



## **ABSTRACT**

Forensic Sciences Department - Announcements made on the floor of the Legislative Assembly during the year 2020-2021 - Up-gradation of the Main Laboratory in Chennai as Centre of Excellence in Forensic Science on par with International Standards - Administrative sanction- Orders - Issued.

## **HOME (POLICE-XVIII) DEPARTMENT**

**G.O.(Ms) No.528**

**Dated:24.11.2021**

**பிலை, கார்த்திகை-8,  
திருவள்ளூர் ஆண்டு 2052.**

### **Read:**

From the Director(i/c), Forensic Sciences Department,  
Chennai letter No.A1/33097/2020, dated:27.10.2020,  
31.12.2020 and 14.09.2021

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### **ORDER:-**

On the floor of the Legislative Assembly during the Budget Session for the year 2020-2021 in respect of the Forensic Sciences Department, among other things, the then Hon'ble Chief Minister, has made the following announcement:

“ரூ.13,43,00,000/- செலவில் சென்னையில் உள்ள தடய அறிவியல் துறை பிரதான ஆய்வகத்தை சர்வதேச தரத்திற்கு இணையாக தடய அறிவியல் சீர்மிகு மையமாக மேம்படுத்துதல்”.

2. Pursuant to the above announcement, the Director(i/c), Forensic Sciences Department, Chennai in his letter read above, has sent proposal for a sum of Rs.9,69,07,500/- towards up-gradation of the Main Laboratory in Chennai as Centre of Excellence in Forensic Science on par with International Standards, in order to get NABL accreditation as details below:-

<b>Sl. No</b>	<b>Description of the work</b>	<b>Amount (in Rs.)</b>
1.	Improving infrastructure facilities in 14 analytical divisions situated within the Directorate Campus, Mylapore, Chennai	8,84,26,000
2.	Providing interlocking tiles (Paver block), Lawn and Garden	80,34,400
3.	Supply and replacing of defective 11KV Transformer	4,47,100
<b>Total</b>		<b>9,69,07,500</b>

3. The Government have examined the proposal of the Director(i/c), Forensic Sciences Department in detail and decided to accept the proposal for a sum of Rs.8,45,28,800/- with certain restrictions. Approved cost of estimates is annexed to this order.

4. Accordingly, the Government accord administrative sanction for a sum of Rs.8,45,28,800/- [Rupees eight crore forty five lakh twenty eight thousand and eight hundred only] towards up-gradation of the Main Laboratory in Chennai as Centre of Excellence in Forensic Science on par with International Standards.

5. The Government direct that the work of construction shall be entrusted to the Tamil Nadu Police housing Corporation Limited. The Chairman and Managing Director, Tamil Nadu Police Housing Corporation Limited, is directed to ensure that the construction work is completed within the sanctioned amount or tendered value of work whichever is less. The Director(i/c), Forensic Sciences Department is also directed to send necessary proposals to Government along with detailed estimates for approved cost estimates for according financial sanction.

6. This orders issues with the concurrence of the Finance Department vide its U.O. No. 46526/Home-I/2021, dated: 19.11.2021.

(By order of the Governor)

**S.K. PRABAKAR**  
**ADDITIONAL CHIEF SECRETARY TO GOVERNMENT**

To

The Director (i/c), Forensic Sciences Department, Chennai-4.

The Chief Engineer, Tamil Nadu Police Housing Corporation Limited,  
Chennai-10.

The Principal Accountant-General(Accounts and Entitlements),  
Chennai-18.

The Principal Accountant-General (Civil Audit), Chennai-18.

The Pay and Accounts Officer, Egmore, Chennai-8.

Copy to:-

The Finance (Home-I) Department, Chennai-9.

The Hon'ble Chief Minister's Office, Secretariat, Chennai-9.

The Private Secretary to Additional Chief Secretary to Government,  
Home, Prohibition and Excise Department, Chennai-9.

