

**SUPPLY AND INSTALLATION OF CHAIN LINK FENCE IN VALKARADU RESERVED FOREST, IN THENI RANGE, THENI FOEREST DIVISION**

**Detailed Estimate for 1 KM**

S.No	Description	Nos		L	B	D	Quantity	Unit
1	Earth work excavation and depositing onbank within initial lead and lift 10mts & 2mts respectively in hard stiff clay, stiff balck cotton, hard red earth, shalves, murams, gravel, stoney earth and earth mixed with small size boulders and gravelly soil-SS 20B							
	Fencing Post	1	370	0.50	0.50	0.50	46.25	
	For Cross Support	1	36	0.30	0.30	0.45	1.46	
							<b>47.71</b>	M <sup>3</sup>
2	Cement Concrete 1:3:6 (One Cement, Three sand and Six broken stone jelly) using 20mm size hard broken stone jelly for dummy columns, excluding cost of centering shuttering reinforcement grills and fabrication charges but including curing etc. complete. (Reinforced Cement Concrete 1:2:4 for slab to be extended upto top of splashing with pressed tiles and future extension rods to be embedded in CC 1:3:6 (One Cement, Three Sand and Six hard broken stone jelly). Dummy columns should be at least 1 metre height)							
	a) foundation and Basement							
	Fencing Post	1	370	0.45	0.45	0.50	37.46	
	For Cross Support	1	36	0.30	0.30	0.45	1.46	
							<b>38.92</b>	M <sup>3</sup>
3	Supplying, Delivery and Fabrication of MS Pipes 65mm and specials with following size including all the cost and conveyance of materials to site and all labour cahrges etc. complete as per standard specification.					kg/m		
	65 mm MS pipe post	1	370	2.20		7.9	6430.60	
	65 mm Ms pipe Cross Support	1	36	1.90		7.9	540.36	
	Clamp 25x25x5mm L-angle.hooks	1	406	0.60		1.8	438.48	
	Top Closing plate	1	370			0.05	18.50	
							<b>7427.94</b>	kg
4	Supplying, and fixing of chain link fencing of size 2" x 2" using 10 gauge galvanised iron wire including all the cost and conveyance of materials to site and all labour cahrges etc. complete as per standard specification.							
		1	1	1000.00		1.80	1800.00	
	Total						<b>1800.00</b>	M <sup>2</sup>
5	Supplying, and tiring of galvanised iron wire(10 gauge) for fencing support including all the cost and conveyance of materials to site and all labour cahrges etc. complete as per standard specification.					kg/m		
	Park Around	1	3	1000.00		0.08	246.00	kg

6	Painting one coat red acid and two coats with ready mixed approved paint over New steel surface including cost and conveyance all materials etc. complete, as per standard specification.							
	Post (cross support & post)	3.14	1	882.40		0.065	180.10	2



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**Abstract Estimate**

S. No	Qty		Description	PWD DATA No		Rate Per unit	Unit	Amount
1	47.71	M3	Earth work excavation and depositing onbank within initial lead and lift 10mts & 2mts respectively in hard stiff clay, stiff balck cotton, hard red earth, shalves, murams, gravel, stoney earth and earth mixed with small size boulders and gravelly soil-SS 20B	PWD SSR P.No 22 S.No 62		96.60	M3	4609
2	38.92	M3	Cement Concrete 1:3:6 (One Cement, Three sand and Six broken stone jelly) using 20mm size hard broken stone jelly for dummy columns, excluding cost of centering shuttering reinforcement grills and fabrication charges but including curing etc. complete. (Reinforced Cement Concrete 1:2:4 for slab to be extended upto top of splashing with pressed tiles and future extension rods to be embedded in CC 1:3:6 (One Cement, Three Sand and Six hard broken stone jelly). Dummy columns should be at least 1 metre height)	Data	1	4973.96	M3	193589
3	7427.94	kg	Supplying, Delivery and Fabrication of MS Pipes 65mm and specials with following size including all the cost and conveyance of materials to site and all labour cahrges etc. complete as per standard specification.	Data	2	104.00	kg	772506
4	1800.00	M2	Supplying, and fixing of chain link fencing of size 2" x 2" using 10 gauge galvanised iron wire including all the cost and conveyance of materials to site and all labour cahrges etc. complete as per standard specification.	Data	4	227.32	M2	409167
5	246.00	kg	Supplying, and tiring of galvanised iron wire(10 gauge) for fencing support including all the cost and conveyance of materials to site and all labour cahrges etc. complete as per standard specification.	PWD SSR S.No 122 P.No 49		61.50	kg	15129
6	180.10	m2	Painting one coat red acid and two coats with ready mixed approved paint over New steel surface including cost and conveyance all materials etc. complete, as per standard specification.	Data	5	126.21	m2	22730
				Sub Total				1417729
			G.S.T for 12% tax					170128
			Labour welfare Fund 1%					15879
			<b>Total Cost for 1 KM (2020-21)</b>					<b>1603735</b>
			<b>Add 10% Excalation</b>					<b>160374</b>
			<b>Total Cost for 1 KM (2021-22)</b>					<b>1764109</b>
			<b>Actual Cost for 4.96 KM</b>	4.96	km			<b>87,49,982.93</b>
			<b>Say</b>					<b>87,50,000.00</b>