



**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/Library Salem/2023**

**Dated: 07.10.2023**

To

The District of Public Library,  
Directorate of Public Libraries,  
737/1, Anna Salai,  
Chennai – 600 002.

Sir,

**Sub:** TNPHC Ltd – HO – Plg - Renovation of existing District Central Library  
at Sera Rasan road in Salem city - Estimate proposal and willingness –  
Furnished – Approval requested - Regarding.

**Ref:** The District Library Officer, Salem, Lr.No. 4095/A4/2020,  
Dt:24.08.2023.

#-#-#-#-#

The District Library Officer, Salem has requested to furnish the estimate proposal for Renovation of existing District Central Library at Sera Rasan road in Salem city.

2. Accordingly, the estimate is prepared based on the PWD SR rates for the the year 2023-24 rates. The estimate value works out to ₹ **1,68,35,700/-** 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.

*20/10/29*

**Chief Engineer**

*7/10/29*

**TAMIL NADU POLICE HOUSING CORPORATION LIMITED**

**Name of Work: Renovation of Existing District Central Library at Serarasan Road in Salem District**

**GENERAL ABSTRACT**

S.No	Description	No. of Block	Rate Rs	Per	Amount Rs.
1	Library Building and First Floor Terrace	1.00	1873091.99	Each	1873091.99
2	RJD Office and Girls OBR	1.00	950848.60	Each	950848.60
3	B Pro Section	1.00	42651.62	Each	42651.62
4	Boys OSR	1.00	1531369.97	Each	1531369.97
5	Library Buildng and Library Society	1.00	3078089.87	Each	3078089.87
6	Outer side	1.00	4133751.69	Each	4133751.69
	<b>Sub Total</b>				<b>11609803.75</b>
7	Provision for Gisel Chemical to Cut Trees	LS			50000.00
8	Provision for Building Tree side pit cutting	LS			50000.00
9	Provision for Acid Wash	LS			30000.00
10	Provision for External Electrical	LS			1000000.00
	<b>Sub Total</b>				<b>12739803.75</b>
11	GST 18%	LS			2293164.68
	<b>Sub Total</b>				<b>15032968.43</b>

S.No	Description	No. of Block	Rate Rs	Per	Amount Rs.
12	Labour welfare fund 1%		LS		127398.04
13	Unforeseen items & Contingencies @ 2.5%		LS		375824.21
14	Supervision charge @ 7.5%		LS		1127472.63
15	Add 18% GST for Supervision charges		LS		171987.00
	<b>Total</b>				<b>16835650.31</b>
	<b>Grand total</b>				<b>16835700.00</b>

