

Name of work Additional Construction of first floor over rear wing and Library in Tiruppur Kumaran College for Women at Tiruppur.

TENDER SCHEDULE

Sl. No	Quantity	Description of work	TNPB / No	Rate in figures & in words	Unit in figures & in words	Amount
1	68.00 M ³ (Sixty eight cubic metre)	Dismantling, clearing away and carefully stacking materials useful for reuse for any thickness of Brick or stone masonry in cement mortar wall under 3m high as directed.	18		1 m3 (One cubic metre)	
2	1848.00 M ² (One thousand eight hundred and forty eight square metre)	Dismantling, clearing away and carefully stacking materials useful for reuse for any thickness of weathering course as directed.	18		1 m2 (One square metre)	
3	15.30 M ³ (Fifteen point three zero cubic metre)	Dismantling, clearing away and carefully stacking materials useful for reuse of any thickness of Reinforced cement concrete etc complete	18		1 m3 (One cubic metre)	

Contractor

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Sl. No	Quantity	Description of work	TNPB / No	Rate in figures & in words	Unit in figures & in words	Amount
4		SUPPLYING AND ERECTING CENTERING for sides and soffits including supports and strutting upto 3.29m high for plane surfaces such as RCC SLABS, RECTANGULAR BEAMS, TEE OR ELL BEAMS, LINTELS, BED BLOCKS, STAIRCASE WAIST and landing slabs, landing beams, canopy etc with all cross bracings using mild steel sheets of size 90cm x 60cm and BG 10 stiffened with welded mild steel angles of size 25mm x 25mm x 3mm for boarding laid over country wood joists of size 10cm x 6.50cm spaced at about 90cm centre to centre supported by Casuarina props of 10cm to 13cm diameter spaced 75cm centre to centre at suitable intervals etc complete complying with standard specification and as directed.	30 36 VI & 63 V.VI			
	785.00 M ² (Seven hundred and eighty five square metre)	a. For Column footing, plinth beams, bed blocks, templates, staircase, steps, piers raft beam, raft slab etc			1 m2 (One square metre)	

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	2855.00 M ² (Two thousand eight hundred and fifty five square metre)	b. For Slab, rectangular tee or Ell beams, lintel, staircase, waist landing slab, landing beams etc			1 m2 (One square metre)	
	152.00 M ² (One hundred and fifty two square metre)	c. For circular column			1 m2 (One square metre)	
	345.00 M ² (Three hundred and forty five square metre)	d. For facia work			1 m2 (One square metre)	
5	1703.00 M ² (One thousand seven hundred and three square metre)	Providing additional strutting to centering of RCC slabs of plain surface for every additional 1.0m height of part there of but not less than 30cm over the initial 3.29m height from floor level using casurina props of 10cm to 13cm dia including cross bracing etc complete and as directed.			1 m2 (One square metre)	

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6		Cement Concrete 1:1½:3 (One cement, one and half sand and three aggregate) using machine crushed 20mm gauge hard broken granite stone jelly for all reinforced cement concrete works connected to this work excluding centering, shuttering and cost of reinforcement, grills placed in position, but including laying, vibrating, curing and finishing fixing fan clamps in the RCC floor and roof slab works wherever necessary and bearing surfaces of the wall at the sides and bottom of the slab, beams shall be finished smooth with Cement mortar 1:3 (One cement and three sand) and kraft paper laid without clamping extra cost etc complete complying with standard specification and as directed.	30 V, VI (S3) VII.3			
	409.00 M ³ (Four hundred and nine cubic metre)	a. Superstructure in first floor			1 m3 (One cubic metre)	

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Sl. No	Quantity	Description of work	TNPB / No	Rate in figures & in words	Unit in figures & in words	Amount
7	15.50 M ³ (Fifteen point five zero cubic metre)	CEMENT CONCRETE 1:3:6 (One cement, three sand and six aggregate) using machine crushed 40mm gauge hard broken granite stone jelly for DUMMY COLUMN all reinforced concrete works connected to this work excluding centering, shuttering and cost of reinforcement grills placed in position but including laying, vibrating, curing and finishing and as directed.	30		1 m ³ (One cubic metre)	
8	520.00 Qtl (Five hundred and twenty quintal)	Supplying, fabricating and placing in position steel reinforcement using mild steel / ribbed for steel rods for all RCC works as per the design given including cost of steel and binding wire in all floors complying with standard specification and drawings. Using M.S Rods / RTS Rods	86 V VI (S6) VII (S6) VII.3		1 Qtl (One quintal)	

