



**Tamil Nadu Police Housing Corporation Limited**  
**(A Government of Tamil Nadu Undertaking)**  
**(An ISO 9001: 2015 Certified Company)**  
**No. 132, E. V. R. Salai, Kilpauk, Chennai – 600 010**



**Lr. No. CE/Plg/5246/2018**

**Dated: 27.10.2023**

To

The Assistant Director,  
Ex-Servicemen's Welfare,  
Vellore – 632 001.

Sir,

**Sub:** TNPHC Ltd – HO – Plg – Providing Permanent Fencing arrangements around the Ex-servicemen's Welfare Land (Old age home) at Apdullapuram in Vellore District - Estimate proposal and willingness – Furnished – Approval requested - Regarding.

**Ref:** The Assistant Director/Ex-servicemen Welfare office, Vellore,  
Lr. No.383/2022-6, Dated: 12.07.2023 & 24.08.2023.

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The Assistant Director/Ex-servicemen Welfare office, has requested to furnish the estimate proposal for Providing Permanent Fencing arrangements around the Ex-servicemen's Welfare Land (Old age home) at Apdullapuram in Vellore District.

2. Accordingly, the estimate is prepared based on the PWD SR 2023-24 rates. The estimate value works out to ₹ **36,45,600/-** including GST @ 18%, Labour Welfare Fund at 1%, Contingencies @ 2.5%, Supervision charges @ 7.5% and overhead charges.

3. It is informed that the Tamil Nadu Police Housing Corporation is willing to execute the work with the supervision charges @ 7.5%.

4. The total estimate value shall be deposited to the TNPHC before commencement of the work.

5. The payment shall be released in the form of crossed Cheque or Demand Draft in favour of "Tamil Nadu Police Housing Corporation Limited".

6. Hence, it is requested that your acceptance may be communicated to us for taking further necessary action in this regard.

**Encl:** As above.

  
27/6/24  
**Chief Engineer**  


**TAMIL NADU POLICE HOUSING CORPORATION LTD.**

Name of Work: Providing Permanent Fencing arrangements around the Ex-Servicemen's Welfare Land  
(Old age Home) at Apdullapuram in Vellore District.

**ABSTRACT ESTIMATE**

Sl.No	Qty	Description	Rate	Unit	Amount
1	1.60	Dismantling the existing Brick masonry wall in cement mortar and stacking the desegregated unwanted materials neatly at site of work. a.) Brick walls under 3.00 m high <b>PWD SR 2023-2024 P.22</b>	210.00	Cum	336.00
2		Earth work excavation for foundation in all soils and sub soils to the required depth as may be directed expect in hard rock. (Including refilling)			
	44.70	a.) 0 to 2.00 metre depth	237.08	Cum	10597.48
3		Earth work excavation for Open Foundation in all soils and sub soils to the required depth as may be directed except in hard rock requiring blasting, inclusive of shoring, strutting and bailing out water wherever necessary (Excluding refilling the sides of foundation) etc., complete in all respects complying with relevant standard specifications. (Excluding Refilling)			
	127.40	a.) 0 to 2.00 metre depth	112.05	Cum	14275.17
4	33.50	Plain Cement Concrete 1:5:10 for foundation using 40mm guage hard broken stone jelly inclusive of shoring, structing and bailing water wherever necessary ramming, curing etc., complete in all respects complying with relevant standard specifications and as directed by the departmental officers.	4711.85	Cum	157846.98
5	137.80	Plain cement concrete 1:3:6 for foundation and basement using 20mm gauge hard broken stone jelly inclusive of shoring, strutting and bailing out water wherever necessary ramming, curing etc., complete in all respects complying with relevant standard specifications and as directed by the departmental officers.	5610.98	Cum	773193.04
6	26.40	Cement Concrete 1:2:4 (One of cement, two of sand and four of Hard broken stone jelly) for all RCC works namely TEE, ELL or rectangular beams, lintel, parapet cum drops, waist and landing slab, canophy, circular column, fin projections, sunshades, window boxing slab, slab and other similar works using 20mm gauge hard broken stone jelly excluding the cost and fabrication of reinfor- cement grills, shuttering and centering but including vibrating, laying, curing, finishing etc., complying with relevant standard specifications in the following floors.	6263.3	Cum	165351.12