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Section Officer

*Hej*

26.11.2021

<b>Annexure</b>			
<b>(vide G.O.(Ms)No.528, Home(Pol-XVIII)Department,dated:24.11.2021)</b>			
<b>General Abstract</b>			
<b>Name of work:</b> Improving infrastructure facilities in all analytical divisions for Forensic Science Lab building situated within the Directorate of Forensic Science Campus, Mylapore in Chennai City			
<b>Sl. No</b>	<b>Name of Work</b>	<b>Details of description of item listed at:</b>	<b>Amount (in Rs.)</b>
I.	Improving infrastructure facility in all analytical division for New building situated within the Directorate of Forensic Science Campus, Mylapore in Chennai city.	Abstract-I	54602703.00
II.	Improving infrastructure facility in all analytical division for Old building situated within the Directorate of Forensic Science Campus, Mylapore in Chennai city.	Abstract-II	4533334.00
III.	Improving infrastructure facility in all analytical division for Library building situated within the Directorate of Forensic Science Campus, Mylapore in Chennai city.	Abstract-III	11828456.00
	Sub total -I		70964493.00
	Labour welfare fund@1%	LS	709644.93
	Supervision charges @ 5%		3548224.60
	Unforeseen item and petty Supervision charges @ 1%	LS	709644.93
	Sub total -II		75932007.46
	Provision for EB deposit and EB service connections	LS	360000.00
	Total		76292007.46 (or) 76293000.00
IV.	Providing interlocking tiles (paver Block) using 63mm thick and two wheeler shed arrangements inside the campus of Forensic Sciences Department at Mylapore in Chennai City	Abstract-IV	5983000.00

V.	Providing Lawn and Garden for landscaping for open space in the campus of Forensic Sciences Department at Mylapore in Chennai City	Abstract-V	1818700.00
VI.	Supply and replacing of defective and damaged primary side copper winding for 250 KVA, 11 KV Transformer I along with allied work at Forensic Sciences Department at Mylapore in Chennai City	Abstract-VI	434100.00
	Sub total		8235800.00
	<b>Grand Total (Abstract I+II+III+IV+V+VI)</b>		<b>84528800.00</b>

**(vide G.O.(Ms).No.528, Home(Pol-XVIII)Department,dated:24.11.2021)**

**ABSTRACT -I**

Name of work: Improving infrastructure facility in all analytical division for New building situated within the Directorate of Forensic Science Campus, Mylapore in Chennai City.

Sl. No	Qty.	Description of Item	Rate	Unit	Amount (in Rs.)
1.	24341.00	Painting the old walls two coats with 1 <sup>st</sup> class ready mixed plastic emulsion paint including scrapping etc	146.00	Sqm	3553786.00
2.	868.00	Painting the old wood work with two coats of approved Ist class synthetic enamel paint including scrapping	142.00	Sqm	123256.00
3.	1093.00	Painting the old iron work with two coats of ready mixed first class synthetic enamel paint including scrapping	124.00	Sqm	135532.00
4.	500.00	Dismantling the damaged pressed tiles SR20-21 17.40*10%	19.14	Sqm	9570.00
5.	500.00	Finishing top of roof with one course of Hydraulic Pressed Tiles of approved superior quality of size 23cm x 23cm x 20mm thick.	1053.85	Sqm	526925.00
6.	128.00	Pointing the Pressed Tiles over the roof	266.20	Sqm	34073.60
7.		Supply and delivery of following Electric Ceiling fan with ISI mark			
	48.00	a) 48" Electric fan 1200mm sweep	1284.00	Each	61632.00
8.	48.00	Charges for assembling and fixing of ceiling fan of different sweep.	467.00	Each	22416.00
9.	48.00	Supply and fixing of 300mm dia AC Exhaust fan SD-114	1919.00	Each	92112.00
10.	60.00	Supplying and fixing of 4' 18W LED crystal tube light fitting	635.00	Each	38100.00
11.	40.00	5 amps 5 pin plug socket point at convenient places.	932.00	Each	37280.00