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Sl. No	Quantity	Description of work	TNPB / No	Rate in figures & in words	Unit in figures & in words	Amount
9	1.30 M ³ (One point three zero cubic metre)	Brick work in cement mortar 1:5 (one cement and five sand) using second class ground moulded bricks of size 9" x 4 ³ / ₈ " x 2 ³ / ₄ " including finishing neatly and curing etc complete complying with standard specification. (masonry projection wherever necessary for obtaining required elevation shall be done without extra cost)	31 V.VI (S2) V.VI (5A) VII		1 m3 (One cubic metre)	
10		a. Superstructure in first floor				
		Brick work in cement mortar 1:6 (one cement and six sand) using second class chamber burnt bricks of size 9" x 4 ³ / ₈ " x 2 ³ / ₄ " for the following including curing etc complete complying with standard specification. (masonry projection wherever necessary for obtaining required elevation shall be done without extra cost)	31 and Similar V.VI (S4) VII			
a	274.00 M ³ (Two hundred and seventy four cubic metre)	Superstructure in first floor			1 m3 (One cubic metre)	

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Sl. No	Quantity	Description of work	TNPB / No	Rate in figures & in words	Unit in figures & in words	Amount
b	72.50 M ³ (Seventy two point and five zero cubic metre)	Superstructure in second floor			1 m3 (One cubic metre)	
11		BRICK PARTITION WALL of the 11.50 cm thick using second sort table moulded chamber burnt stock brick of size 9"x4 ³ / ₈ "x2 ³ / ₄ " in cement mortar 1:3 (one cement and three sand) 12mm thick complete complying with standard specification. Note : Wherever reinforcement is considered necessary hoop iron reinforcement shall be provided by the contractor as directed during execution without any extra cost.	31 of TNBP V,VI (S3) VII.3			
	110.00 M ² (One hundred and ten square metre)	a. For superstructure in second floor			1 m2 (One square metre)	

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Sl. No	Quantity	Description of work	TNPB / No	Rate in figures & in words	Unit in figures & in words	Amount
12	353.00 M ³ (Three hundred and fifty three cubic metre)	WEATHERING COURSE CONCRETE using best quality broken brick jelly of size 20mm uniform gauge in pure slaked lime (no sand to be added) over the RCC roof slabs in the proportion of brick jelly to lime being 32:12.5 by volume and laid over in a single layer and consolidated to the required designed and finished thickness by beating the concrete with wooden beaters of approved pattern keeping the surface constantly wet by sprinkling lime jaggery water as per standard specification etc complete as directed.	Similar to 27,28 44 J V, VI (S5A) VII		1 m3 (One cubic metre)	
13	1800.00 M ² (One thousand and eight hundred square metre)	Finishing the roof with combination motar 1:1:6 (One cement, one lime and six sand) 20mm thick in all floors etc complete complying with standard specification and as directed.	-		1 m2 (One square metre)	

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Sl. No	Quantity	Description of work	TNPB / No	Rate in figures & in words	Unit in figures & in words	Amount
14	340.00 Rm (Three hundred and forty running metre)	Providing and fixing PVC RAIN WATER DOWN FALL PIPES of 110mm diameter with necessary shoes, bends and other specials, clamps, screws, nails, teakwood plugs etc complete including cost of all materials. The rate is to include cost of removable cost iron gratings of appropriate size. The size of teakwood of plugs to be used is 150mm x 25mm in front and 200mm x 75mm in rear and all other sides with a depth of 100mm. The pipe is to be fixed by means of "U" clams at the centre of the pipe screwed to the plugs. Special type of "U" clamps at the centre of the pipe to be fixed in addition to these for more than three metres pipe length, complete complying with standard specification.	119 A IX S2		1Rm (One Running metre)	
15	1745.00 M ² (One thousand seven hundred and forty five square metre)	Providing GRANOLYTHIC FLOOR FINISH of the 20mm thick in Ground, first and second floor with plain cement concrete 1:2:4 (One cement, two sand and four broken stone jelly) using hard broken granite stone chips of size 10mm to 12mm and top rubbed smooth complying with standard specification and as directed.	SS 39A VI (35 A) 5,2,3 16 & 17		1 m2 (One square metre)	