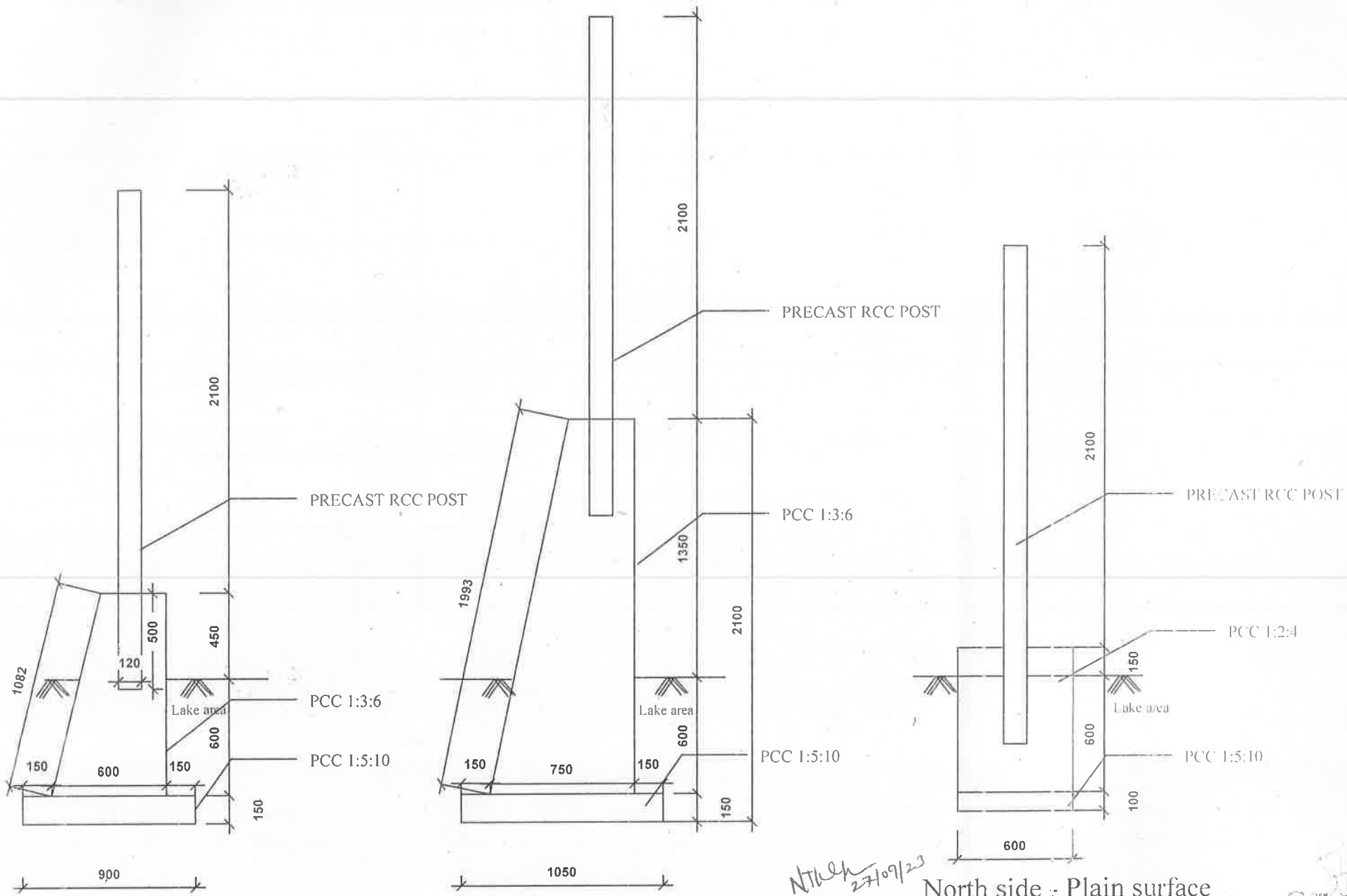
Sl.No	Qty	Description	Rate	Unit	Amount
7	5.10	Brick work in C.M. 1:5 using Kiln Burnt Country bricks of size 22 x 11 x 7 cm (8 3/4" x 4 1/4" x 2 3/4") in foundation and basement including dewatering wherever necessary proper setting, curing etc., complete with relevant standard specification.	6566.65	Cum	33489.92
8		Providing Form work and centering for reinforced cement concrete works including supports and strutting up to 3.30m height for plane surfaces as detailed below			
	179.20	a) Column footings, Plinth beam, Grade beam, Raft beam etc.	848.08	Sqm	151975.94
	547.60	d) For Vertical walls	1041.28	Sqm	570204.93
9	201.00	Precasting and Moulding RCC Fencing post of size 12cmx12cmx2.60m using Cement Concrete 1:2:4, using 20mm HBSJ excluding the cost and fabrication of reinforcement grills but including precasting, moulding, curing, finishing and fixing in position etc complete.	523.13	Each	105149.13
10	0.753	Supplying, fabricating and placing in position of Mild steel Grills/Ribbed Tor Steels for reinforcement for all floors including cost of binding wire, bending, tying etc., all complete and as directed by the departmental officers for all sizes.	88873.50	MT	66921.75
11	10686.00	Supply and fixing of 2 ply 10 gauge barbed wire fencing of best and approved quality including cost og GI Binding wire and labour charges for tying the barbed wire with fencing post in position etc all complete and as dircted by the departmental officers.	36.64	Rmt	391535.04
12	298.00	Supplying and fixing Mild Steel as per the design approved to verandah enclosure of gate including one coat of primer and labour for fixing in position etc., complete.	70.15	Kg	20904.70
13	15.00	Painting the new iron work and other similar works such as PVC/ASTM pipes, kerb stones and grills with two coats of approved first class synthetic enamel ready mixed paint of approved quality and brand the paint should be supplied by the contractor at his own cost.	138.35	Sqm	2075.25
14	138.00	Plastering with C.M. 1:5, 12 mm thick finished with neat cement including providing band cornice, ceiling cornice, curing, scaffolding etc., complete in all respects and complying with relevant standard	251.21	Sqm	34666.98
15	328.00	Painting two coats with ready mixed PLASTIC EMULSION PAINT of first class quality paint of approved colour and shade over a priming coat on cement plastered / concrete wall surfaces or other similar works, including cost of necessary brushes, labour charges, patty etc., complying with relevant standard specification. The paint should be supplied by the contractors at his own cost.	232.98	Sqm	76417.44