12.		Supplying, laying, fixing and jointing the following PVC pipes as per ASTM D - 1785 of schedule 40 of wall thickness not less than the specified in IS 4985 suitable for plumbing			
	400.00	a) 25mm dia Astm D schedule 40 threaded PVC pipe with necessary PVC/GI specials	205.54	Rmt	82216.00
	350.00	b) 20mm dia Astm D schedule 40 threaded PVC pipe with necessary PVC/GI specials	200.75	Rmt	70262.50
	220.00	c) 32mm dia Astm D schedule 40 threaded PVC pipe with necessary PVC/GI specials	222.30	Rmt	48906.00
13.	43.00	Supply and fixing of porcelain wash basin (Other than white colour) without pedestal of size 22'x16' including cost of materials and labour charges etc all complete	3621.82	Each	155738.26
14.	10.00	Supply and fixing of SFRC Manhole cover slab of size 0.60x0.60mt	2650.00	Each	26500.00
15.	21.00	Supplying and fixing of EWC superior variety (Other than white colour)	6800.25	Each	142805.25
16.	118.00	Supplying and fixing of Polymer Engineering long body tap	229.00	Each	27022.00
17.		Supplying and fixing the following dia PVC (SWR) pipe with ISI mark confirming to IS 13952:1992- type 'B' for soil line with relevant specials.			
	120.00	a) 110mm dia PVC SWR pipe	641.90	Rmt	77028.00
	135.00	b) 75mm dia PVC SWR pipe	529.10	Rmt	71428.50
18.	4.00	Brick work in cement mortar 1:5 (One of cement and five of sand) using Chamber burnt bricks of size 9"x4 1/2"x3" (23x11.4x7.5cm) for foundation and basement.	5879.44	Cum	23517.76
19.		Brick work in cement mortar 1:6 (One of cement and six of sand) using Chamber burnt bricks of size 9"x4 1/2"x3" (23x11.4x7.5cm) for super structure.			
	2.80	a) Ground floor	5888.88	Cum	16488.86

	1.00	b) First floor	6020.11	Cum	6020.11
	4.00	c) Second floor	6151.34	Cum	24605.36
	1.50	d) Third floor	6282.57	Cum	9423.86
20.	120.00	Plastering with CM 1:5 (one of cement and five of sand) 12mm thick.	207.35	Sqm	24882.00
21.	16.50	Supplying and fixing of best Indian teak wood panelled door shutter single leaf (a) Door size 0.90 x 2.10 mt	4730.74	Sqm	78057.21
22.	24.00	Supply, delivery and fixing of white porcelain sink of size 600x450x200mm.	2105.00	Each	50520.00
23.	120.00	Supplying and fixing of 110mm dia PVC SWR pipe with ISI mark confirming to IS 13952:1992- type 'A' for Rain water down fall pipe.	321.14	Rmt	38536.80
24.		Providing two legged scaffolding using 15 cm diameter casurina props of best quality bamboo posts of 4m overall length.			
	160.00	(a) Up to 13.00mt height	1511.24	Rmt	241798.40
	146.00	(a) Upto 3.00mt height	312.28	Rmt	45592.88
25.	6400.00	Supplying and fixing Mild steel grills as per the design approved to verandah enclosure or gate.	54.50	Kg	348800.00
26.	90.00	Supplying, laying, fixing and jointing 32mm dia MS pipe suitable for gas supply.	550.00	Rmt	49500.00
27.	3599.00	Providing and fixing in position of 10mm thick Hilux board false ceiling using G.I perimeter channel of size 0.55mm thick.	954.00	Sqm	3433446.00
28.	434.00	Labour charges for removing the existing aluminium window shutter.	115.17	Sqm	49983.78
29.	6444.00	Dismantling the damaged wall tiles or floor tiles.	45.76	Sqm	294877.44
30.	940.00	Supply and laying of Colour matt finish floor tiles anti skid	1240.61	Sqm	1166173.40

31.	1304.00	Supply and fixing of Colour matt finish wall tiles	1514.06	Sqm	1974334.24
32.	176.00	Labour charges for removing and refixing the door shutter.	303.60	Sqm	53433.60
33.	242.00	Plastering with CM 1:3 (one of cement and three of sand) 20mm thick.	441.12	Sqm	106751.04
34.	213.10	Painting the new Iron work and other similar works such as PVC /ASTM Pipes, Kerb Stone and grills with two coats of approved first class synthetic enamel ready mixed paint.	124.12	Sqm	26449.97
35.	2330.00	Supply and laying of Synthetic grey granite for flooring of 20mm thick	2136.44	Sqm	4977905.20
36.	1870.00	Supplying and fixing of stain free nano polish Vitrified Tiles of size 600 x 600 x 8mm for flooring	1305.41	Sqm	2441116.70
37.	14.00	Supply and fixing of 700 litres PVC water tank	6020.00	Each	84280.00
38.	32.00	Supply and fixing of 3000 litres PVC water tank	25800.00	Each	825600.00
39.	6.00	Supply and fixing of IWC 580 x 440mm (Ground floor)	2968.56	Each	17811.36
40.	18.00	Supply and fixing of IWC 580 x 440mm (Other than ground floor)	4655.29	Each	83795.22
41.	12.00	Supply and fixing of Flat black urinal	1988.15	Each	23857.80
42.	554.00	Supply and fixing of UPVC Window	6363.00	Sqm	3525102.00
43.	118.00	Supply and fixing of UPVC Ventilator	6893.00	Sqm	813374.00
44.	40.00	Supply and installation and testing of the following Biometric & Card based access control system of approved make including cost of materials, labour charges for installation, and transport charges etc all complete and as directed by the departmental officers (Brand: Spectra or Equivalent) (qtn)	25000.00	Each	1000000.00
45.	189.00	Supply and fixing of water proof sliding doors of the cupboards available in each of the divisions (qtn)	9472.32	Sqm	1790268.48



