

Full Title of the Projects:- Diversion of 0.2564 ha of forest land permission for Laying of 300mm/ DI K9 transmission line (under PMIDC) water supply line (Essential Service) on NH-64 Rajpura- Patiala Bypass from Liberty Chowk to Vill: Islampur R/S Tehsil: Rajpura Distt: Patiala, under forest division Patiala, Punjab.

ESTIMATED COST PER HA. FOR PLANTATION OF SALINE AND ALKALINE AREAS

Labour Rate :328/-

Plants/Ha.:1000

S. NO.	COMPONENTS	QTY	UNITS	UNIT/ COST	TOTAL COST
A.	NURSERY				
	Nsy. cost including 10% failure	1100	No.	13.68	15376.03
B.	SOIL WORKING				
1	Site Clearance				
	i) Jungle Clearance	0.25	Ha.	5250.64	1341.28
	ii) Ploughing (Twice)	2	Ha.	5814.99	11883.59
2	Alignment & Dag bailing	1	Ha.	1599.25	1634.12
3	EARTH WORK				
	Channels 2500m x .5m x .30 m	605	cum.	98.8427	61103.87
	Pasels 400 m x .5 m x .4 m				
	M.Khal 100 m x .1m x .5 m				
	Slots 1000m x .5m x .5m x .4m				
	(1000 augur holes manually or tractor driven wherever required as per site conditions)				
	Total Cost on advance work				91338.90
C.	PLANTATION				
1	Loading & unloading (plants)	1100	No.	0.38	426.75
2	Carriage of plants(average lead 10 km.)	1100	No.	1.91	2146.70
3	i) Planting	1000	No.	3.45	3526.88
	ii) Carriage of plants from site to site	1000	No.	0.12	117.56
	iii) Refilling of Pits	1000	No.	0.99	1011.04
4	Application of Gypsum	1000	No.	0.38	387.96
5	Application of FYM	1000	No.	0.38	387.96
6	Application of insecticides to Plants	1000	No.	0.38	387.96
7	Spot irrigation	1000	No.	2.86	2927.31
D.	MAINTENANCE				
1	Application of fertilizer (Twice)	2000	No.	0.38	775.91
2	Replacement of failure including reopening of slots 10%	100	No.	9.31	951.08
3	Weeding & hoeing 3 times	3000	No.	3.45	10580.65
4	Flow irrigation 10 times	10	Ha.	639.51	6534.61
5	Watch & ward one labourer for each 10 Ha. of Plantation				8528.00
6	Harrowing twice between line	2	Ha.	3197.57	6534.61

65
Divisional Forest Officer
Patiala Forest Division

36

Full Title of the Projects:- Diversion of 0.2564 ha of forest land permission for Laying of 300mm/ DI K9 transmission line (under PMIDC) water supply line (Essential Service) on NH-64 Rajpura- Patiala Bypass from Liberty Chowk to Vill: Islampur R/S Tehsil: Rajpura Distt: Patiala, under forest division Patiala, Punjab.

7	Clearnace of trenches,pasels & khals(twice)	6000	M	1.90	11638.71
8	Covering (50% Plants)	500	No.	2.86	1463.66
9	Un-covering	500	No.	0.31	158.71
E.	MATERIAL				
1	Insecticides	5	Lts.	614.90	3141.57
2	Fertilizers	100	Kg.	9.83	1003.99
3	Gypsum including carriage	50	Qtl.	209.06	10681.16
4	FYM	50	Qtl.	98.37	5025.81
		Total 1 Year			78338.57
FIRST MAINTENANCE OF PLANTATION					
A.	NURSERY				
	Nsy. cost including 20% failure	200	No.	13.68	2795.64
B	PLANTATION				
1	Loading/unloading of plants	200	No.	0.38	77.59
2	Carriage of plants	200	No.	1.91	390.31
3	Replanting including reopening of slots & carriage from site to site	200	No.	6.48	1323.76
4	Spot irrigation	200	No.	2.86	585.46
C.	MAINTENANCE				
1	Weeding & hoeing 3 times	3000	No.	3.45	10580.65
2	Flow irrigation 4 times	4	Ha.	639.51	2613.84
3	Application of fertilizer 3 times	3000	No.	0.38	1163.87
4	Harrowing twice between line	2	Ha.	3197.57	6534.61
5	Clearnace of trenches	3000	M	1.91	5854.62
6	Watch & Ward				8528.00
		Total II Year			40448.35
SECOND MAINTENANCE OF PLANTATION					
1	Flow irrigation	3	Ha.	639.51	1960.38
2	Weeding (Twice)	2000	No.	3.45	7053.76
3	Clearance of trenches,pasels & khals	3000	M	1.91	5854.62
4	Watch & Ward				8528.00
		Total III Year			23396.77
THIRD MAINTENANCE OF PLANTATION					
1	Flow irrigation (twice)	2	Ha.	639.51	1306.92
2	Watch & Ward				8528.00
					9834.92
FOURTH MAINTENANCE OF PLANTATION					
1	Flow irrigation (twice)	2	Ha.	639.51	1306.92
2	Watch & Ward				8528.00
					9834.92

37

Divisional Forest Officer,
Patiala Forest Division,
Patiala.

Divisional Forest Officer,
Patiala Forest Division,
Patiala.