  
**Chief Engineer**  
 Tamilnadu Police Housing Corporation Ltd.  
 Chennai - 600 010.

  
 7/10/23

**TAMIL NADU POLICE HOUSING CORPORATION LIMITED**

**Name of Work: Renovation of Existing District Central Library at Serarasan Road in Salem District**

**Abstract Estimate**

SI No	Description of work	Rate	Unit	Terrace		RJD Office and Girls OBR		B Pro Section		Boys OSR		Library		Outer		Total	
				Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
1	Dismantling Floor finish and dadooing walls in cement mortar with Mosaic Tiles / Glazed Tiles / Clay Tiles / Cuddapah Slabs <b>SR Pg 22, It- 38G</b>	58.49	m <sup>2</sup>	100.10	5854.85	52.40	3064.88									152.50	8919.73
2	Supplying and fixing of Colour glazed tiles (Best approved quality and the same shall be got approved from the Executive Engineer before using) over cement plastering in CM 1:2 (One of cement and two of M sand) 10mm thick including fixing in position, cutting the tiles to the required size wherever necessary, pointing the joints with coloured cement, curing, finishing etc., all complete and as directed by the departmental officers.	1418.68	m <sup>2</sup>	75.00	106401.00	36.80	52207.42			206.20	292531.82	75.00	106401.00			393.00	557541.24
3	Supplying and fixing of Colour ceramic tiles (Anti skid) without corrugated design for flooring and other similar works (Best approved quality, colour and shade shall be got approved from the Executive Engineer before using) over cement plastering in CM 1:3 (One of cement and two of M sand) 20mm thick including fixing in position, cutting the tiles to the required size wherever necessary, pointing the joints with coloured cement, curing, finishing etc., all complete and as directed by the departmental officers.	1241.81	m <sup>2</sup>	25.10	31169.43	15.70	19496.42			64.30	79848.38	25.10	31169.43			130.20	161683.66
4	Supply and laying concrete tiles superior variety such as (Hindustan / Eurocon tiles etc.) for flooring in CM 1:3 (One of Cement and three of M sand) 20mm thick, including fixing in position, cutting the tiles to the required size wherever necessary, pointing the joints with colour cement, finishing, curing etc complete and as directed by the departmental officers.	1515.17	m <sup>2</sup>									41.20	62425.00			41.20	62425.00
5	Supplying and fixing of porcelain wash basin superior variety of size 22"x16" (550x400mm) including cost and fixing of CI brackets, pvc waste pipe required grating, cp tap, wheel valve/ Bob cork, pvc, connection, cp waste plug, with aluminium chain etc., complete in all respects (washbasin shall be got approved by the Executive Engineer before fixing)	3416.50	No	1.00	3416.50	2.00	6833.00			6.00	20499.00	2.00	6833.00			11.00	37581.50
6	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 by threading of wall thickness including the cost of suitable PVC/GI specials /GM specials like Elbow, Tee reducers, Plug , union, bend, coupler, nipple/ GM gate valve, check and wheel valve etc., wherever required above the ground level including the cost of teflon tape, special clamps, nails, etc., concealed on wall to the proper gradient and alignment and redoing the chipped of masonry etc., as directed by the departmental officers.c) 20mm Astm D schedule 40 threaded Pvc pipe with necessary PVC/GI specials	241.19	m	13.30	3207.83	10.40	2508.38			79.80	19246.96	13.30	3207.83			116.80	28170.99

SI No	Description of work	Rate	Unit	Terrace		RJD Office and Girls OBR		B Pro Section		Boys OSR		Library		Outer		Total	
				Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
7	Supplying and fixing of 15mm dia CP Long body Tap of Best quality including cost of fittings with required specials, bends, labour for fixing etc., all complete and as directed by the departmental officers. (The quality and brand of fittings should be got approved from Executive Engineer before use).	495.00	No	4.00	1980.00	5.00	2475.00			12.00	5940.00	4.00	1980.00			25.00	12375.00
8	Supplying and fixing of 15mm dia CP short body Tap of Best quality including cost of fittings with required specials, bends, labour for fixing etc., all complete and as directed by the departmental officers. (The quality and brand of fittings should be got approved from Executive Engineer before use).	447.00	No	4.00	1788.00	5.00	2235.00			12.00	5364.00	4.00	1788.00			25.00	11175.00
9	Supplying and fixing of approved brand Porcelain Flat Back urinal superior variety including cost of Urinal lead pipe, waste pipe, 15mm wheel valve, TW plug and labour for fixing etc., all complete as directed by the departmental officers (The brand and quality shall be got approved from the Executive Engineer before use)	2261.16	No	2.00	4522.32	2.00	4522.32			6.00	13566.96	2.00	4522.32			12.00	27133.92
10	Supplying and fixing of Orissa Pan (20") superior variety 500mm of approved make (to be got approved from EE before use) with P or S trap, including concrete packing filling portion with earth, flooring the area with 75mm thick brick jelly concrete in CC 1:8:16 (one of cement, eight of M sand and sixteen of brick jelly) using 40mm size brick jelly and top left rough to receive the floor plastering but including anti-syphonage connection curing etc. all complete and as directed by the departmental officer in Ground floor.	3424.27	No							2.00	6848.54					2.00	6848.54
	Supplying and fixing of Orissa Pan (20") superior variety 500mm of approved make (to be got approved from EE before use) with P or S trap, including concrete filling the sunk portion with brick jelly lime concrete proportion of brick jelly lime 32:121/2 by volume (32 cft of 20mm gauge brick jelly and 12 1/2 cft of slaked lime) (No M sand) and top 75mm thick brick jelly concrete in CC 1:8:16 (one of cement, eight of M sand and sixteen of broken brick jelly) using 40mm size brick jelly including plastering the sides of sunk portion in Cm 1:3 (one of cement and three of M sand) 12mm thick mixed with water proofing compound at 2Kg / m2 and top left rough to receive the floor plastering but including antisiphonage connection including one coat of bitumen for the sides bottom and curing etc., complete in all floors (Other than ground floor)	5380.98	No	4.00	21523.92	2.00	10761.96			4.00	21523.92					10.00	53809.80
11	Painting the old iron work with two coats of ready mixed first class synthetic enamel paint of approved quality and brand including clean removal of old paint should be supplied by the contractor at his own cost (the quality and the shade of paint should be got approved by the Executive Engineer before use). Complying with relevant standard specification.	144.82	Sqm	28.60	4141.85	40.60	5879.69	11.60	1679.91	116.70	16900.49	38.10	5517.64			235.60	34119.59

