

Diversion of 0.1487 ha of Forest Land for Construction of Beha to Hathol via Gujrehra KM 0/00 to 1/730 (FP/HP/ROAD/10281/2015)


Scheme for Compensatory Afforestation for 2024-25 in lieu of Diversion of 0.1487 ha of Forest Land for Construction of Beha to Hathol via Gujrehra KM 0/00 to 1/730 (FP/HP/ROAD/10281/2015) at CA Sites (P 11 Sathwin = 0.30 ha. i.e. Total CA = 0.30 ha.)

Sr. No.	Particulars of work	Unit	Qty.	Rate per Unit at wage rate of Rs. 150/-	Mandays Involved	Amount at wage rate of Rs. 400/-
A	Survey, Demarcation & Fencing Cost					
1	Survey & demarcation of plantation area	ha.	1	101.00	0.67	268.00
2	Preparation/purchase of RCC Fence posts.	No.	50	358.00	0.00	17900.00
3	Carriage of RCC Fence posts up to 165 cm long over distance 2 Km uphill/downhill.	Km/ No.	50	33.50	22.33	8932.00
4	Preparation/digging of holes of 20x30x50 cm size	No.	50	9.06	3.02	1208.00
5.	Fixing of RCC fence posts including strutting.	No.	50	7.16	2.39	956.00
6	Carriage of Barbed wire over distance 2 Km. uphill / downhill	Km/ Qtl.	0.75	73.65	0.74	296.00
7	Stretching & fixing of barbed wire in 4 strands	Rmt.	600	4.80	19.20	7680.00
8	Interlacing of Thorny bushes along the fence	Rmt.	150	4.09	4.09	1636.00
9	Cost of Barbed Wire	Qtl.	0.75	6510.00	0.00	4882.00
10	Nursery Cost of Plants	No.	1100	23.47	0.00	25817.00
Total - A (Survey, Demarcation & Fencing)						69575.00
or Say						69600
B	Planting Cost					
1	Bush Cutting in Strips (3mX3m)	ha.	1100	1192.80	7.95	3180.00
2	Digging of pits 45x45x45 cm	No.	1100	9.54	69.96	27984.00
3	Filling of pits 45x45x45 cm.	No.	1100	2.72	19.95	7980.00
4	Carriage of plants in P/bags over distance 2 km. uphill.	Km/ No.	1100	1.90	27.87	11148.00
5	Planting of entire plant raised in P.bags.	No.	1100	2.18	15.99	6396.00
6	Construction of Inspection Path	Rmt.	100	11.00	7.33	2932.00
7	Cost of Sign Board, Carriage & Fixing	No.	0	LS	0	450.00
Total - B (Planting Cost)						60070.00
or Say						60100
Grand Total (A+B)						129700
1st Year Maintenance Cost (30 % Beating Up):						
1	Re-digging of Pits 45 x 45 cm	No.	330	4.77	10.49	4196.00
2	Filling of Pits 45 x 45 cm	No.	330	2.72	5.98	2392.00
3	Planting of Plants raised in P/Bags	No.	330	2.18	4.80	1920.00
4	Nursery Cost of Plants	No.	330	23.47	0.00	7745.10
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/ No.	330	1.90	8.36	3344.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	288.00
Total/ 1st Year Mentenance Cost						19885.10
or Say						19900
2nd Year Maintenance Cost (20 % Beating Up):						
1	Re-digging of Pits 45 x 45 x 45 cm	No.	220	4.77	7.00	2800.00
2	Filling of Pits 45 x 45 x45 cm	No.	220	2.72	3.99	1596.00
3	Planting of Plants raised in P/Bags	No.	220	2.18	3.20	1280.00
4	Nursery Cost of Plants	No.	220	23.47	0.00	5163.40
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/ No.	220	1.90	5.57	2228.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	288.00

Total/ 2nd Year Mentenance Cost						13355.40		
or Say						13350		
3rd Year to 10th Year Maintenance Cost (10 % Beating Up):								
1	Re-digging of Pits 45 x 45 x 45 cm	No.	110	4.77	3.50	1400.00		
2	Filling of Pits 45 x 45 x45 cm	No.	110	2.72	1.99	796.00		
3	Planting of Plants raised in P/Bags	No.	110	2.18	1.60	640.00		
4	Nursery Cost of Plants	No.	110	23.47	0.00	2581.70		
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/ No.	110	1.90	2.79	1116.00		
6	Repair of Fencing	Rmt.	60	1.80	0.72	288.00		
Total/ 1st Year Mentenance Cost						6821.70		
or Say						6800		
						Escalation		
C	Survey, Demarcation & Fencing Cost					69600	0%	69600
D	Planting Cost					60100	0%	60100
E	Ist year Maintenance					19900	10%	21890
F	2 nd year Maintenance					13350	20%	16020
G	3 rd year Maintenance					6800	30%	8840
H	4 th year Maintenance					6800	40%	9520
I	5 th year Maintenance					6800	50%	10200
J	6 th year Maintenance					6800	60%	10880
K	7 th year Maintenance					6800	70%	11560
L	8 th year Maintenance					6800	80%	12240
M	9 th year Maintenance					6800	90%	12920
N	10 th year Maintenance					6800	100%	13600
	Total					217350		257370

Total Cost of CA for 0.30 ha.	77300
Contingency Charges @ 5% for 0.30 ha	3865
Total	81165
Departmental Charges @ 17.5% for 0.30 ha	14204
Grand Total	95369

Total Cost Of CA for 0.30 ha is = 95369


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