तम रक्षा

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ON ALLOTMENTED NON-FOREST LAND (2071)

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[illegible]

1990年12月1日， $\text{Vista} = \text{Vista} + 1$ ， $\text{Vista} = 1991$

1. 2000年10月1日起，我国开始实行《中华人民共和国个人所得税法》。

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EXPENSES ACTIVITY 3 YEAR						
Sl. No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Construction of Basic Design for Vitrification and casting and post thermal management activities		\$55/ hr	11340	000	11340
2	Services of work done for construction, furniture etc and making of components / parts		\$13,300	0000	000	0000
3	CONTRACTOR'S					
4	1) 100 mm high flooring of process 4 & 5. Floor of Chamber 5 (Floor required to facilitate in the removal of items) 1 to square 20 (100 is ground construction is covered carrying 1 kN)					
5	2) 100mm (thick) concrete and epoxy board panels to be installed with square 4 & 5. Floor provided with an horizontal bars and 6 flagstones of black basalt with between the two panels fitted and fixed with 60 staples including epoxy work in construction etc. (PMDR 2012 Item No. 8. 50)	2014 BMT	\$55/ hour	0	\$55,000.0	\$55,000.0
6	Fabrication and fitting of Chamber hot mesh	2014 BMT	\$90/ hour	40000	\$4,000.0	\$44000
7	CONTRACTOR'S					
8	1) Fencing of plantation area with 1.5m high R.C. Post and two lines of wire and 1.2m broad washed steel mesh	0	185.00/ meter	0	0	0
9	Cost of raising bed seedlings/bed in nursery	10000	7.14	\$4100	\$4000.0	1200.14
10	Purchase of Hot Engine	1	75000	0	75000	75000
11	Purchase of PVC, HDPE Pipes of 1 inch dia and 1 inch dia	Lumpsum			\$5000	\$5000
12	Purchase of seeds and plants	Lumpsum			7500	7500
13	Purchase of Laboratory and instrumentation	Lumpsum			11000	11000
14	Purchase of Plantation board including painting and fitting			1470	1320	2790
15	Water and power for 6 months			11072		11072
16	4 and 6 of electricity	Lumpsum			4304	4304
17	Laborer activities			8104	3811	11915
18	Water and other management expenses (Laborer, instruments, materials etc.)	Lumpsum		1200	1200	2400
	TOTAL YEAR 0			210402	113920.0	1790470
19	Administrative charges 20%					179040
	TOTAL					1969510

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assessment and monitoring under Forest Management			0	1371	1371
2	Subcontracting of BGD Plants, Inc. sending to nursery	18006	2.51/Plant	25774	9622	45396
3	Raising of BGD seedlings in nursery for initially replacement in year 2 (50% of BGD)	2014	7.14/Plant	14015	7505	21520
4	Transportation of BGD plants/ha from nursery to planting site	16179	1.99/plant	29345	2647	32992
5	Planting of BGD seedlings/ha. in command area including digging of pits, local transportation, treatment of pit with pesticides and fertilizers, mulching of channels and initial watering	15072	15.64/Plant	216283	19443	235726
6	Soil watering & application of insecticides on BGD plants (1st time)	15072	22.47/plant	225326	116356	341682
7	Weeding and weeding of BGD plants/ha (2 times)	15072	9.20/plant	138642	0	138642
8	Harvesting of BGD plants/ha (2 times)	15072	5.64/plant	85308	0	85308
9	Application of Urea and Fertilizer	15072	0.58/Plant	5577	3316	8893

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10	Purchase of PVC Pipes	Lumsum	116796	67797	204593
11	Maintenance of engines	Lumsum		10182	10182
12	Watch and ward for 12 months	Lumsum	161616		161616
13	Construction of cattle guard hut	Lumsum	20000	40000	60000
14	Labour assistance	Lumsum	11918	686	14604
15	Repair and maintenance of vehicles	Lumsum		10183	10183
16	Miscellaneous and unforeseen expenditure	Lumsum	852	1190	2042
	TOTAL YEAR 1		1083472	291697	1375170
17	Administrative charges 10%				137517
	TOTAL				1512687

First Year Maintenance (Year 2)