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Sl. No	Quantity	Description of work	TNPB / No	Rate in figures & in words	Unit in figures & in words	Amount
16	97.50 M ² (Ninety seven point five zero square metre)	Manufacturing, supplying and fixing of mild steel doors made out 40x40x6mm MS angle for outer frames 25x25x6mm MS angle of outer frame of shutters. The entire shutter are shall be with CRC sheet (10 kg) with 4 nos of stiffners using T2 section at equal intervals horizontally. The corners of the framed shutters with CRC sheets shall be welded by adopting flash burnt welding or any other suitable method. Provision to made 3 Nos of hinges, incase of single shutter / 6 Nos of hinges incase of double shutters of 125x31x125mm size single placed at appropriate intervals and provision shall be made of tower bolt 2 nos of aldrop 1 no the frame shall be provided with 6 nos of hold fast of 200mm length using 50x6 mm. Flat the entire framed and shutter shall be provided with one coat of red oxide primer including cost of hold fast, hinges, locking arrangements, handles, wind appliance etc including cost of dismantling the masonry and making holes in RCC and make good and as directed.	Special		1 m2 (One square metre)	

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Sl. No	Quantity	Description of work	TNPB / No	Rate in figures & in words	Unit in figures & in words	Amount
17	4.60 M ² (Four point six zero square metre)	Supplying, fabricating and fixing in position of aluminum anodised natural colour matt finish door using frame section 101.60x44.45x3.18 mm for vertical style and horizontal piece, shutter section for top middle and vertical style of size 50x44.45x2.50 mm bottom section of size 100x44.45x2.50 mm half glazed and half PLB board fully 12mm thick PLB board / fully 5.5mm thick glazed door using rectangular aluminum box section with necessary accessories such as rubber beading, aluminum clips, best double action floor springs / door closer handles, locks and glass including all materials, labour and power consumption charges required for fabrication if necessary chipping, dismantling making necessary holes in RCC columns, beams or masonry wherever necessary with power drill to the extent required and made good to the original condition after fixing etc complete. The aluminum surface is to be anodised with matt finish under electrically controlled condition in accordance with ISI specification 1868 / 1962 of anodic film thickness of not less than 15 microns (fifteen) of all section All the materials should be got approved by the college management before fixing in postion.			1 m2 (One square metre)	

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18	282.00 M ² (Two hundred and eighty two square metre)	<p>Supplying, fabricating and fixing in position of anodized aluminium natural colour matt finish, sliding window in two track in all floors using aluminium section of size for frames using 62x37mm for bottom track, 62 x 31.50mm for top two sides. Shutter using 40x18mm for Top, bottom, vertical and interlacking vertical section. All the two shutters with sliding arrangements, the bottom section should have cutter arrangements so as to drain the water entering and made with extruded aluminium section for outer frames with necessary accessories such as rubber beading, aluminium clips, best quality rubber beading, handle, stoppers and fixing 4mm thick closer sheet glass including all required fittings including fabrication etc complete. Necessary dismantling making holes in RCC columns, beams, masonry wherever necessary with powe drill to the extent required and made good to the original conditions after fixing as directed.</p> <p>The aluminium surfaces is to be anodised with matt finish under electrically controlled condition in accordance with ISI 1868 / 1962 specifications for an average anodic film thickness of not less than 15 (fifteen) microns. All material should be got approved.</p>	Special		1 m2 (One square metre)	
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Sl. No	Quantity	Description of work	TNPB / No	Rate in figures & in words	Unit in figures & in words	Amount
19	4.60 M ² (Four point six zero square metre)	Supplying and erecting pull and push type Rolling shutter with ISI mark of approved size and section using to gauge CRCL lath section. The shutter and hood cover shall be painted with one coat of red oxide primer and rate is inclusive of hood cover, runners, GI wire, transportation charges etc complete complying with standard specification and as directed.	84A		1 m2 (One square metre)	
20	157.50 Rm (One hundred and fifty seven point five zero Running metre)	Fabricating, suppling and fixing of one hand rail over parapet wall with 50mm dia MS pipe 16mm (or) 16mm square rod as legs, both welded infact with a half of 20x6 mm MS flat and the whone setup and mounted on parpet wall by dismantling brick work concreting with cement concrete 1:2:4 and redoing the surface as directed	Special		1 RM (One running metre)	
21	38.00M ² (Thirty eight square metre)	Roofing with best quality AC sheets (corrugated) 6mm thick grey colour including cost of "U" or "J" bolt, bitumen washers and cutting the sheets to required sizes if found necessary during execution etc complete complying with standard specification and as directed.	49		1 m2 (One square metre)	