Sl.No	Qty	Description	Rate	Unit	Amount
16	1071.00	Painting two coats with ready mixed PLASTIC EMULSION PAINT of first class quality paint of approved colour and shade over Old walls, including cost of necessary brushes, labour charges, etc., complying with relevant standard specification. The paint should be supplied by the contractors at his own cost.	166.72	Sqm	178557.12
17	4.90	Supplying and fixing of 20mm thick bituminous expansion joint filler pad of approved quality and make inclusive of conveyance charges, cutting the pad to the required size, cost of materials and labour charges for fixing in position wherever necessary for all floors etc., complete and as directed by the departmental officers.	719.00	Sqm	3523.10
18	73.00	Removing the Fencing post & barbed Wire to the existing scheme area including labour charges, tools and plants etc., complete.	155.00	Each	11315.00
19	24.00	Hire charges for deploying earth moving machinery (JCB/Poclain) for earthwork including diesel, oil and labour charges etc., complete. TWAD SR 2022-2023 P.322	784.00	Hour	18816.00
		<b>SUB-TOTAL- I</b>			<b>2787152.07</b>
20	LS	GST @ 18%	LS		501687.37
		<b>SUB-TOTAL-II</b>			<b>3288839.44</b>
21	LS	Labour Welfare fund @ 1%	LS		27871.52
22	LS	Unforeseen, Contingencies & Petty supervision charges @ 2.50%	LS		82220.99
23	LS	Supervision Charges @ 7.5%	LS		209036.41
24	LS	GST @ 18% for Supervision Charges @7.5%	LS		37626.55
		<b>TOTAL</b>		Rs.	<b>3645594.91</b>
		<b>SAY</b>		Rs.	<b>3645600.00</b>