46.	123.00	Supply and fixing of Zebra blinds (qtn)	2260.44	Sqm	278034.12
47.	1.00	Supply, installation, testing and commissioning of 500 KVA Diesel Generator set complete with all accessories	2632000	Each	2632000.00
48.	1.00	AMF PANEL: The Control panel shall be made of 14 & 16 SWG sheet steel mounted on a channel frame, floor mounting, free standing, dust proof, cubical type front operated etc	455000.00	Each	455000.00
49.	1.00	500KVA, 11KV / 433V Outdoor oil cooled transformer with off circuit (As per IS 1180-Level 2)	1145000	Each	1145000.00
50.	326.00	Supply and fixing of LED 4000k 2" x 2" Square type recessed fittings.	2709.00	Each	883134.00
51.	110.00	Supply and fixing of 18W LED 3000K round type recessed fittings.	1205.00	Each	132550.00
52.	35.00	Supply and fixing of Lab work table including cupboard shutter (qtn) 7.0*1.50*0.75m size fire fighting arrangements	50000.00	Each	1750000.00
53.		Wrapping and coating anti corrosive treatment under ground MS pipe			
	350.00	a) 100mm dia	353.00	Rmt	123550.00
	350.00	b) 80mm dia	252.00	Rmt	88200.00
54.	12.00	Supply, erection, testing and commissioning of 80mm dia heavy duty foot valve	13130.00	Each	157560.00
55.	4.00	Supply, erection, testing and commissioning of cast iron body and gun metal	10605.00	Each	42420.00
56.		Supply and laying of following sizes of armoured aluminium cables for electrical motor and control panel etc			
	85.00	a) 3 core 95Sqmm armoured aluminium cable	505.00	Rmt	42925.00
	265.00	b) 4 core 16Sqmm armoured aluminium cable	217.00	Rmt	57505.00
	265.00	c) 4 core 10Sqmm armoured aluminium cable	176.70	Rmt	46825.50
	180.00	d) 2 core 1.5Sqmm armoured multi strand aluminium cable	136.30	Rmt	24534.00

	840.00	e) 3 core 10Sqmm armoured aluminium cable	176.70	Rmt	148428.00
	840.00	f) 10 core 2.5Sqmm armoured aluminium cable	398.90	Rmt	335076.00
	2440.00	g) 2 core 2.5Sqmm armoured aluminium cable	156.50	Rmt	381860.00
57.	1.00	Supply, installation, testing and commissioning of Micro processor based conventional 12 zone fire alarm control panel	77700.00	Each	77700.00
58.	1.00	Supply, installation, testing and commissioning of Micro processor based conventional 4 zone fire alarm control panel	45400.00	Each	45400.00
59.	340.00	Supply, installation, testing and commissioning of Conventional smoke detector	2120.00	Each	720800.00
60.	48.00	Supply, installation, testing and commissioning of Manual call point	1615.00	Rmt	77520.00
61.	32.00	Supply, installation, testing and commissioning of Electronic hooter	1565.00	Each	50080.00
62.	5850.00	Supply and laying of FRLS PVC insulated 2 core 1.5 Sq.mm armoured copper cable	101.00	Each	590850.00
63.	35.00	Supply and fixing of water CO2 Stored pressure type 9litres capacity fire extinguisher	6060.00	Each	212100.00
64.	1.00	Supply, erection, testing and commissioning of Fire fighting application Mono block motor pump set of 1100LPM	221000.00	Each	221000.00
65.	1.00	Supply, erection, testing and commissioning of Fire fighting electrical control panel	79280.00	Each	79280.00
66.		Wrapping and coating anti corrosive treatment under ground MS pipe			0.00
	280.00	a) 200mm pipe	454.00	Rmt	127120.00
	280.00	b) 150mm pipe	404.00	Rmt	113120.00
67.	1.00	Supply, erection, testing and commissioning of Fire fighting application horizontal centrifugal type pump set	409000.00	Each	409000.00

