

COMPENSATORY AFFORESTATION BILL

In lieu of diversion of 1.49 hectare of forest land in favour of M/s Beena Butail Hydro Power, Bandla Tea Estate Palampur Distt. Kangra HP for the construction of Kasol SHEP (5.0 MW) within the jurisdiction of Parvati Forest Division

PER HECTARE COST NORM FOR MODEL PLANTTATION UNDER

1100 plant per Ha with RCC fence post, Area taken for CA = $1.49 \times 2 = 2.98$ or say 3 Ha. Species to be planted conifer & Oak 50% - 50%)

S.No.	Particulars of work	Unit	Qty	Mandays involved	Wage rate @ 375 for N.T. areas
A	SURVEY, DEMARCATION & FENCING				
1.	Survey & demarcation of plantation area	Ha.	1	0.67	251
2.	Preparation/purchase of RCC fence post @ 358 per post (including GST)	No	50	0	17900
3.	Carriage of RCC fence post upto 165 cm long over a distance of 2 KM uphill/downhill	Km/ no	50	22.33	8374
4.	Preparation /digging of holes of 20x30x50 cm	No.	50	3.02	1133
5.	Fixing of RCC fence post i/c strutting	No.	50	2.39	896
6.	Carriage of B/wire over distance of 2 Kms uphill/downhill	Km/ qtl	0.75	0.74	278
7.	Stretching & fixing of B/wire in 4 strands	Rmt.	600	8	3000
8.	Interlacing of thorny bushes along the fence	Rmt.	150	4.09	1534
9.	Cost of B/wire	Qtl.	0.75	0	5000
	Total-A				38366
B	PLANTING:-				
1.	Bush cutting in strips (3m x 3m)	Ha.	1	7.95	2981
2.	Digging of pits 45x45x45 cm	No.	1100	69.96	26235
3.	Filling of Pits 45x45x45 cm	No.	1100	19.95	7481
4.	Carriage of plants in P. bags (uphill/downhill 2 Km)	Km/ no.	1100	27.87	10451
5.	Planting of plants raised in P/bags	No.	1100	15.99	5996
6.	Construction of inspection path	Rmt.	100	7.33	2749
7.	Cost of sign board, carriage & fixing	No.	0	0	2000
8.	Cost of Nur. Plants @ Rs.24	No.	1100	0	26400
	Total-B				84293
	Total (A+B)				122659
	New Plantation				122659
	10% increase				12266
	Total amount of New Plantation				134925

1. Schedule for Plantation Programme.

Detail of year wise break up of requirement of funds is as under :-

S.N.	Particulars	Unit	Qty.	Mandays involved	Wage Rate @ Rs.375
	1ST YEAR MAINTENANCE				
1	Re-digging of pits 45x45x45cm	No.	330	10.49	3934
2	Filling of pits 45x45x45cm	No.	330	5.99	2246

