

CHECK LIST SERIAL NUMBER : 27

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for compensatory afforestation to be carried out in lieu of 7.3991 ha of forest area to be diverted for the construction of Luni Transmission Line 4.5 MW M/S Luni Power Company Pvt.Ltd.

1	Detail of degraded forest land/non forest land:-
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District:- Kangra

Name of Forest Division:- Palampur, Range :- Bir

Block ? Compartment ? Survey No. : No. 52 D/12

Area to be afforested :15 ha.

2	Description of area:-
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i). Whether the site selected for compensatory afforestation is a land bank or not:- No

(ii) If

has been identified for the CA

iii) In case of non-forest area identified for C.A., then what is the distance of C.A. site from the adjoining forest boundary :- N.A

iv). Soil type :- Sandy

v). Topography :- a. Hill/Undulating/Plain :	Hill
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b. Slope :- Steep/Medium/Gentle: Medium

vi) Whether area is bearing any root stock of vegetation :-	Yes
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3	1.	Paintation Model:-
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Copy of the approved Compensatory Afforestation Scheme/Mod. Showing component wise physical and financial break up is enclosed.

2. Schedule of Plantation Programme:-

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Office of HP State Comensatory Afforestation Fund Management & Planning Authority						
Sceme -Wise Norms for New Plantations and Maintenance of old Plantations						
in Non-Tribal and Tribal Areas for 2022-23 At wage rate Rs 350/ Non Tribal						
4 stands B/wire fencing with RCC Fence Posts and maintenance for 10 years						
M/S Luni Power Company Pvt. Limited Luni Transmission Line 4.5 MW.Name of C.A Area Bir Protected forest Area 15 Ha. Topo Sheet No.52 D/12						
Name of Range : Bir, Block: Bir, Beat: Bir.						
SNO	Name of Land Bank: Bir Protected Forest					
A	Particulars of Works	Unit	Quantity	Rate per Unit at the wage rate of Rs.150/-	Rates with 133.333% increase to present wage rate of 350/-	Norm at the wage rate of 350/- for Non Tribal areas
1	Survey , Demarcation & Fencing:-					
2	Survey/ demarcation of plantation area i/c marking of sections	Ha	15	134.66	314.21	4713.09
3	Cost of RCC Poles and painting	No	900	300.00	350.00	315000.00
4	Carriage of RCC Poles upto 2kms uphill / downhill	No	900	170.50	397.83	7160.99
5	Preparation/Digging of holes of 20X30X50 cm size for fixing of fence	No	900	12.08	28.19	10872.00
6	Fixing of RCC fence posts in concrete i/c strutting	No	900	696.25	1624.58	6266.25
7	Carriage of B/wire from store to nearest road head near plantation site in motor transpost (average carriage 10kms)	Qntl	12	LS	6000.00	6000.00
8	Carriage of b/wire manually over a distance of 2kms uphill/ downhill from road side to plantation site	Per Km / per qntl	12	170.5	397.83	4092.00
9	Stretching and fixing of b/wire in four strands	Rmt	10800	4.75	11.08	51300.00
10	Interlacing of thorny bushes along the fence	Rmt	2700	4	9.33	10800.00
	Cost of procurement of B/wire	Qntl	12	10000	23333.30	120000.00
B.	Total - A/ Survey, Demarcation & Fencing					536204.33
1	PLANTING :-					
2	Clearing the site of weeds/Bush cutting in strips of 1 to 2 mtr wide	No	15	1193.00	2783.66	17895.00
3	Digging of pits 45X45X45 cm	No	16500	954.25	2226.58	157451.25
4	Filling of pits 45X45X45 cm	No	16500	272.75	636.42	45003.75
5	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	25	trips	3000.00	75000.00