68.	28.00	Supply of Fire fighting application MS hose box	7726.00	Each	216328.00
69.	1200.00	Supply and fixing nominal bore quartzed bulb type	454.00	Each	544800.00
		Sub total - I			41192592.20
70.	LS	GST @12%	LS		4943111.06
		Sub total - II			46135703.27
71.	LS	Provision for Electrical accessories for 500KVA Genset	LS		300000.00
72.	LS	Provision for providing Shed and concrete bed arrangements for Generator	LS		207000.00
73.	LS	Provision for Two Wheeler shed	LS		900000.00
74.	LS	Provision for Transformer accessories	LS		780000.00
75.	LS	Provision for Mini Conference hall with Video Conferencing hall	LS		1200000.00
76.	LS	Provision for Check in desk with chandelier	LS		300000.00
77.	LS	Provision for Internal electrical arrangements	LS		600000.00
78.	LS	Provision for Centralized Air Conditioner	LS		3600000.00
79.	LS	Provision for Fire Sump arrangements	LS		400000.00
80.	LS	Provision for Bore well arrangements	LS		180000.00
		Sub total- III			54602703.27

**(vide G.O.(Ms).No.528, Home(Pol-XVIII)Department, dated:24.11.2021)****ABSTRACT-II**

Name of work: Improving infrastructure facility in all analytical division for Old building situated within the Directorate of Forensic Science Campus, Mylapore in Chennai City.

Sl. No	Qty.	Description of Item	Rate	Unit	Amount (in Rs.)
1.	1288.00	Providing and fixing in position of 10mm thick Hiluxboard false ceiling using G.I perimeter channel of size 0.55mm thick. SR20-21	954.00	Sqm	1228752.00
2.	1288.00	Supplying and fixing of stain free nano polish Vitrified Tiles of size 600x600x8mm for flooring (Data20-21)	1305.41	Sqm	1681368.08
3.	4.00	Supply and fixing of Lab work table including cupboard shutter (QTN)	50000.00	Each	200000.00
		Sub total - I			3110120.08
4.	LS	GST @12%	LS		373214.41
		Sub total - II			3483334.49
5.	LS	Provision for Cubical partition arrangements for administrative wings	LS		510000.00
6.	LS	Provision for Garden lighting arrangements	LS		240000.00
7.	LS	Provision for Internal electrical arrangements	LS		300000.00
		Sub total - III			4533334.49

<b>(vide G.O.(Ms).No.528, Home(Pol-XVIII)Department, dated:24.11.2021)</b>					
<b>ABSTRACT -III</b>					
Name of work: Improving infrastructure facility in all analytical division for Library building situated within the Directorate of Forensic Science Campus, Mylapore in Chennai city.					
Sl. No	Qty.	Description of Work	Rate	Per	Amount (in Rs.)
1.	810.00	Dismantling the damaged wall tiles or floor tiles SR 20 - 21	45.76	Sqm	37065.00
2.	2.00	Labour charges for removing the existing ceiling fans, tube light fittings from the existing structure and stacking the same carefully for reuse (qtn)	2500.00	Job	5000.00
3.	810.00	Supplying and fixing of stain free nano polish vitrified Tiles of size 600x600x8mm for flooring	1305.41	Sqm	1057382.10
4.	2100.00	Supplying and fixing Mild steel grills as per the design approved to verandah enclosure or gate.	54.50	Kg	114450.00
5.		Providing two legged scaffolding using 15 cm diameter casurina props of best quality bamboo posts of 4m overall length			
	81.00	(a) Up to 3.00mt height	312.28	Rmt	25294.60
	76.00	b) Up to 13.00mt height	1511.24	Rmt	114854.24
6.	92.00	Painting the old wood work with two coats of approved Ist class synthetic enamel paint including scrapping	142.00	Sqm	13064.00
7.	4000.00	Painting the old walls two coats with 1st class ready mixed plastic emulsion paint including scrapping	146.00	Sqm	584000.00
8.	72.00	Painting the new Iron work and other similar works such as PVC /ASTM Pipes, Kerb Stone and grills with two coats of approved first class synthetic enamel ready mixed paint	124.00	Sqm	8928.00
9.		Brick work in cement mortar 1:6 (One of cement and six of sand) using Chamber burnt bricks of size 9"x4 1/2"X3" (23x11.4x7.5cm) for super structure.			
	3.00	(a) Ground floor	5888.88	Cum	17666.64