[illegible]

[illegible]



SI No	Description of work	Rate	Unit	Terrace		RJD Office and Girls OBR		B Pro Section		Boys OSR		Library		Outer		Total	
				Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
17	White washing two coats for old walls using clean shell lime slaked including cost of lime, gum, blue, brushes, including scaffolding, thorough scrapping and washing with soap, soda water etc., complete in all respects and complying with relevant standard specifications.	35.18	Sqm	664.00	23359.52	765.40	26926.77	271.20	9540.82	1499.80	52762.96	622.00	21881.96			3822.40	134472.03
18	Supplying and fixing of 9W LED Bulb <b>SR Pg 115 it-15(i)</b>	135.00	No	6.00	810.00	7.00	945.00									13.00	1755.00
	b) 18W LED Bulb <b>SR Pg 114 it-15(a)</b>	705.00	No			10.00	7050.00									10.00	7050.00
19	Supply and fixing of 5mm thick Bevelled edge mirror of size 0.60m x0.45m mounted in the PVC frame alround with 3mm thick hard board packing rear including labour for fixing in position etc., all complete and as directed by the departmental officers.	494.70	No	2.00	989.40	2.00	989.40									4.00	1978.80
20	White washing Three coats for old walls using clean shell lime slaked including cost of lime, gum, blue, brushes, including scaffolding, thorough scrapping and washing with soap, soda water etc., complete in all respects and complying with relevant standard specifications.	47.48	Sqm	512.50	24333.50	361.20	17149.78	197.50	9377.30	918.20	43596.14	613.60	29133.73			2603.00	123590.44
21	Supplying, Laying & Concealing the 50mm dia PVC (SWR) pipe with ISI mark type - 'B' with relevant specials.	114.45	m	6.00	686.70	6.00	686.70									12.00	1373.40
22	Flooring with a bed of CC 1:5:10 (one of cement, five of M sand and ten of stone jelly) using 40mm size broken stone jelly and top left rough to receive the floor finish with required slopes including ramming, curing etc., all complete complying with relevant standard specifications.	4785.71	Cum									0.20	957.14			0.20	957.14
23	Chipping of concrete and roughening the surface <b>SR PG 22: It 38(A)</b>	38.54	Sqm	22.70	874.86	87.20	3360.69			402.50	15512.35	38.50	1483.79	283.20	10914.53	834.10	32146.21
24	Providing anti-corrosive Coating by cleaning the rebars using the rust remover if there exists any rust, otherwise clean the rebar free of foreign material. Mix the base and hardener of the anti-corrosive coating like Nitozinc Primer of Fosroc or equivalent mechanically using a slow speed heavy duty drilling machine fitted with mixing paddle. Apply the mixed materials to the cleaned rebar and allow it to dry complete. The rate shall include the cost of all the operations and etc., complete in all respects and as directed by the departmental officers	2047.19	Sqm	19.50	39920.21	87.20	178514.97			132.00	270229.08	38.50	78816.82	283.20	579764.21	560.40	1147245.28