6	Carriage of plants in poly bags from road side to plantation site over a distance of 2 kms uphill /downhill manually	No	16500	218	508.67	71940.00
7	Addition of fertilizer/FYM to planting pits	No	16500	LS	20000.00	20000.00
8	Planting of P. bag plants in pits i/c ramming	No	16500	218.25	509.25	36011.25
9	Construction of Inspection Path 60 cm wide	Rmt	5000	11	25.67	55000.00
10	Cost of plants raised in Departmental Nurseries	No	16500	16.84	39.29	277860.00
11	De-weeding and hoeing twice a year	No	16500	218.25	509.25	36011.25
12	Watering the plants during months of stress	No	16500	LS	64000.00	64000.00
	Plantation Display Board [depicting the Name of the Compensatory Plantation, Total area of plants,Species Planted and the Name of all the Proposals with corresponding number of plants planted against each, for which the land was diverted	No	4	L/S	6000.00	24000.00
	Total - B / Planting :					880172.50
C	Total Fencing and Planting (A+B)					1416376.83
	MAINTENANCE					
1	1st year Maintenance 30%					
2	Re-Digging of pits 45X45X45 cm	No	4950	477.25	1113.58	23623.88
3	Filling of pits 45X45X45 cm	No	4950	272.75	636.42	13501.13
4	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	4950	LS	4000.00	4000.00
5	Carriage of plants in poly bags from road side to plantation site over a distance of 2 kms uphill /downhill manually	No	4950	218.00	508.67	21582.00
6	Planting of plants in pits i/c ramming	No	4950	218.25	509.25	10803.38
7	Cost of plants raised in Departmental Nurseries	No	4950	16.84	39.29	83358.00
	Repair of Fencing	Rmt	3240	1.75	4.08	5670.00
	Total 1st.Year Maintenance					162538.38
1	2nd year maintenance (20% beating up of failures)					
2	Re-Digging of pits 45X45X45 cm	No	3300	477.25	1113.58	15749.25
3	Filling of pits 45X45X45 cm	No	3300	272.75	636.42	9000.75

5*	Carriage of plants in poly bags from road side to plantation site over a distance of 2 kms uphill /downhill manually	No	3300	218.00	508.67	14388.00
6	Planting of plants in pits i/c ramming	No	3300	218.25	509.25	7202.25
7	Cost of plants raised in Departmental Nurseries	No	3300	16.84	39.29	55572.00
	Repair of Fencing	Rmt	2160	1.75	4.08	3780.00
	Total 2nd Year Maintenance					109692.25
1	3rd year maintenance (15% beating up of failures)					
2	Re-Digging of pits 45X45X45 cm	No	2475	477.25	1113.58	11811.94
3	Filling of pits 45X45X45 cm	No	2475	272.75	636.42	6750.56
4	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	2475	LS	3000.00	3000.00
5	Carriage of plants in poly bags from road side to plantation site over a distance of 2 kms uphill /downhill manually	No	2475	218.00	508.67	10791.00
6	Planting of plants in pits i/c ramming	No	2475	218.25	509.25	5401.69
7	Cost of plants raised in Departmental Nurseries	No	2475	16.84	39.29	41679.00
	Repair of Fencing	Rmt	1620	1.75	4.08	2835.00
	Total 3rd year Maintenance (15% beating up)					82269.19
1	4th. Year Maint (10% beating up)					
2	Re-Digging of pits 45X45X45 cm	No	1650	477.25	1113.58	7874.63
3	Filling of pits 45X45X45 cm	No	1650	272.75	636.42	4500.38
4	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	1650	LS	3000.00	3000.00
5	Carriage of plants in poly bags from road side to plantation site over a distance of 2 kms uphill /downhill manually	No	1650	218.00	508.67	7194.00
6	Planting of plants in pits i/c ramming	No	1650	218.25	509.25	3601.13
7	Cost of plants raised in Departmental Nurseries	No	1650	16.84	39.29	27786.00
	Repair of Fencing	Rmt	1080	1.75	4.08	1890.00
	Total 4th Year Maintenance					55846.13
1	5th year maintenance (10% beating up of failures)					
2	Re-Digging of pits 45X45X45 cm	No	1650	477.25	1113.58	7874.63
3	Filling of pits 45X45X45 cm	No	1650	272.75	636.42	4500.38