S. No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assessment and strengthening Joint Forest Management			0	1371	1371
2	Maintenance of 160 seedling/ha in nursery for casualty replacement in 2nd year	3014	2.51/Plant	5962	1603	7565
3	Casualty replacement 160 plants including redigging of pits, transportation planting with treatment of pesticides and fertilizer, watering	3014	11.07/Plant	33365	29978	63343
4	Spot watering & application of insecticides in 800 plants (5th times)	15072	22.67/plant	225326	116356	341682
5	Application of Urea and Fertiliser (2 times)	15072	0.59/Plant	11153	6632	17785
6	Weeding and hoeing of 800 plants/ha (2 times)	15072	9.20/plant	138662	0	138662
7	Hoeing of 800 plants/ha (2 times)	15072	5.66/plant	85308	0	85308
8	Repair and maintenance of vehicle	Lumsum			6916	6916
9	Maintenance of engines	Lumsum			6916	6916
10	Watch and ward for 12 months	Lumsum		161616		161616
11	Misc. and unforeseen expenditure	Lumsum		491	181	672
	TOTAL YEAR 2			661883	169953	831836
12	Administrative charges 10%					83184
	TOTAL					915019

Second Year Maintenance (Year 3)

S. No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assessment and strengthening Joint Forest Management			0	1371	1371
2	Spot watering & application of insecticides in 800 plants (5 times)	15072	18.89/plant	187797	96913	284710
3	Application of Urea and Fertiliser (2 times)	15072	0.59/Plant	11153	6632	17785
4	Hoeing of 800 plants/ha (2 times)	15072	5.66/plant	85308	0	85308
5	Repair and maintenance of vehicle	Lumsum			5323	5323
6	Purchase of PVC Pipes	Lumsum			21291	21291
7	Maintenance of engines	Lumsum			7984	7984
8	Purinning and tending of 800 plants per ha	15072	2.32/plant	34967		34967
9	Watch and ward for 12 months	Lumsum		161616		161616
10	Misc. and unforeseen expenditure	Lumsum		2040	1089	3129
	TOTAL YEAR 3			482881	140602	623483
11	Administrative charges 10%					62348
	TOTAL					685832

Third Year Maintenance (Year 4)

S. No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assessment and strengthening Joint Forest Management			0	1371	1371
2	Spot watering & application of insecticides in 800 plants (4 times)	15072	15.11/plant	150268	77470	227738
3	Hoeing of 800 plants/ha (2 times)	15072	5.66/plant	85308	0	85308
4	Repair and maintenance of vehicle	Lumsum			2944	2944
5	Maintenance of engines	Lumsum			6653	6653
6	Purinning and tending of 800 plants per ha (2 times)	15072	4.64/plant	69934		69934
7	Watch and ward for 12 months	Lumsum		161616		161616
8	Misc. and unforeseen expenditure	Lumsum		2892	1794	4686
	TOTAL YEAR 4			470017	90233	560250
9	Administrative charges 10%					56025
	TOTAL					616275



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Fourth Year Maintenance (Year 5)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management			0	1371	1371
2	Spot watering & application of insecticides in 800 plants (2 times)	15072	7.56/plant	75059	38886	113944
3	Repair and maintenance of vehicle	Lumsum			2923	2923
4	Maintenance of engines	Lumsum			4799	4799
5	Purning and tending of 500 plants per ha	9420	7.09/plant	66788		66788
6	Watch and ward for 12 months	Lumsum		161616		161616
7	Misc. and unforeseen expenditure	Lumsum		800	403	1204
	TOTAL YEAR 5			304263	48382	352645
8	Administrative charges 10%					35264
	TOTAL					387909

Fifth Year Maintenance (Year 6)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management			0	1371	1371
2	Spot watering & application of insecticides in 800 plants. (2 times)	15072	7.56/plant	75059	38886	113944
3	Purning and tending of 450 plants per ha	8478	7.09/plant	60109		60109
4	Watch and ward for 12 months	Lumsum		161616		161616
5	Misc. and unforeseen expenditure	Lumsum		1007	746	1753
	TOTAL YEAR 6			297791	41003	338793
6	Administrative charges 10%					33879
	TOTAL					372673

Subsequent Maintenance (Year 7 to 12)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management			0	1371	1371
2	Spot watering & application of insecticides in 400 plants per ha	7536	7.09/plant	53430		53430
3	Watch and ward for 12 months	Lumsum		161616		161616
4	Repair and maintenance of vehicle	Lumsum			4070	4070
5	Misc. and unforeseen expenditure	Lumsum		1007	746	1753
	TOTAL YEAR 7			216053	6187	222240
6	Administrative charges 10%					22224
	TOTAL					244464
	Grand Total					
	0 Year			1946426		
	1 Year			1512687		
	2 Year			915019		
	3 Year			685832		
	4 Year			616275		
	5 Year			387909		
	6 Year			372673		
	7 Year			244464		
	8 Year			244464		
	9 Year			244464		
	10 Year			244464		
	11 Year			244464		
	12 Year			244464		
	Total			7903606		

Range Forest Officer
 उप वन संरक्षक
 IGNP ST-II, Jaisalmer
 इ.ना.म.स्टेज-II
 जैसलमेर