SI No	Description of work	Rate	Unit	Terrace		RJD Office and Girls OBR		B Pro Section		Boys OSR		Library		Outer		Total	
				Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
25	Applying Epoxy jointing compound for providing bonding to the new and old concrete for the damaged RCC repair area by mixing the base and hardener to the Epoxy jointing compound of approved make. The proportionate of mixing should be of the manufacture specification as per annexure and applying the same with 4" brush including cost and labour charges concreting, strutting, scaffolding etc., all complete as directed by the departmental officers	790.55	Sqm	19.50	15415.73	87.20	68935.96			132.00	104352.60	38.50	30436.18	283.20	223883.76	560.40	443024.22
26	Repair of RCC isolated locations for the damaged RCC slabs beams and columns by applying a bonding coat of Polymer modified cement mortar liquid of approved make with CM 1:3 or as per the ratio specified by the manufacture per bag of cement and fixing in a position in a layer of chicken mesh of 22/24 SWG with 12mm opening and applying the prepared mortar by five layers when the bonding coat is tacky as directed by departmental officers. The rate inclusive of cost of all materials, labour, load, lift, shuttering using plywood if required and scaffolding, thickness of application should not be less than 50mm thickness and plastering in five layers etc., all complete	3886.22	Sqm	19.50	75781.29	87.20	338878.38			132.00	512981.04	622.00	2417228.84	283.20	1100577.50	1143.90	4445447.06
27	Supplying and fixing of 110mm dia PVC SWR pipe for Rain water down fall pipe with necessary gratings, shoes, bends, off sets, clamps, teak woods plugs, and of approved quality and including fixing C.I. gratings at the junction of parapet and floor or roof slab etc., including finishing etc., complete complying with relevant standard specifications.	350.32	m	45.00	15764.40									40.00	14012.80	85.00	29777.20
28	Dismantling of Doors and Windows including removal of frames, hinges and fastenings <b>SR Pg.22 It 29</b>	146.58	Sqm	10.20	1495.12			2.10	307.82							12.30	1802.93
29	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	310.00	21746.50									1627.50	114169.13	1937.50	135915.63
30	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 of approved quality and brand, the paint should be supplied by the contractor at his own cost. (The quality and the brand of paint should be got approved by the Executive Engineer before use) complying with relevant Standard specifications.	142.73	Sqm	10.40	1484.39									59.10	8435.34	69.50	9919.74
31	Brick work in cm 1:5 (One of cement and five of M sand) using chamber burnt bricks of size 9"x4½"x3" (23x11,4x7.5 cm) in foundation and basement including dewatering wherever necessary proper setting, curing etc., complete with relevant standard specifications.	6742.22	Cum											10.30	69444.87	10.30	69444.87

