

TAMILNADU FOREST DEPARTMENT

From **Tmt. C. Vidhya, I.F.S.,**
District Forest officer,
Theni Forest Division,
Theni.

To **The Assistant Divisional Engineer,**
Highways Department,
Construction and Maintenance
Subdivision,
Theni.

C. No. 7304/2013/D dated 23/12/2021

Sir,

Sub:- Forests – Forest (Conservation) Act, 1980 – Madurai Circle, Theni Forest Division – Proposal for diversion of 2.839 ha of forest land for the Improvement Work of Theni Bye-pass road connecting Dindigul – Theni road and Madurai – Cochin road across Valkaradu Reserved Forest – Additional Details - Regarding.

- Ref:-**
1. The Principal Chief Conservator of Forests, Chennai Ref. No. TS4/39100/2019 dated 04.10.2021
 2. GOI, Environment, Forests & Climate Change, Department, Chennai F.No.4-TNB068/ 2020-CHN/942 dated 04.10.2021
 3. Divisional Engineer, Highways, Construction and Maintenance, Theni, Letter No. DSR/2021/JD03 dated 10.11.2021 & 15.11.2021
 4. Assistant Divisional Engineer, Highways, Construction and Maintenance, Theni, Letter No. Nil dated 09.12.2021 received on 23.12.2021

With reference to the above subject and reference 2nd cited, Condition 'b' is to be fulfilled as follows,

Ref.	Condition	Remarks
B	As directed in the earlier inspection of Regional Office, Construction of wall all along the adjoining forest area opposite to bus stand shall be done.	A sketch showing the identified location of Earth Retaining Wall for a length of 500m is enclosed herewith. Hence the User Agency is requested to provide the Undertaking Certificate for Construction of Earth Retaining Wall at the Cost of User

		Agency.
B (Continued)	The state forest department shall identify vulnerable locations of people entry points into RF areas and propose cost estimate for construction of wall only in such location	A sketch showing the Identified vulnerable locations of people entry points into RF areas which needs to be fenced for a length of 4.96 km with cost estimate is enclosed herewith. Hence the User Agency is requested to provide the Undertaking Certificate for paying the estimated amount for supply and fixing the chain link fence.

This is for favour of kind information.

Encl: As above

Yours faithfully,
Sd/- C.Vidhya
District Forest Officer, Theni.

/t.c.b.o/

Superintendent

23/12/2021

A
23/12/2021

Ref.	Condition
B	As detailed in the earlier sketch showing the identified location of inspection of District Officer, Forest, Theni. Hence the User Agency is requested to provide the Undertaking Certificate for construction of Chain Linking Wall at the cost of User Agency.

Proposed Location for Construction of Earth Retaining Wall by the User Agency.



Legends

 Identified location for Construction of Earth Retaining wall (L=500m).

Vulnerable locations of people entry points into Valkaradu Reserved Forest Areas (Total 4.96 Km)



Legends :-

- Highly porous areas identified (Total Length = 1.50 km (1A) + 0.40 km (1B) + 0.20 km (1C) + 0.90 km (1D) = **3.00 km**)
- Moderate porous areas identified (Total Length = 0.96 km (2A) + 1.00 km (2B) = **1.96 km**)

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

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
			Total Cost for 1 KM (2020-21)				1603735
			Add 10% Excalation				160374
			Total Cost for 1 KM (2021-22)				1764109
			Actual Cost for 4.96 KM	4.96	km		87,49,982.93
			Say				87,50,000.00

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
						47.71	M ³
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
						38.92	M ³
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
						7427.94	kg
4	Supplying, and fixing of chain link fencing of size 2" x 2" using 10 gauge galvanized 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					1800.00	M ²
5	Supplying, and tiryng of galvanized 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 m ²