10.	90.00	Supply and fixing of LED 4000k 2" x2" Square type recessed fittings including cost of material, labour charges etc; all complete	2709.00	Each	243810.00
11.	44.00	Supplying and fixing of Conference Table made up of 25mm thick Particle board (qtn)	6000.00	Each	264000.00
12.	88.00	Chair 18 mm round 18 gauge frame for the seat and back. 25 mm round 18 gauge MS pipe frame (qtn).	4000.00	Each	352000.00
13.	1.00	Supplying and fixing of wooden podium work using of material 19mm thick ISI water proof plywood (qtn)	40000.00	Each	40000.00
14.	173.00	Supply & installation of Anutone Salon Slats Diffuse made of pinewood E1 grade fiberboard, melamine finish (upto 4 feet height) (qtn)	7534.80	Sqm	1303520.40
15.	236.00	Supply and installation of fabric paneling made of 0.5mm thick GI Chanel framework (above 4 feet wall paneling) (qtn)	6458.40	Sqm	1524182.40
16.	328.00	Supply and Installation of Anutone Subtex Nubby, steppe edge, Glass fibre core fully encapsulated ceiling tile of size 595x595x15mm (qtn)	2798.64	Sqm	917953.92
17.	122.00	Supply and Installation of plasterboard of India sypsum make, Tapered edge of size 1200mmx1800mmx12.5mm thick (qtn)	1722.24	Sqm	210113.28
18.	36.00	Supply and fixing of 18W LED 3000K type recessed fittings including cost of materials, labour charges etc all complete and as directed by the dept officers.	1205.00	Each	43380.00
19.	12.50	Supplying and fixing of 15 microns anodised aluminium partition	4322.2	Sqm	54026.88
20.	2.10	Supplying and fixing of 15 microns anodised aluminium partition door	4462.4	Sqm	9371.06

21.	300.00	Providing and fixing in position of 10mm thick Hilux board false ceiling using G.I perimeter channel of size 0.55mm thick. SR 20 -21	954.00	Sqm	286200.00
22.	72.00	Supply and fixing of UPVC Window SR 20 - 21	6363.00	Sqm	458136.00
23.	12.00	Supply and fixing of UPVC Ventilator SR 20 - 21	6893.00	Sqm	82716.00
24.	72.00	Labour charges for removing the existing aluminium window shutter.	115.17	Sqm	8292.24
		Sub total - I			7775407.44
25.	LS	GST @12%	LS		933048.89
		Sub total - II			8708456.33
26.	LS	Provision for Video system arrangements	LS		300000.00
27.	LS	Provision for Audio system arrangements	LS		360000.00
28.	LS	Provision for speakers, mics and 6KV UPS arrangements	LS		420000.00
29.	LS	Provision for Internal electrical arrangements	LS		150000.00
30.	LS	Provision for Centralized Air Conditioner	LS		780000.00
31.	LS	Display cabinet for suitable size including cost of MS (Galvanized) base plate with MS adjustable screws a) 1.83x2.14mt (12nos)	LS		1110000.00
		Sub total - III			11828456.33

**(vide G.O.(Ms).No.528, Home(Pol-XVIII)Department, dated:24.11.2021)**

**ABSTRACT-IV**

Name of work: Providing interlocking tiles (Paver Block) using 63mm and 83mm thick at inside the campus of Forensic Science department, Mylapore in Chennai City

Sl. No	Qty	Description of work	Rate	Per	Amount (in Rs.)
1.		Earth work excavation for foundation in all soils and sub - soil to 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 the sides of foundation with excavated earth in 150mm thick layers well watered rammed and consolidated and depositing the surplus earth in places shown clearing and leveling the site with an initial lead of 10 meters and lift as specified here under etc., complete all respects complying with relevant standard specifications. (including Refilling )			
	225.00	a) 0 to 2mt depth	195.54	Cum	43996.50
2.	750.40	Supply and filling in foundation and basement with Stone dust in layers of not more than 10cm thick well watered, rammed and consolidated complying with relevant standard specification including cost of stone dust etc., all complete and as directed by departmental officer.	272.69	Cum	204626.58
3.	832.00	Providing precast kerb stone of size 450x300x150mm made in CC 1:3:6 using 20mm HBS jelly including casting, molding etc all complete	224.10	Rmt	186451.20
4.		Supplying and laying and jointing SN8 UPVC pipe and relevant specials including cost of materials and labour charges for laying etc complete and as directed by the departmental officers.			