3	Planting of plants raised in P/bags	No.	330	4.79	1796
4	Carriage of plants in P/bags	Km/No	330	8.36	3135
5	Repair of fencing	Rmt	60	0.72	270
6	Cost of Nr/plants	No.	330	0	7920
	Total				19301
	2ND YEAR MAINTENANCE				
1	Re-digging of pits 45x45x45cm	No.	220	7	2624
2	Filling of pits 45x45x45cm	No.	220	3.99	1496
3	Planting of plants raised in P/bags	No.	220	3.20	1199
4	Carriage of plants in P/bags	Km/No	220	5.57	2090
5	Repair of fencing	Rmt	60	0.72	270
6	Cost of Nr/plants	No.	220	0	5280
	Total				12959
	3RD YEAR MAINTENANCE				
1	Re-digging of pits 45x45x45cm	No.	110	3.50	1312
2	Filling of pits 45x45x45cm	No.	110	1.99	748
3	Planting of plants raised in P/bags	No.	110	1.60	600
4	Carriage of plants in P/bags	Km/No	110	2.79	1045
5	Repair of fencing	Rmt	60	0.72	270
6	Cost of Nr/plants	No.	110	0	2640
	Total				6615
	4th YEAR MAINTENANCE				
1	Re-digging of pits 45x45x45cm	No.	110	3.50	1312
2	Filling of pits 45x45x45cm	No.	110	1.99	748
3	Planting of plants raised in P/bags	No.	110	1.60	600
4	Carriage of plants in P/bags	Km/No	110	2.79	1045
5	Repair of fencing	Rmt	60	0.72	270
6	Cost of Nr/plants	No.	110	0	2640
	Total				6615
	5th YEAR MAINTENANCE				
1	Re-digging of pits 45x45x45cm	No.	110	3.50	1312
2	Filling of pits 45x45x45cm	No.	110	1.99	748
3	Planting of plants raised in P/bags	No.	110	1.60	600
4	Carriage of plants in P/bags	Km/No	110	2.79	1045
5	Repair of fencing	Rmt	60	0.72	270
6	Cost of Nr/plants	No.	110	0	2640
	Total				6615
	6th YEAR MAINTENANCE				
1	Re-digging of pits 45x45x45cm	No.	110	3.50	1312
2	Filling of pits 45x45x45cm	No.	110	1.99	748
3	Planting of plants raised in P/bags	No.	110	1.60	600
4	Carriage of plants in P/bags	Km/No	110	2.79	1045
5	Repair of fencing	Rmt	60	0.72	270
6	Cost of Nr/plants	No.	110	0	2640

	Total				
	7th YEAR MAINTENANCE				6615
1	Re-digging of pits 45x45x45cm	No.	110	3.50	1312
2	Filling of pits 45x45x45cm	No.	110	1.99	748
3	Planting of plants raised in P/bags	No.	110	1.60	600
4	Carriage of plants in P/bags	Km/No	110	2.79	1045
5	Repair of fencing	Rmt	60	0.72	270
6	Cost of Nr/plants	No.	110	0	2640
	Total				6615
	8th YEAR MAINTENANCE				
1	Re-digging of pits 45x45x45cm	No.	110	3.50	1312
2	Filling of pits 45x45x45cm	No.	110	1.99	748
3	Planting of plants raised in P/bags	No.	110	1.60	600
4	Carriage of plants in P/bags	Km/No	110	2.79	1045
5	Repair of fencing	Rmt	60	0.72	270
6	Cost of Nr/plants	No.	110	0	2640
	Total				6615
	9th YEAR MAINTENANCE				
1	Re-digging of pits 45x45x45cm	No.	110	3.50	1312
2	Filling of pits 45x45x45cm	No.	110	1.99	748
3	Planting of plants raised in P/bags	No.	110	1.60	600
4	Carriage of plants in P/bags	Km/No	110	2.79	1045
5	Repair of fencing	Rmt	60	0.72	270
6	Cost of Nr/plants	No.	110	0	2640
	Total				6615
	10th YEAR MAINTENANCE				
1	Re-digging of pits 45x45x45cm	No.	110	3.50	1312
2	Filling of pits 45x45x45cm	No.	110	1.99	748
3	Planting of plants raised in P/bags	No.	110	1.60	600
4	Carriage of plants in P/bags	Km/No	110	2.79	1045
5	Repair of fencing	Rmt	60	0.72	270
6	Cost of Nr/plants	No.	110	0	2640
	Total				6615
	Total (Maintenance)				85180
	@10% increase				8518
	Total Maintenance cost				93698
	Total (Plantation + Maintenance)				228623
	Cost of CA for 3.0 hectare area				685869
	Add 17.5% Departmental charges				120027
	Add 5% contingency charges				34293
	Grand Total				840190
Rupees Eight Lac Forty Thousand One Hundred & Ninety only					


 Divisional Forest Officer
 Parvati Forest Division
 Shamsi

