

MADURAI DIVISION, MADURAI

NAME OF WORK: PROVIDING ADDITIONAL INFRASTRUCTURE FACILITIES TO THE
PROPOSED COMPUTER FORENSIC LABORATORY AT RFSL / MADURAI

Abstract

Item. No.	Description	Qty	Unit	Rate	Amount
1	Dismantling of brick work and cement mortar up to 3mt height	3.80 m ³	Cum	244.09 221.90 PWSR	927.54 843.22
2	Dismantling of RCC work	0.90 m ³	Sqm	6380.00 5800.00 PWSR	5742.00 5220.00
3	Dimantling of floor tiles	11.60 m ²	Sqm	52.58 47.80 PWSR	609.93 554.48
4	Dismantling pressed tiles & weathering Course.	465.70 m ²	Sqm	23.90 20.00 PWSR	18492.95 9314.00 1684.77
5	Supplying and fixing of Vertified tiles CM 1:3	11.80 m ²	Sqm	1492.40 Data	17610.32
6	Supplying and fixing of Glazed tiles CM 1:3	4.70 m ²	Sqm	1313.87 Data	6175.19
7	White washing two coat for of.	56.60 m ²	Sqm	31.88 Data	1804.41
8	Supplying and fixing of Aluminium partition wall (1/3 Glass 5.5mm & 2/3 novapan sheet 12mm thick	20.50 35.00 m ²	Sqm	3734.46 8709.53	130706.10 76045.37 129833.55
9	Supply and fixing of colour matt finish door 15 microns double leaf door Aluminium Door (1.0 x2.1m thick)	8.40 m ²	Sqm	7396.05 7343.09	62126.82 61681.96
10	Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Windows of casement type (open) from the profile the size of outer frame 60mm x 58mm and shutter profile are reinforcement with GI/1mm 125GSM and 100% corrosion free, the profiles are multichambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with over all the edges offrame and shutter the shutter will be provided with Espag multi power point locks and also it operates as PWSR P.no (65)	14.60 m ²	Sqm	7126.00	104039.60
11	Teak wood wrought and putup				
	a) TW over 2m & below 3m	0.032 m ³	Cum	12480 #####	3986.56 3737.40
	b) TW below 2m	0.02 m ³	Cum	11280 #####	2247.60
12	Supply and fixing of teak wood double leaf door shutters size 1.500x 2.400m	3.20 m ²	Sqm	6314.91 1023.24	20490.37 20207.71

Item. No.	Description	Qty			
13	Supply and fixing of 20 Amps DP plug and socket in sheet enclosure with 32 A DP MCB in Flush with wall with earth connection (For AC Plug) Legrand (MDS) / Hager (L & T) Equivalent/ Superior variety Ele SD -140 /2018-19 ✓ 2021-22	5.00 Nos.	No	1879.00 1830.00	9150.00
14	Supplying, fabricating, erecting and fixing Gyp board false ceiling using perforated sheet 10mm thk P.W.D. R. no. (53)	56.80 m ²	Sqm	985.00 990.00	55948.00 56232.00
15	Supplying and ixing of 24W LED 4000K 1x 1 Square Type Recessed Fitting with LED CFR no. 11 / 2020 - 21 (end use) NOS.	12.00 Nos.	Nos	1800.00 APP rate	21600.00
16	Supplying and ixing of 24W LED 4000K 2x 2 Square Type Recessed Fitting with LED	2.00 Nos.	Nos	2487.00 3508.00 P.W.D. R.	4974.00 7016.00
17	Wirng with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable with continuous earth by means of 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable confirming to IS 694 / 1980 with ISI mark in fully concealed PVC rigid conduit pipe heavy duty with ISI mark			-115	
	a.Light point with ceiling rose	12.00 Point	Nos	1500.00 1499.29	18000.00 47991.48
18	Wirng with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable with continuous earth by means of 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable confirming to IS 694 / 1980 with ISI mark in fully concealed PVC rigid conduit pipe heavy duty with ISI mark with suitable size MS box of 16g thick concealed and covered with 3mm thick laminated hylem sheet for FAN POINT controlled by 5 amps flush type switch including citcuit mains, cost of all materials, specials etc. all complete	11.00 Points	Nos	P-5 1565.50	17221.60 17220.50
19	Supply of ceiling fan 1200mm sweep	11.00 Nos.	Nos	P-5 1438.00 1185.00	15818.00 13035.00
20	Charges for assembling and fixing of ceiling fan of different sweep (to be supplied by the department at free of cost) with necessary interconnection and fixing of fan regulator on the existing board, etc., all complete.	11.00 Nos.	Nos	P-5 520.80	5728.80
21	Supplying and fixing of 4' 18w crystal glass LED tube light (Sankaran kovil Revised rate appd)	15.00 Nos.	Nos	P-5 660.19 660.19	9902.85 9902.85