Chief Engineer

28/11/24

# FENCING DETAILS



North/side - Higher Level

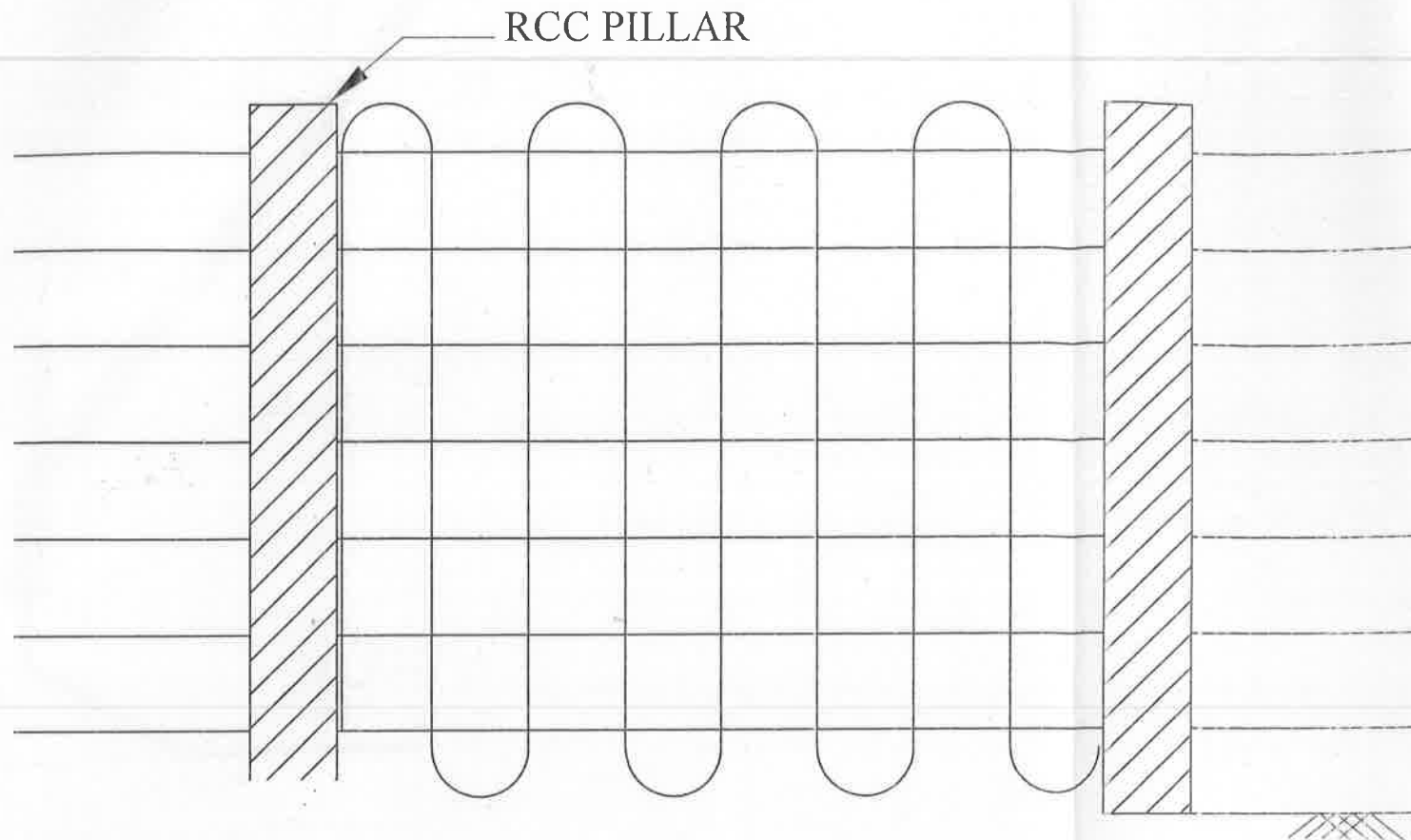
### North side - Lower Level

North side - Plain surface

Assistant Director of  
Ex-Servicemen's Welfare.

Executive Engineer  
TNPCC / Salem-2.

# BARBED WIRE FENCING



RCC PILLAR

2.40

15/9/23  
on

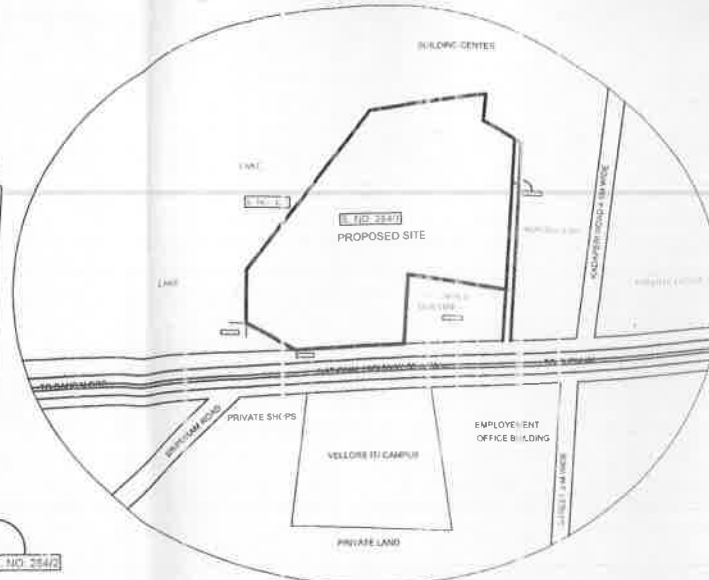
15/9/23  
AE/PLG

NTW  
27/09/23  
AE/plg

Assistant Director of  
Ex-Servicemen's Welfare,  
Vellore - 632 001.

Executive Engineer  
TNPSC / Salem-2.

2/NO



NTC/140712  
AE/PLG

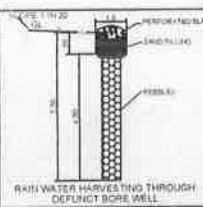
SE/AC

PROPOSED FENCING PUT WITH  
→ BARBED WIRE OVER PCC 136  
RETAINING WALL.

EXISTING BRICK WORK CONDITION



☒ PROPOSED FENCING POST WITH BARBED WIRE

/ TENTATIVE LAYOUT /



PROPOSED ☐ EXTG ☒ SITE ☐ ROAD ☐

Assistant Director of  
Ex-Sar Cement's Welfare  
Vellore - 632 001

ENGINEER		ASSIST. ARCHITECT		ASSIST. ARCH. SEC. 1		EE (PA TO SEC. 1)	
EXEC. ENGINEER (PLG.)		SUPDT. ENGINEER (CG)		CHIEF ENGINEER			
N 	1,700 Scale			SILAMANG POLICE HALLING CORPORATION LIMITED 432 1/88 SALAY KAPITAN, CHEROKEE, JOSEPH			
Org. No.							