SI No	Description of work	Rate	Unit	Terrace		RJD Office and Girls OBR		B Pro Section		Boys OSR		Library		Outer		Total	
				Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
32	Brick work in Cement Mortar 1:6 (One of cement and six of M sand) using Chamber burnt bricks of size 9"x4½X3" (23x11.4x7.5cm) for super structure in the following floors including labour for fixing the doors, windows and ventilator frames in position, fixing of hold fasts, scaffoldings, curing etc., complete in all respect complying with relevant standard specifications and drawings a) IN Ground floor	6767.08	Cum											1.00	6767.08	1.00	6767.08
	c. IN Second floor	7101.40	Cum	2.30	16333.22											2.30	16333.22
33	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 chamber burnt bricks of size 9"x4½"x3" (23x11.4x7.5cm) including labour for fixing the doors, windows and ventilator frames in position, fixing of hold fasts, scaffoldings, curing etc., complete in all respect complying with relevant standard specifications and drawings a.In Foundation and Basement	854.44	Sqm											6.80	5810.19	6.80	5810.19
	b. In First floor	882.94	Sqm			14.00	12361.16									14.00	12361.16
34	Plastering with cm 1:5 (One of cement and five of M 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.	259.14	Sqm			45.60	11816.78	4.20	1088.39	132.00	34206.48			203.20	52657.25	385.00	99768.90
35	Special ceiling plastering in cement mortar 1:3 (One of cement and three of M sand) 10mm thick for bottom of roof, stair, waist, landing and sunshades in all floors finished with neat cement including hacking the areas, providing band cornice, scaffolding, curing etc., complete	298.21	Sqm											7.20	2147.11	7.20	2147.11
36	Plastering the top of flooring in cm 1:4 (One of cement and four of M sand) 20mm thick including surface rendered smooth including providing proper slopes, thread lining, curing and 150mm wide skirting around with the same cement mortar etc., complete in all respects.	528.92	Sqm											7.20	3808.22	7.20	3808.22
37	Plastering with CM 1:4 (one of cement and four of M sand) 12mm thick finished with neat cement including providing band cornice, ceiling cornice, curing, scaffolding etc.... complete in all respects and complying with standard specifications.	265.23	Sqm											31.70	8407.79	31.70	8407.79

SI No	Description of work	Rate	Unit	Terrace		RJD Office and Girls OBR		B Pro Section		Boys OSR		Library		Outer		Total	
				Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
38	Plain cement concrete 1:2:4 (One of cement two of M sand and four of HBS jelly) in following using 20m gauge hard broken stone jelly excluding shuttering and centering but including laying, curing and finishing with relevant standard specifications in foundation and basement, and other similar works & as directed by the departmental officers. c) In Second floor	6337.17	cum	1.10	6970.89											1.10	6970.89
39	Dismantling of RCC SR Pg:22, it-38	4112.85	cum	1.10	4524.14											1.10	4524.14
40	Dismantling of Pressed tiles and weathering course SR Pg 22 It- 389(B)	43.89	Sqm	1.60	70.22											1.60	70.22
41	Weathering Course with concrete broken brick jelly 20mm gauge in pure burnt stone lime slaked and screened (No M sand) over RCC Roof Slab with proportion of brick jelly to lime (fat lime) being 32: 12 1/2 by volume well beaten with wooden beaters for giving the required slope and thickness complying with relevant standard specification and as directed by the departmental officers.	3941.47	Cum	1.60	6306.35											1.60	6306.35
42	Finishing the top of roof with the one course of Hydraulic pressed tiles of approved superior quality of size 23cm x 23cm x20mm thick laid over weathering course in CM 1:3 (One of cement and Three of M sand) 12mm thick mixed with water proofing compound at 2% by weight of cement used and pointed neatly with the same cement mortar mixed with water proofing compound including curing etc., complete complying with relevant standard specifications.(The Quality of tiles shall be got approved from the Executive Engineer,before use)	1229.41	Sqm	8.60	10572.93											8.60	10572.93
43	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 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 levelling the site with an initial lead of 10 metres and lift as specified here under etc. complete in all respects complying with relevant standard specifications. (Including Refilling) a. 0 to 2m depth	248.93	Cum	8.80	2190.58									77.60	19316.97	86.40	21507.55