	442.00	a) 110mm dia UPVC pipe ( Below G.L)	359.93	Rmt	159089.06
5.	4125.00	Supplying and laying of Rubber moulded hydraulic pressed paver block (Interlocking tiles) of 63mm thick of approved make grey colour including cost of materials and labour charges etc all complete and as directed by the departmental officers	590.81	Sqm	2437091.25
6.	2569.00	Supplying and laying of Rubber moulded hydraulic pressed paver block (Interlocking tiles) of 83mm thick of approved make grey colour including cost of materials and labour charges etc all complete and as directed by the departmental officers	681.81	Sqm	1751569.89
7.	5.00	Provision for engaging JCB machine on hire basis 0.60 cum capacity for picking the existing BT as per road design and level etc all complete and as directed by the departmental officers	5600.00	Each	28000.00
8.	46.50	Plain cement concrete 1:2:4 (one of cement two of sand and four of HBS jelly ) for foundation and other similar work using 20mm gauge hard broken stun jelly excluding shuttering and centering but including laying, curing and finishing with relevant standard specifications in foundation and basement, and other similar works & directed by the departmental officers.	5486.10	Cum	255103.65
9.	5.00	Engaging the road roller machine 10T capacity for consolating the existing road for laying of interlocking tiles including cost of transport hire charges etc all complete	880.00	Each	4400.00
		Sub total - I			5070328.13
10.	LS	GST @ 12%	LS		608439.38
		Sub total - II			5678767.50
11.	LS	Labour welfare fund @ 1% on sub total- I	LS		50703.00
12.	LS	Supervision charges @5%	LS		253516.00
		Total			5982987.00 (or) 5983000.00

**(vide G.O.(Ms).No.528, Home(Pol-XVIII)Department, dated:24.11.2021)**

**ABSTRACT-V**

Name of work: Providing Lawn and garden for landscaping for open space in the Campus of Forensic Science Department at Mylapore in Chennai city.

Sl. No.	Qty	Description of Item	Rate	Unit	Amount
1.	1953.00	Site clearing removal of unwanted debris and other materials, soil digging, supply of manure mixture, spreading over garden area, shaping and levelling etc all complete and as directed by the departmental officers.	322.92	Sqm	630662.76
2.	1541.00	Supply of grownup lawn grass and spread over the lawn area and supply and planting of shade lawn as per site requirement all complete and as directed by the departmental officers.	376.74	Sqm	580556.34
3.	3000.00	Supply of healthy grown different shrub varieties (flowering and foliated) and planting in position as per plan all complete and as directed by the departmental officers	70.00	Each	210000.00
4.	200.00	Supply of Special plants and potted plants and arrangements as per plan all complete and as directed by the departmental officers	600.00	Each	120000.00
		Sub total - I			1541219.10
5.	LS	GST @12%	LS		184946.29
		Sub total - II			1726165.39
6.	LS	Labour welfare fund @ 1% an sub total - I	LS		15412.00
7.	LS	Supervision charges @5%	LS		77061.00
		Total			1818638.00
					or
		Say total			1818700.00

**(vide G.O.(Ms).No.528, Home(Pol-XVIII)Department,dated:24.11.2021)**

**ABSTRACT-VI**

Name of work: Supply and replacing of defective and damaged primary side copper winding for 250KVA, 11KV Transformer 1 along with allied works for Forensic Science lab building at FSD campus, Mylapore in Chennai city.