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Sl. No	Quantity	Description of work	TNPB / No	Rate in figures & in words	Unit in figures & in words	Amount
22	135.00 Kg (One hundred and thirty five Kilo gram)	Supplying fabricating and placing in position of L angle purlin with necessary welding drilling and fixing clamps etc including one coat of red oxide primer as directed.	86		1 Kg (One Kilo gram)	
23	4140.00M ² (Four thousand one hundred and forty square metre)	Special ceiling plastering and finishing all the RCC exposed surfaces such as RCC slabs, sunshades, canopies, staircase steps, landing slab etc, with cement mortar 1:3 (One cement and three sand) 10mm thcik including hacking the surfaces and providing necessary cement mortar nosing beading as per standard size and specification wherever necessary using the same mix etc complete.	56,57 V,VI (S4) 3		1 m2 (One square metre)	
24	4215.00M ² (Four thousand two hundred and fifteen square metre)	PLASTERING the surface of walls with cement mortar 1:5 (One cement and five sand) 12mm thick in all floors complying with standard specification	56,57 V,VI (S4)		1 m2 (One square metre)	

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Sl. No	Quantity	Description of work	TNPB / No	Rate in figures & in words	Unit in figures & in words	Amount
25	133.00M ² (One hundred and thirty three square metre)	Providing Black Board in two layers with first layers in cement mortar 1:5 (One cement and five sand) of 20mm thick and the second layer in combination mortar 1:1:6,(One cement one lime and six sand) 20mm thick and providing bond all row the block board in cement mortar 1 :5,(One cement and five sand) 20mm thick and 50mm etc complete including cost of all materials.	Special		1 m2 (One square metre)	
26	8360.00M ² (Eight thousand three hundred and sixty square metre)	WHITE WASHING ONE COAT using best freshly burnt white shell lime in all floors including cost of lime and other materials, brushes, scaffolding charges etc complete complying with standard specification and as directed. The rate is inclusive of cost of gum, best quality of blue powder etc	63 V.VII.3		1 m2 (One square metre)	
27	5020.00M ² (Five thousand and twenty square metre)	WHITE WASHING TWO COATS using best freshly burnt white shell lime in all floors including cost of lime and other materials, brushes, scaffolding charges etc complete complying with standard specification and as directed. The rate is inclusive of cost of gum, best quality of blue powder etc	63 V.VII.3		1 m2 (One square metre)	

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Sl. No	Quantity	Description of work	TNPB / No	Rate in figures & in words	Unit in figures & in words	Amount
28	3347.00M ² (Three thousand three hundred and forty seven square metre)	Painting two coats with best approved quality of cement paint over the existing plastered surface and ceiling including cleaning preparing the surface and curing cost of paint other materials, brushes, scaffolding etc complete as per standard specification	30 & 72V VII (S3) VII.3		1 m2 (One square metre)	
29	227.00M ² (Two hundred and twenty seven square metre)	PAINTING NEW IRON WORKS (Two finishing coats Without Primer) for doors, windows and ventilators, iron bars, weldmesh, wiremesh, screen steel bars, flats and other similar works etc with two coats of approved first quality of synthetic enamel paint over the existing red oxide primer in all floors. The rate is inclusive of cost of all materials and labour, brushes and scaffolding charges etc complete complying with standard specification.	66 V, VI (S3) VII.3		1 m2 (One square metre)	

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