SI No	Description of work	Rate	Unit	Terrace		RJD Office and Girls OBR		B Pro Section		Boys OSR		Library		Outer		Total	
				Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
44	CC 1:5:10 (One of cement, five of M sand and ten of hard broken stone Jelly) for foundation using 40 mm gauge 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.	4785.71	Cum	0.80	3828.57									6.60	31585.69	7.40	35414.25
45	Plain cement concrete 1:3:6 (One of cement three of M sand and six of HBS jelly) using 20m gauge hard broken stone jelly excluding the shuttering and centering but including laying, curing and finishing with relevant standard specifications in foundation and basement, and other similar works & as directed by the departmental officers.	5684.85	CUm											7.40	42067.89	7.40	42067.89
46	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 size 90cm x 60cm and MS 10 gauge stiffened with welded mild steel angles of size 25mmx25mmx3mm for boarding laid over silver oak or country wood joists of size 10cmx6.5cm spaced at about 90cm centre to centre and supported by casurina props 10cm to 13cm dia spaced at 75cm intervals and removing the same after a specified period without damaging the R.C.C works etc., complete complying with standard specifaction and as directed by the departmental officers. a. For Column footings,plinth beam,Grade beam, Raftbeam,Raft slab etc.,	886.03	Sqm	1.80	1594.85											1.80	1594.85
	b.Plain surfaces such as Roof slab, floorslab, Beams, lintels, lofts, sillslab, staircase waist, portico slab and other similar works	987.02	Sqm	10.70	10561.11									24.80	24478.10	35.50	35039.21
	c.For Square and rectangular columns and small quantities such as sunshade, parapet cum drops window boxiing, fin projection and other similar works.	1184.42	Sqm	14.00	16581.88											14.00	16581.88
	d) Vertical walls	1085.72	Sqm											51.50	55914.58	51.50	55914.58
47	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 in all respects.	90389.00	MT	3.09	279121.23									2.075	187557.18	5.16	466678.41
48	C.C.1:8:16 (One of cement, eight of M sand and sixteen of broken brick jelly) for foundation and other similar works using 20mm gauge broken Brick 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.	4222.81	Cum											1.10	4645.09	1.10	4645.09

SI No	Description of work	Rate	Unit	Terrace		RJD Office and Girls OBR		B Pro Section		Boys OSR		Library		Outer		Total	
				Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
49	Providing and laying in position, Standardised Concrete Mix M-20 Grad in accordance with IS 456-2000, using 20mm and down graded HBSJ for all RCC items with minimum cement content of 325 Kg /m3 and maximum water cement ratio of 0.55 including admixture in recommended proportions as per IS 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability about 7730 Kg of 20mm machine crushed stone jelly with about 5156 Kg of 10-12mm machine crushed stone jelly and about 7670 Kg of M.M Sand excluding cost of reinforcement grill and fabricating charges a.In Foundation and Basement	7940.06	Cum	2.00	15880.12									13.00	103220.78	15.00	119100.90
	b. In Ground floor	8065.90	Cum	0.60	4839.54									2.00	16131.80	2.60	20971.34
	d. In Second floor	8561.72	Cum	9.60	82192.51									1.60	13698.75	11.20	95891.26
50	Providing precast concrete slab for cupboard wardrobes shelves, cover slab for chambers, Baffle walls side slabs of boxing around windows and other similar works in M20 Design Mix concrete using hard broken stone jelly of size 10mm and less for the following thickness excluding the cost and fabrication of reinforcement grills but including precasting, moulding, curing, finishing and fixing in position complying with relevant standard specifications etc., complete in the following floors (Measurement will be taken including bearing in wall also) II. 40mm tk a. In Foundation and Basement	1692.25	Sqm											10.00	16922.50	10.00	16922.50
51	Special ceiling plastering in cement mortar 1:3 (One of cement and three of M sand) 12mm thick for bottom of roof, stair, waist, landing and sunshades in all floors finished with neat cement including hacking the areas, providing band cornice, scaffolding, curing etc., complete	274.87	Sqm	22.70	6239.55	85.40	23473.90					283.20	77843.18			391.30	107556.63
52	Water proofing treatment over the wall surface and floors by thoroughly cleaning and washing after that filling the hollow portion with cement sand mixed with water proofing compound, it dry for 2 to 3hours then apply two coats of exterior water proofing coat first coat at the rate of 25 sqft/litre and allow it dry before taking up the second coat with minimum drying time between first and second coat will be 4 to 6 hours then allow the system to air curing for 7days minimum and guaranteed in 5years	559.52	Sqm	1677.70	938706.70											1677.70	938706.70



