

**Abstract Estimate for the Construction of New Urban Police Station Building with development works for Avinashipalayam Police Station in Tiruppur District.**

Abstract Estimate					
SNO	QTY	DESCRIPTION OF WORK	RATE	UNITS	AMOUNT
1		Earth work excavation for foundation in all soils and sub-soils to the required depth as may be directed except in hard rock requiring blasting but inclusive of shoring, strutting, and bailing out water wherever necessary and refilling			
	37.71	a) 0 to 2m depth.	237.08	Cum	8940.29
2	6.60	CC 1:5:10 (One of cement, five of Crushed Stone Sand and ten of hard broken stone Jelly) for foundation using 40 mm gauge broken stone jelly inclusive of shoring, strutting and bailing out	4799.32	Cum	31675.51
3		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 with all cross bracings using mild steel sheets of			0.00
	63.60	a. For Column footings,plinth beam,Grade beam, Raftbeam,Raft slab etc.,	848.08	SQM	53937.89
	37.70	c. For Square and rectangular columns and small quantities	1135.94	SQM	42824.94
4		Providing and laying in position, Standardized Concrete Mix M-20 Grade in accordance with IS: 456-2000, using 20mm and down graded hard broken stone jelly for all RCC items of works with minimum cement content of 325 Kg/m <sup>3</sup> and maximum water			0.00
	10.98	a) Foundation and Basement	7869.53	Cum	86407.44
	1.04	a) Ground Floor	7989.38	Cum	8308.96
5	2.12	Brick work in cm 1:5 (One of cement and five of M.Sand) using Fly ash bricks of size 23x11x7 cm in foundation and basement including dewatering wherever necessary proper setting, curing etc., complete with relevant standard specifications.	6927.21	Cum	14685.69
6		Brick work in Cement Mortar 1:6 (One of cement and six of M.Sand) using fly ash bricks of size 23x11x7cm for super structure in the following floors including labour for			0.00
	4.820	(a) In Ground Floor	6933.63	Cum	33420.10
7		Brick partition wall in Cement Mortar 1:4 (One of cement and four of M.Sand) 114mm thick for super structure in the following floors using Fly ash bricks of size 23x11x7cm including labour for fixing the doors, windows and ventilator frames in position, fixing of hold fasts,			
	103.50	a) in Ground floor	882.54	Sqm	91342.89
8	352.34	Plastering with cm 1:5 (One of cement and five of sand) 12mm thick finished with neat cement including providing band cornice, ceiling cornice, curing, scaffolding, etc., complete in all respects and complying with relevant standard specifications.	249.78	Sqm	88007.49



9		Plastering in cm 1:5 (One of cement and five of Crushed Stone Sand) 12mm thick for border finish in all floors for elevation purposes, including scaffolding, curing, finishing etc., all complete.			
	76.80	b) 75mm thick Border	52.30	Rmt	4016.64
10	1.082	Fabrication of Mild steel / RTS grills (without cement slurry) for all sizes of rods.	88873.50	Mt	96161.13
11	567.00	Supplying and fixing Mild Steel grills as per the design approved to verandah enclosure or gate including one coat of primer and labour for fixing in position etc. all complete	70.15	Kg	39775.05
12	16.20	Painting new iron works such as steel doors, windows, ventilators, window bars, balustrades etc., with two coats of best approved first quality and colour of synthetic enamel paint over the existing red oxide priming coat in all floors excluding cost of	138.35	Sqm	2241.27
13	352.34	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	231.43	Sqm	81542.05
			SUB TOTAL -I		683287.34
			GST@18%		122991.72
			SUB TOTAL -II		806279.06
		Labour Welfare fund @ 1.0%	As pr PWD Norms		6832.87
		Supervision Charges @ 5%	As pr PWD Norms		40313.95
			Total		853425.88

Say 854000.00 Lak

S. R. S. S.  
07/06/2023  
JE/TPK

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07/06/23  
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