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535634.78

	Description	Qty	Unit	Rate	RFSL Amount
28	Run off mains with 2 wires of 1.5 Sqmm copper PVC insulated unsheathed single core 1.1KV cable wire continuous earth by means of 1.5 Sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable in fully concealed 19 mm / 20 mm dia rigid PVC conduit pipe heavy duty with ISI mark including cost of all materials, specials, etc., all complete.	30.00 m	Rmt	192.66 P-5	5778.40
29	Supplying and fixing of Exhaust fan 300mm dia (12") sweep	2.00 Nos	Nos	2147.00 P-5	4294.00 4295.20
30	Supplying and fixing of wash basin	1.00 No	No	3241.42	3241.42
31	Supplying and fixing of vinyl flooring 2mm thick including cost of adhesives, labour charges for cleaning and fixing complete and complying with standard specifications as directed by the departmental officers., etc complete.	56.90 m ²	Sqm	968.40 Quotation	55101.96
32	Supplying and delivery of computer table for size (60"x24"x30"x18")including cost of all materials and labour charges all complete complying with relevant standard specifications and as directed by the departmental officers	8.00 Nos	Nos	15800.00 Quotation	126400.00
33	Supplying and delivery of computer chair including cost of all materials and labour charges all complete complying with relevant standard specifications and as directed by the departmental officers	8.00 Nos	Nos	4500.00 Quotation	36000.00
34	Supplying and delivery of visitor chair including cost of all materials and labour charges all complete complying with relevant standard specifications and as directed by the	8.00 Nos	Nos	4000.00 Quotation	32000.00
35	Supplying and delivery of conference table of size ((1200wx1200Dx760H) including cost of all materials and labour charges all complete complying with relevant standard specifications and as directed by the departmental officers	1.00 No	Nos	6500.00 Quotation	6500.00
36	Supplying and delivery of stainless steel 3 person waiting chair including cost of all materials and labour charges all complete complying with relevant standard specifications and as directed by the departmental officers	2.00 Nos	Nos	9100.00 Quotation	18200.00

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868782.11

Item. No.	Description	Qty	Unit	Rate	RFSL Amount
22	Wirng with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable with continuous earth by means of 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable confirming to IS 694 / 1980 with ISI mark in fully concealed PVC rigid conduit pipe heavy duty with ISI mark with suitable size MS box of 16g thick concealed and covered with 3mm thick laminated hylem sheet for 5 amps 5 pin PLUG SOCKET POINT AT SWITCH BOARD ITSELF including citcuit mains, cost of all	5.00 Nos	Nos	765.00 764.91 P-5	3824.55
23	Supplying and fixing of 15 Amps 3 pin flush type plug socket on suitable MS box of 16g thick concealed and covered with 3 mm thick laminated hylem sheet inclusive of all materials, etc., all complete.	15.00 Point	Nos	138.70 P-5	2080.50
24	Wirng with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable with continuous earth by means of 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable confirming to IS 694 / 1980 with ISI mark in fully concealed PVC rigid conduit pipe heavy duty with ISI mark with suitable size MS box of 16g thick concealed and covered with 3mm thick laminated hylem sheet for 5 amps 5 pin PLUG SOCKET POINT AT CONVENIENT PLACES including citcuit mains, cost of all materials,	12.00 Point	Nos	1041.20 P-5	12494.40
25	S&F TPN 6 way DB encloser	1.00 No.	Nos	8254.00 4116.85 P-5	8254.00 4116.85
26	Run off mains with 4 wires of 10Sqmm copper PVC insulated unsheathed single core 1.1KV cable wire contuinuous earth by means of 2.5 Sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable in fully concealed 19 mm / 20 mm dia rigid PVC conduit pipe heavy duty with ISI mark including cost of all materials, specials, etc.,	20.00 m.	Rmt	589.30 P-6	11785.40
27	Run off mains with 2 wires of 2.5 Sqmm copper PVC insulated unsheathed single core 1.1KV cable wire contuinuous earth by means of 1.5 Sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable in fully concealed 19 mm / 20 mm dia rigid PVC conduit pipe heavy duty with ISI mark including cost of all materials, specials, etc.,	54.00 M.	Rmt	209.80 P-6	11320.20