Deputy Conservator of Forest
 IGNP ST-II, Jaisalmer
 उप वन संरक्षक
 इ.ना.म.स्टेज-II
 जैसलमेर

Deputy Conservator of Forest
 IGNP ST-II, Jaisalmer
 उप वन संरक्षक
 इ.ना.म.स्टेज-II
 जैसलमेर

(दीपक कुमार गुप्ता)
 उप वन संरक्षक
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MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION

ON DEGRADED FOREST LAND (DFL)

FOREST BLOCK - B NLD

UNIT: 184.82 Ha
PERIMETER: 7795 M
LABOUR RATE: Rs 259/day
COST ESTIMATE: RS 43169124

Project: Shahpur Pumped Storage Project (1800 MW)
Proposal No: FP/RJ/HYD/2121439/2021
Diversion Area: 413 9002 Ha
Plants per Hectare: 700

ADVANCE ACTION (0 YEAR)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of Basic Data for Microplanning and carrying out joint forest management activities		654/ Ha	111631	9241	120872
2	Survey of area. Lay out of contour trenches, burrow pits and making of segments / plots		525/Ha	87790	9241	97031
3	Fencing of plantation area with 1.5M high R.C. Post and two lines of wire and 1.2M broad welded wire mesh.	7795	165.99/rmt	636384	657508	1293892
4	Cost of raising 840 seedlings/Ha. in nursery	155249	7.14	721908	386570	1108478
5	Purchase of 8HP Engine	7	75000	0	525000	525000
6	Purchase of PVC/HDPE Pipes of 3 inch dia and 1 inch dia	Lumsum			445231	445231
7	Purchase of tools and plants	Lumsum			71156	71156
8	Purchase of Fertilisers and insecticides	Lumsum			130483	130483
9	Purchase of Plantation Board including painting and fixing			24315	52208	76523
10	Watch and ward for 4 months			215488		215488
11	R and M of Vehicles	Lumsum			42509	42509
12	Labour amenities			79781	37376	117157
13	Misc. and unforeseen expenses (Labour, instruments, machines etc.)	Lumsum		12411	22149	34559
	TOTAL YEAR 0			1889707	2388672	4278379
14	Administrative charges 10%					427838
	TOTAL					4706217

Planting Year (Year 1)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assesment and strengtheing Joint Forest Management.			0	13448	13448
2	Maintenance of 840 Plants/Ha. seeding in nursery	155249	2.51/Plant	307083	82592	389675
3	Raising of 140 seedlings in nursery for casualty replacement in year-2 (20% of 700)	25875	7.14/Plant	120319	64429	184748
4	Transportation of 770 plants/Ha. from nursery to planting site	142311	1.99/plant	251890	31308	283199
5	Planting of 800 seedlings/Ha. In command area including digging of pits, local transportation, treatment of pit with pesticides and fertilisers, making of thanwala and initial watering.	129374	15.64/Plant	1856517	166892	2023409
6	Spot watering & application of Insecticides in 800 plants. (6th times)	129374	22.67/plant	1934141	998767	2932909
7	Weeding and hoeing of 800 plants/Ha. (2 times)	129374	9.20/plant	1190241	0	1190241
8	hoeing of 800 plants/Ha. (2 times)	129374	5.66/plant	732257	0	732257
9	Application of Urea and Fertiliser.	129374	0.59/Plant	47868	28462	76331
10	Purchase of PVC Pipes.	Lumsum		136796	67797	204593
11	Maintenance of engines	Lumsum			101836	101836
12	Watch and ward for 12 months	Lumsum		565035		565035
13	Construction of cattle guard hut.	Lumsum		60000	190000	250000
14	Labour amenities.	Lumsum		136514	6724	143237
15	Repairs and maintenance of vehicles.	Lumsum			101845	101845
16	Micellaneous and unforeseen expenditure.	Lumsum		8358	11668	20025
	TOTAL YEAR 1			7347019	1865768	9212787
17	Administrative charges 10%					921279
	TOTAL					10134065

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First Year Maintenance (Year 2)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management			0	13448	13448
2	Maintenance of 140 seedling/ha in nursery for casualty replacement in 2nd year	25875	2.51/Plant	51181	13766	64946
3	Casualty replacement 140 plants including redigging of pits, transportation planting with treatment of pesticides and fertiliser, watering	25875	11.07/Plant	286436	29978	316414
4	Spot watering & application of insecticides in 700 plants (6th times)	129374	22.67/plant	1934141	998767	2932909
5	Application of Urea and Fertiliser (2 times)	129374	0.59/Plant	95737	56925	152661
6	Weeding and hoeing of 700 plants/Ha (2 times)	129374	9.20/plant	1190241	0	1190241
7	hoeing of 800 plants/Ha (2 times)	129374	5.66/plant	732257	0	732257
8	Repair and maintenance of vehicle	Lumsum			67831	67831
9	Maintenance of engines	Lumsum			67831	67831
10	Watch and ward for 12 months	Lumsum		646464		646464
11	Misc. and unforeseen expenditure	Lumsum		4813	1780	6593
	TOTAL YEAR 2			4941269	1250324	6191594
12	Administrative charges 10%					619159
	TOTAL					6810753

