


Deputy Conservator of Forest, Sri Ganganagar (Rajasthan)**DETAILS OF AMOUNT FOR MEDICINAL PLANT****132 KV S/C Raisinghnagar - Jetsar (M/s NTPC) Transmission Line,****District-Sri Ganganagar, Rajasthan****forest Diversion Proposal - FP/RJ/TRANS/120030/2021****MODEL COST ESTIMATE FOR DWARF/MEDICINAL PLANTATION**

1. UNIT-5 (1.1Km length of transmission line)	4. Wage Rate- 252/- per day
2. No of plants per Ha. 625&1375 med plants	5. Period = 0 + 11 years.
3. Spacing 4X4 m for Dwarf plants & 2X2 m for medicinal Plants	6. Unit- 1 Ha.

Abstract				
S.No.	Year	Labour	Material	Total
1	0 Year (Advance Work)	32241	21063	53304
2	Planting Year	146834	79621	226455
3	I Year Maintenance	119314	30383	149697
4	II Year Maintenance	72016	16250	88266
5	III Year Maintenance	15725	1749	17474
6	IV Year Maintenance	15725	1749	17474
7	V Year Maintenance	15725	1749	17474
8	VI Year Maintenance	15725	1749	17474
9	VII Year Maintenance	15725	1749	17474
10	VIII Year Maintenance	15725	1749	17474
11	IX Year Maintenance	15725	1749	17474
12	X Year Maintenance	15725	1749	17474
TOTAL		496204	161312	657516
SAY				657550

Place: Sri Ganganagar

Date: 30.09.2021

(Signature) 

Name

Designation आशादीप ओझा

Official Seal..... उप वन संचालक
श्रीगंगानगर (राज.)

Deputy Conservator of Forest, Sri Ganganagar (Rajasthan)

DETAILS OF AMOUNT OF 100 TREES FOR

132 KV S/C Raisinghnagar - Jetsar (M/s NTPC) Transmission Line,

District-Sri Ganganagar, Rajasthan

Forest Diversion Proposal - FP/RJ/TRANS/120030/2021 (0.0972 ha.)

Scheme for 100 plants					
Labour rate 252.00 per day					
S.No.	ITEM OF WORK	RATE (Rs.)	LABOUR	MATERIAL	TOTAL
Advance work & Planting year					
1	Cost of raising 110 seedlings	6.64 / plant	527	203	730
2	Digging of 100 pits size: 0.45x(0.4+0.5/2)2 cum	19.71 / pit	1971	0	1971
3	Purchase of insecticide and Fertilizers. 100	0.86/ plant	0	86	86
4	Transportation of 100 plants from nursery to planting site	1.58 / plant	158	0	158
5	Planting of 100 seedlings including Refilling of pits	4.59 / plant	459	0	459
6	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 5 times.	3.55/ plant	1775	0	1775
7	Making of crescent shaped mounds below planted sapling after planting and dibbing of 3 seeds of thorny tree species. (100 plants / ha)	4.08 / plant	401	0	401
8	Weeding and hoeing of 100 plants in 2 time. Repairing of plants mound	4.00 / plant	800	0	800
9	Construction of iron tree guard 100 plant	560	56000		56000
	Unforeseen Expenditure				1120
	Total				63500
Maintenance 1st Year					
1	Cost of raising 20 seedlings	7.2 / plant	97	37	144
2	Re Digging of 20 pits size: 0.45x(0.4+0.5/2)2 cum	9.8 / pit	196	0	196
3	Purchase of insecticide and Fertilizers. 20	0.86/ plant	0	17	17
4	Transportation of 20 plants from nursery to planting site	1.58 / plant	32	0	32
5	Planting of 20 seedlings including Refilling of pits	4.59 / plant	92	0	92
6	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 7 times.	3.55/ plant	2484	0	2484
7	Making of crescent shaped mounds below planted sapling after planting and dibbing of 3 seeds of thorny tree species. (20 plants / ha)	4.01 / plant	81	0	81
8	Weeding and hoeing of 100 plants in 2 time. Repairing of plants mound	4.00 / plant	800	0	800
	Unforeseen Expenditure		0		1110
	Total				4956


	Unforeseen Expenditure		0		1110
		Total			4956
Maintenance 2nd year					
1	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 7 times.	3.55/ plant	2484	0	2484
2	Weeding and hoeing of 100 plants in 2 time. Repairing of plants mound	4.00 / plant	800	0	800
3	Unforeseen expenditure		0		1124
		Total			4408
Maintenance 3rd year					
	Watering (if sufficient rains are not there) 4 times.	3.55/ plant	1420	0	1420
	Unforeseen expenditure		0		2072
		Total			3492
Maintenance 4th year					
	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	3.55/ plant	1420	0	1420
	Unforeseen expenditure		0		2072
		Total			3492
Maintenance 5th year					
	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	3.55/ plant	1420	0	1420
	Unforeseen expenditure		0		2072
		Total			3492
Maintenance 6th year					
	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	3.55/ plant	1420	0	1420
	Unforeseen expenditure		0		2072
		Total			3492
Maintenance 7th year					
	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	3.55/ plant	1420	0	1420
	Unforeseen expenditure		0		2072
		Total			3492
Maintenance 8th year					
	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	3.55/ plant	1420	0	1420
	Unforeseen expenditure		0		2072
		Total			3492

Maintenance 9th year					
	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	3.55/ plant	1420	0	1420
	Unforseen expenditure		0		2072
		Total			3492

Maintenance 10th year					
	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	3.55/ plant	1420	0	1420
	Unforseen expenditure		0		2072
		Total			3492

Yearwise breakup	Amount
Advance work & Planting	63500
Maintenance 1st year	4956
Maintenance 2nd year	4408
Maintenance 3rd year	3492
Maintenance 4th year	3492
Maintenance 5th year	3492
Maintenance 6th year	3492
Maintenance 7th year	3492
Maintenance 8th year	3492
Maintenance 9th year	3492
Maintenance 10th year	3492
Total Amount for 100 Plants	100800/-

Place: Sri Ganganagar
Date: 30.09.2021

(Signature) 
 Name
 Designation
 Official Seal.....