SI No	Description of work	Rate	Unit	Terrace		RJD Office and Girls OBR		B Pro Section		Boys OSR		Library		Outer		Total	
				Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
53	Supply and delivery of following Electric Ceiling fan with blades and double ball bearing, capacitor, type complete with 300 mm down rods canopies, capacitor, shackle blades with speed regulator (resistance type suitable) for operator on 230 volts 50 HTZ single phase AC supply confirming to ISS No. 374/79 and provided with insulation. (The brand should be got approved from the Executive Engineer before supply made) a) 48" Electric fan 1200mm sweep	1552.00	No			10.00	15520.00									10.00	15520.00
54	Charges for assembling and fixing of ceiling fan of different sweep with necessary connections and fixing of fan regulator on the existing board etc., all complete (Excluding cost of fan)	601.20	No			10.00	6012.00									10.00	6012.00
55	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. (Open wiring)	131.00	m			134.00	17554.00									134.00	17554.00
56	Providing Cutting machine and filling patty in cracks including charges for labour, conveyance of drilling machine and necessary tools and as directed by the departmental officers	300.00	m					59.10	17730.00							59.10	17730.00
57	Supplying and fixing of Aluminium partition wall ( 1/3 Glass 5.5mm & 2/3 novapan sheet 12mm thick	4917.08	Sqm			18.80	92441.10					23.70	116534.80			42.50	208975.90
58	Cleaning the existing Blocked chamber and disposing the waste including rate for cleaning blockages between chambers, removing and refixing of precast slab etc., as directed by the department officers	400.00	No											25.00	10000.00	25.00	10000.00
59	Clearing the existing septic tank such as sewage water and liquid using 6000 litres capacity vehicles and disposing the same away from the site including cleaning tank with water after disposal, hire and conveyance charges for the vehicle, labours all tools and plants employed there of as directed by the departmental officers	2700.00	Load											25.00	67500.00	25.00	67500.00

SI No	Description of work	Rate	Unit	Terrace		RJD Office and Girls OBR		B Pro Section		Boys OSR		Library		Outer		Total	
				Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
60	Supplying and fixing of 4mm thick pin headed Glass panels with aluminium anodised 'U' shape beeding of size 12x12mm with 107 gram in average weight for 1m length with aluminium bolts and nuts for the shutters of the steel windows already supplied to suit all the size and as directed by the departmental officers. (The quality of glass and aluminium beeding should be got approved from the Executive Engineer before use).	846.50	Sqm											283.20	239728.80	283.20	239728.80
61	Providing two legged scaffolding using 15cm diameter casurina props or best quality bamboo posts of 4m overall length (3m height + 0.50m projection + 0.50m into the ground ) the distance between the two rows being 1.25 m and the spacing of posts being 2m in both rows with two horizontal posts with 0.5m overlap on either side and braces at 2mc/c including longitudianl and transverse middle braces to step up and providing a platform with country wood planks of 40mm thick and 1 m width etc., ( To a height of 8m ) in a complete firm using coir and nails 1m run.b) 10.5m height in addition of 2.5m ht	1386.66	Rmt											215.00	298131.90	215.00	298131.90
62	Supplying and Fixing of Aluminium Dye Cast Letters of approved size and colour. The colour treatment process is achieved with MRF colour coat and then the processed coloured layer is set into the kiln for the heat treatment process for the following size <b>Tamil Brass Letters c) 15cm SR Pg 68 It-281c</b>	2040.00	No											16.00	32640.00	16.00	32640.00
63	Supplying and fixing of following LED OUTDOOR FITTINGS (LIGHT EMITTING DIODE) a.25W LED Street Light Fitting with LED <b>SR Pg 113 It- 18a)</b>	1193.00	No											4.00	4772.00	4.00	4772.00
64	Supplying and fixing of following LED OUTDOOR FITTINGS (LIGHT EMITTING DIODE) a.LED Flood Light 120W with Integrated Driver <b>SR Pg 113 It- 19b)</b>	10365.00	No											1.00	10365.00	1.00	10365.00
65	Supplying and fixing of Precast slab 50mm thick made in CC 1:3:6 (One of cement, three of M sand and six of hard broken stone jelly) using 20mm size hard broken stone jelly including the cost of slab, moulding, laying, curing, transportation, pointing for approach slab and other similar works as directed by the departmental officers.	407.71	Sqm											6.00	2446.26	6.00	2446.26
66	Supply and filling in foundation and basement with gravel in layers of 150mm thickness well watered, rammed and consolidated complying with relevant standard specification including cost of gravel etc., all complete and as directed by departmental officer.	321.85	Cum											2.90	933.37	2.90	933.37