Second Year Maintenance (Year 3)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management			0	13448	13448
2	Spot watering & application of insecticides in 700 plants. (5 times)	129374	18.89/plant	1612000	811875	2443875
3	Application of Urea and Fertiliser (2 times)	129374	0.59/Plant	95737	56925	152661
4	hoeing of 700 plants/Ha. (2 times)	129374	5.66/plant	732257	0	732257
5	Repair and maintenance of vehicle	Lumsum			52208	52208
6	Purchase of PVC Pipes.	Lumsum			208832	208832
7	Maintenance of engines	Lumsum			78312	78312
8	Purnning and tending of 700 plants per ha	129374	2.32/plant	300148		300148
9	Watch and ward for 12 months	Lumsum		646464		646464
10	Misc. and unforeseen expenditure	Lumsum		20009	10679	30688
	TOTAL YEAR 3			3406614	1252277	4658891
11	Administrative charges 10%					465889
	TOTAL					5124781

Third Year Maintenance (Year 4)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management			0	13448	13448
2	Spot watering & application of insecticides in 700 plants. (4 times)	129374	15.11/plant	1289859	664982	1954841
3	hoeing of 700 plants/Ha. (2 times)	129374	5.66/plant	732257	0	732257
4	Repair and maintenance of vehicle	Lumsum			28873	28873
5	Maintenance of engines	Lumsum			65260	65260
6	Purnning and tending of 700 plants per ha. (2 times)	129374	4.64/plant	600295		600295
7	Watch and ward for 12 months	Lumsum		565035		565035
8	Misc. and unforeseen expenditure	Lumsum		28366	17600	45967
	TOTAL YEAR 4			3215813	790163	4005975
9	Administrative charges 10%					400598
	TOTAL					4406573

Fourth Year Maintenance (Year 5)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management			0	13448	13448
2	Spot watering & application of insecticides in 700 plants. (2 times)	129374	7.56/plant	644283	333785	978067
3	Repair and maintenance of vehicle	Lumsum			28675	28675
4	Maintenance of engines	Lumsum			47066	47066
5	Purnning and tending of 450 plants per ha.	83169	7.09/plant	589668		589668

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6	Watch and ward for 12 months	Lumsum		565035		565035
7	Misc. and unforeseen expenditure	Lumsum		7851	1955	11806
	TOTAL YEAR 5			1806837	426929	2233766
8	Administrative charges 10%					223377
	TOTAL					2457143

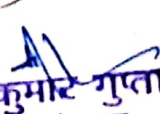
Fifth Year Maintenance (Year 6)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management			0	13448	13448
2	Spot watering & application of insecticides in 700 plants (2 times)	129374	7.56/plant	644283	333785	978067
3	Purning and tending of 400 plants per ha	73928	7.09/plant	524150		524150
4	Watch and ward for 12 months	Lumsum		565035		565035
5	Misc. and unforeseen expenditure	Lumsum		9877	7317	17194
	TOTAL YEAR 6			1743344	354549	2097894
6	Administrative charges 10%					209789
	TOTAL					2307683

Subsequent Maintenance (Year 7 to 12)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management			0	13448	13448
2	Purning and tending of 350 plants per ha	64687	7.09/plant	458631		458631
3	Watch and ward for 12 months	Lumsum		565035		565035
4	Repair and maintenance of vehicle	Lumsum			39921	39921
5	Misc. and unforeseen expenditure	Lumsum		9877	7317	17194
	TOTAL YEAR 7			1033543	60686	1094229
6	Administrative charges 10%					109423
	TOTAL					1203652
	Grand Total					
	0 Year		4706217			
	1 Year		10134065			
	2 Year		6810753			
	3 Year		5124781			
	4 Year		4406573			
	5 Year		2457143			
	6 Year		2307683			
	7 Year		1203652			
	8 Year		1203652			
	9 Year		1203652			
	10 Year		1203652			
	11 Year		1203652			
	12 Year		1203652			
	Total		43169124			


 Deputy Conservator of Forest
 IGNP st-II Jaipur
 उप वन संरक्षक
 इ.ग.न.प.र.रेज-II
 जैसलमेर

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