4*	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	1650	LS	3000.00	3000.00
5	Carriage of plants in poly bags from road side to plantation site over a distance of 2 kms uphill /downhill manually	No	1650	218.00	508.67	7194.00
6	Planting of plants in pits i/c ramming	No	1650	218.25	509.25	3601.13
7	Cost of plants raised in Departmental Nurseries	No	1650	16.84	39.29	27786.00
	Repair of Fencing	Rmt	1080	1.75	4.08	1890.00
	Total 5th Year Maintenance					55846.13
1	6th year maintenance (10% beating up of failures)	No				
2	Re-Digging of pits 45X45X45 cm	No	1650	477.25	1113.58	7874.63
3	Filling of pits 45X45X45 cm	No	1650	272.75	636.42	4500.38
4	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	1650	LS	3000.00	3000.00
5	Carriage of plants in poly bags from road side to plantation site over a distance of 2 kms uphill /downhill manually	No	1650	218.00	508.67	7194.00
6	Planting of plants in pits i/c ramming	No	1650	218.25	509.25	3601.13
7	Cost of plants raised in Departmental Nurseries	No	1650	16.84	39.29	27786.00
	Repair of Fencing	Rmt	1080	1.75	4.08	1890.00
	Total 6th Year Maintenance					55846.13
1	7th year maintenance (10% beating up of failures)					
2	Re-Digging of pits 45X45X45 cm	No	1650	477.25	1113.58	7874.63
3	Filling of pits 45X45X45 cm	No	1650	272.75	636.42	4500.38
4	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	1650	LS	3000.00	3000.00
5	Carriage of plants in poly bags from road side to plantation site over a distance of 2 kms uphill /downhill manually	No	1650	218.00	508.67	7194.00
6	Planting of plants in pits i/c ramming	No	1650	218.25	509.25	3601.13
7	Cost of plants raised in Departmental Nurseries	No	1650	16.84	39.29	27786.00
	Repair of Fencing	Rmt	1080	1.75	4.08	1890.00
	Total 7th Year Maintenance					55846.13
1	8th year maintenance (10% beating up of failures)					
2	Re-Digging of pits 45X45X45 cm	No	1650	477.25	1113.58	7874.63

3*	Filling of pits 45X45X45 cm	No	1650	272.75	636.42	4500.38
4	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	1650	LS	3000.00	3000.00
5	Carriage of plants in poly bags from road side to plantation site over a distance of 2 kms uphill /downhill manually	No	1650	218.00	508.67	7194.00
6	Planting of plants in pits i/c ramming	No	1650	218.25	509.25	3601.13
7	Cost of plants raised in Departmental Nurseries	No	1650	16.84	39.29	27786.00
	Repair of Fencing	Rmt	1080	1.75	4.08	1890.00
	Total 8th Year Maintenance				0.00	55846.13
1	9th year maintenance (10% beating up of failures)	No			0.00	
2	Re-Digging of pits 45X45X45 cm	No	1650	477.25	1113.58	7874.63
3	Filling of pits 45X45X45 cm	No	1650	272.75	636.42	4500.38
4	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	1650	LS	3000.00	3000.00
5	Carriage of plants in poly bags from road side to plantation site over a distance of 2 kms uphill /downhill manually	No	1650	218.00	508.67	7194.00
6	Planting of plants in pits i/c ramming	No	1650	218.25	509.25	3601.13
7	Cost of plants raised in Departmental Nurseries	No	1650	16.84	39.29	27786.00
	Repair of Fencing	Rmt	1080	1.75	4.08	1890.00
	Total 9th Year Maintenance				0.00	55846.13
1	10th year maintenance (10% beating up of failures)				0.00	
2	Re-Digging of pits 45X45X45 cm	No	1650	477.25	1113.58	7874.63
3	Filling of pits 45X45X45 cm	No	1650	272.75	636.42	4500.38
4	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	1650	LS	3000.00	3000.00
5	Carriage of plants in poly bags from road side to plantation site over a distance of 2 kms uphill /downhill manually	No	1650	218.00	508.67	7194.00
6	Planting of plants in pits i/c ramming	No	1650	218.25	509.25	3601.13
7	Cost of plants raised in Departmental Nurseries	No	1650	16.84	39.29	27786.00
	Repair of Fencing	Rmt	1080	1.75	4.08	1890.00
	Total 10th Year Maintenance					55846.13
						745422.69
	D.Total New + Maintenance					2161799.52

S.C Works	HA	15	25000	25000.00	375000
Lantana Eradication	HA	15	20000	20000.00	300000
Total E					675000
Total New + Maintence+S.C and Lantana eradication works					2836799.52
Increase 10%					283679.95
Total D+E					3120479.47
Departmental Charges 17.5% of all above					546083.91
Contingency 5 % of all above					156023.97
Total contingency (F)					156023.97
Total Plantation + Contingency					3822587.35
Grand Total of Scheme					3822587.35
Or Say					3822600.00



Deputy Conservator of Forests
Palampur Forest Division
Palampur