SI No	Description of work	Rate	Unit	Terrace		RJD Office and Girls OBR		B Pro Section		Boys OSR		Library		Outer		Total	
				Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
67	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 relavent standard specification. The paint should be supplies by the contractors at his own cost. (The quaility and shade of the paint should be got approved by the Executive enginner before use)	240.20	Sqm											183.20	44004.64	183.20	44004.64
68	Dismantling BW in CM under 3m High <b>SR PG 21 It- B14</b>	270.27	Cum											7.70	2081.08	7.70	2081.08
69	Painting two coats with ready mixed Plastic Emulsion Paint of first class quality paint of approved colour and shade over a Old painted wall surfaces or other similar works including cost of scrapping, necessary brushes, labour charges, patty etc., complying with relavent standard specification. The paint should be supplies by the contractor's at his own cost. (The quaility and shade of the paint should be got approved by the Executive enginner before use)	171.61	Sqm											3935.10	675302.51	3935.10	675302.51
70	Supplying, fabricating, erecting and fixing Hilux (or) Equivalent Board False Ceiling upto a ceiling height of 4.5m from floor level Using Hilux Board Plain Sheets (10mm thick) <b>SR Pg 53 -</b>	972.00	Sqm									17.10	16621.20			17.10	16621.20
71	Supplying and fixing of 18W LED 3000K Square Type Recessed Fitting with LED <b>SR Pg 115 It-16(B)</b>	1384.00	No									3.00	4152.00			3.00	4152.00
72	SUPPLY & INSTALLATION OF AIR-CONDITIONER WITH COPPER COIL A.1.5 TR Split Type AC Unit (5 Star Rated) <b>SR Pg 142 1(a)</b>	44160.00	No									1.00	44160.00			1.00	44160.00
73	Supply and installation of 5 KVA capacity Automatic Voltage Stabilizer with time delay relay <b>SR Pg 142 1(d)</b>	4940.00	No									1.00	4940.00			1.00	4940.00
74	Supplying and fixing of Hydraulic Door Closer of various sizes of approved quality using Aluminium Extruded Section Body Tubular Type Universal Hydraulic Door Closer with Double Speed Adjustment like HARDWYN (make) 'GAZEL' (or) Equivalent (with ISI Monogram) <b>SR Pg 39 It-90</b>	1008.00	No									2.00	2016.00			2.00	2016.00

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				Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
75	Supplying, fixing, connecting and commissioning of 20 AMPS Metal clad socket for Air Conditioner (Superior variety) combined with 20 AMPS Superintendent of Police MCB in Manufactures mount box fixed flush with the wall including cost of material, necessary interconnection etc., switch on suitable angle iron frame work with necessary T.W entry boxes with earthing etc., all complete and as directed by the departmental officers. (The quality and brand of fittings should be got approved from Executive Engineer before use)	1839.00	No									1.00	1839.00			1.00	1839.00
76	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, specials, etc., all complete, (Open wiring)	707.47	No									3.00	2122.41			3.00	2122.41
	<b>Sub- Total - I</b>				<b>1873091.99</b>		<b>950848.60</b>		<b>42651.62</b>		<b>1531369.97</b>		<b>3078089.87</b>		<b>4133751.69</b>		<b>11609803.75</b>