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Item No.	Description	Qty	Unit	Rate	RFL Amount
37	Supply and Erection of 2 zone Automatic fire alarm panel with fire and fault indications, lamp test, alarm cancel, system reset buttons. Panel shall have glass front door, battery back up with inbuilt battery charger. Panel shall operate on 230 V AC single phase supply.	1.00 NO	No	15000.00 <i>Quotation</i>	15000.00 ✓
38	Supply and installation of manual call point with hammer. To operate on 24 v dc supply.	1.00 NO	No	1700.00 <i>Quotation</i>	1700.00 ✓
39	Supply and installation of electronic hooter 5 watt capacity wall mounting type.	1.00 NO	No	1800.00 <i>Quotation</i>	1800.00 ✓
40	Supply and installation of 2 core x 1.5 SQMM copper LTUG cable run on wall, ceiling with clamps, screw, junction boxes, etc.	75.00 Rmt	Rmt	165.00 <i>Quotation</i>	12375.00 ✓
41	supply and installation of Bio-Metric attendance system with door locking arrangements and door release buttons including CAT 5 Cable laying upto the Computer terminal and enrollment of staff.	1.00 NO	No	14500.00 <i>Quotation</i>	14500.00 ✓
42	Supply & installation of photoelectric type smoke detectors in electrical room	5.00 NOS	Nos	2500.00 <i>Quotation</i>	12500.00 ✓
43	Supply and installation of CO2 type fire extinguishers wall mounting type , cylindrical in shape, with initial charge, discharge hose, wall brackets capacity 4.5 kgs.	1.00 NO	No	7900.00 <i>Quotation</i>	7900.00 ✓
44	Earth work excavation for open foundation b. 2 to 3m	3.00 m3	Cum	116.49 234.14 <i>P-2</i>	349.47 702.42 ✓
45	Supplying and fixing of 50mm GI pipe	3.00 Rmt	Rmt	209.00 <i>PWD SR-25</i>	627.00 ✓
46	Supplying and fixing of Copper plat size of 60cmx60cmx6mm thick	1.00 NO	No	19600.00 <i>Quotation</i>	19600.00 ✓
47	Supplying and fixing of Copper patta 25mm wide and 3mm thick	15.00 Rmt	Rmt	1050.00 <i>Quotation</i>	15750.00 ✓
48	S & F Fibre box with fan hook	7.00 NOS	Nos	33.90 <i>P-5</i>	237.30 ✓
49	Supplying and fixing of Air Coditioner with coper coil 1.5 TR Split Type AC Unit 5 star rated	5.00 Nos	Nos	43400.00 <i>PWD SR-142</i>	217000.00 ✓
50	Supplying and fixing of 3 PHASE UPS (Three Phase In & Single Phase Out) 2 hourse backup 7.5 KVA	1.00 NO	No	237500 ##### <i>PWD SR-148</i>	237500.00 ✓
51	Finishing the top of the terrace floor with one course of solar reflective cool roof ceramic tiles 305mmX305mmX7mm size with bare concrete	465.70 m2	Sqm	1618.62 1393.45 <i>P-75</i>	753791.3 648929.67 ✓

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2179412.22

Item. No.	Description	Page 6	Qty	Unit	Rate	RFSL Amount
52	Providing earthing satation using pipe electro as per IS 3043 using 40 mm dia 'B' class GI pipe strickly in accordance with IS3043 including cost of all materials		1.00 No.	No	2746.00 2745.95 Pms 82	2746.00 2745.95
53	Painting two coats over new plaster surface with plastic emulsion paint		56.80 m ²	Sqm	222.05	12612.44
	Total					2194770.66
	GST @ 12%					263372.48
	Sub Total					2458143.13
	Labour Welfare Fund @ 1%					24581.43
	Supervision Charges @ 7.5%					184360.74
	Contingencies @ 2.5%					61453.58
	Grand Total					2728538.88
				Say	227,28,600/-	

L. J. An. ch. 1/2/21
15/11/2021
A. J. B. / m. l. n.

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DEPUTY DIRECTOR
REGIONAL FORENSIC SCIENCE LABORATORY
MADURAI - 625 020.

EXECUTIVE ENGINEER
T.N.P.H.C. LTD.,
MADURAI DIVISION
MADURAI-14.

SUPERINTENDING ENGINEER
SOUTH CIRCLE
TAMILNADU POLICE HOUSING CORPORATION LTD
MADURAI-14.
29/11/2021

13/12/2021
J. E.

14/12/21
A. J. B.

15/12/21
A. J. B.

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