Sl. No	Qty	Description of work	Rate	Per	Amount (in Rs.)
1.	6.00	Supply of 20Amps, 500MVA, 11KV HRC, HT fuse for Load Break switch for 11KV, HT RMG panel for Forensic Science Lab Building Mylapore, in Chennai city including cost of materials etc all complete and as directed by the departmental officers.	4250.00	Each	25500.00
2.	6.00	Labour charges for Installation, Testing and commissioning of 11KV, 20Amps, 500MVA, HT fuse for Load Break switch in the existing 11KV, HT RMG panel at Forensic Science lab Building at Mylapore, in Chennai city etc all complete and as directed by the departmental officers.	450.00	Each	2700.00
3.	1.00	Supply, fabrication and suitable to modify the copper bus bars of size 50 x 10 mm for interconnections of 11KV LBS including labour charges for fabrication etc complete and as directed by the departmental officers.	2500.00	Rmt	2500.00
4.	1.00	Labour charges for removal and reconnections of 11KV, 300sqmm HT XLPE cable and charges for improving IR value of 3panel VCB carrying out the following. Cleaning of CT, Cleaning of PT, cleaning of Spout insulators etc all complete and as directed by the departmental officers.	4000.00	Job	4000.00

5.	1.00	Labour charges for removal and re-creation of 250KVA, 11KV, 433Volts transformer including disconnection and reconnections 300Sqmm HT XLPE cable, LT cables and earth connections etc all complete and as directed by the departmental officers.	15000.00	Job	15000.00
6.	1.00	Our charges for supply and rewinding of 3 phase, 11KV, 250KVA, transformer primary (IIV) side coil copper wire with 98.99% purity due to primary side of winding burnt out including dismantling of existing copper coil and cleaning of cores etc including all labour and materials etc complete and as directed by the departmental officers.	145000.00	Job	145000.00
7.	1.00	Charges for supply and replacing of 3 phase, 11KV, 433 Volts secondary side LV coil re-insulating including cleaning of cores etc including all labour and materials etc complete and as directed by the departmental officers	7500.00	Job	7500.00
8.	1.00	Charges for supply and fixing of 3 phase, 11KV new tap switch 1no etc all complete and as directed by the departmental officers	6500.00	Job	6500.00
9.	1.00	Charges for supply and replacing of defective and damaged cork sheet for the 11KV, 250KVA transformer etc all complete and as directed by the departmental officers	6000.00	Job	6000.00
10.	600.00	Charges for supply and filling of new transformer oil etc all complete and as directed by the departmental officers	200.00	Ltr	120000.00
11.	1.00	Charges for supply and fixing of 11KV new breather etc all complete and as directed by the departmental officers	1500.00	Each	1500.00

12.	1.00	Charges for supply and fixing of new thermometer including connections etc all complete and as directed by the departmental officers.	2800.00	Each	2800.00
13.	1.00	Charges for supply and fixing 3 phase insulation materials etc all complete and as directed by the departmental officers	4500.00	Job	4500.00
14.	1.00	Charges for improving IR value including preheating (Ovan) the primary and secondary winding of 11KV 250KVA transformer etc all complete	4500.00	Job	4500.00
15.	1.00	Charges for oil filtration work to obtaining BDV voltage by oil filtration machine etc all complete	7500.00	Job	7500.00
16.	1.00	Charges for transporting of transformer oil filtration machine along with testing equipments up and down etc all complete and as directed by the departmental officers	3000.00	Job	3000.00
17.	1.00	Charges for complete testing and commissioning of 11KV 250KVA transformer etc all complete and as directed by the departmental officers	40000.00	Job	40000.00
18.	1.00	Hire charges for crane for loading and unloading of 250KVA, 11KV transformer to take away for rewinding and return after completion rewinding work etc all complete and as directed by the departmental officers	6000.00	Job	6000.00
19.	1.00	Charges for testing and issuing BDV test reports etc all complete and as directed by the departmental officers	750.00	Each	750.00
20.	1.00	Charges for replacing of silica gel for breather etc all complete	600.00	Each	600.00
		Sub total - I			405850.00
21.	LS	Charges for buy back of old aluminium coil	LS		38000.00
		Sub total - II			367850.00

22.	LS	GST @ 12% on sub total -II	LS		44142.00
		Sub total - III			411992.00
23.	LS	Labour welfare fund @ 1% on sub total -II	LS		3679.00
24.	LS	Supervision charges @5%	LS		18393.00
		Total			434064.00
					or
		Say Total			434100.00

**S.K. PRABAKAR**  
**ADDITIONAL CHIEF SECRETARY TO GOVERNMENT**

// True Copy / Forwarded / By order //

  
Section Officer

28.11.2021