TENDER CODING SHEET (RATE EXCLUSIVE OF GST TO BE FILLED UP BY THE TENDERER IN THIS CODING SHEET)

## NAME OF WORK : RENOVATION OF EXISTING WORKING WOMEN'S HOSTEL BUILDING AT VEERAMANIKKAPURAM PALAYAMKOTTAI IN TIRUNELVELI CITY UNDER SOCIAL WELFARE DEPARTMENT

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
1.1	Earth work excavation for foundation in all soils (including refilling) a. 0 to 2 mt.	26.80	1 Cum		
13.1	Filling with excavated earth	11.08	1 Cum		
39	Supplying and fixing of MS Grills in position	57.80	1 Kg		
40	Painting 2 coats - New "wood work"	78.60	1 Sqm		

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Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
41	Painting 2 coats - New "iron work"	11.40	1 Sqm		
52	Supplying and laying of PVC Water supply (ASTM) pipe a. 32 mm dia	35.00	1 Rmt		
	b. 25 mm dia	185.00	1 Rmt		
	c. 20 mm dia	57.00	1 Rmt		
69	Electrical arrangements Supplying and fixing of 15 Amp 3 pin plug socket	32	Each		

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
74	Charges for assembling and fixing of ceiling "Fan"	3	Each		
2.1.1	Annexure Supplying and filling the foundation and basement with gravel	12.30	1 Cum		
2.1.3	Supplying and filling the Foundation and Basement with Crushed stone sand	2.10	1 Cum		
2.1.6	Supplying of Stone dust	4.30	1 Cum		
3.1.1	C.C.1:5:10 using 40mm size HBSJ for Foundation & Basement using crushed stone sand	5.80	1 Cum		

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
3.2.1	P.C.C. 1:2:4 using 20mm size HBSJ for Foundation & Basement and other similar works using crushed stone sand	1.40	1 Cum		
6.6.1	Brick work in C.M. 1:5 (F& B) using Kiln Burnt Country bricks of size 22 x 11 x 7 cm (8 <sup>3</sup> / <sub>4</sub> " x 4 <sup>1</sup> / <sub>4</sub> " x 2 <sup>3</sup> / <sub>4</sub> ") using crushed stone sand	26.70	1 Cum		
9.6.1	Brick work in C.M. 1:6 using Kiln Burnt Country bricks of size 22x11x7cm (8 <sup>3</sup> / <sub>4</sub> " x 4 <sup>1</sup> / <sub>4</sub> " x 2 <sup>3</sup> / <sub>4</sub> ") using crushed stone sand a. In Ground Floor	0.50	1 Cum		
10.6.1	Brick partition work in C.M. 1:4 using Kiln Burnt Country bricks of size 22x11x7 cm (8 <sup>3</sup> / <sub>4</sub> "x4 <sup>1</sup> / <sub>4</sub> "x2 <sup>3</sup> / <sub>4</sub> ") 110 mm tk (B.P.) using crushed stone sand b. In Ground Floor	9.00	1 Sqm		

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
16.1.1	Precast Jally ventilator 50mm thick using standardised concrete mix M20 Grade using crushed stone sand a. In Ground Floor	0.50	1 Sqm		
18.1	Formwork using M.S.Sheet c. For Square and rectangular columns and small quantities	1.00	1 Sqm		
21.5.2	Supplying and fixing of soild UPVC door shutter with frame	4.80	1 Sqm		
22.3.3	Cup board/ward robes double leaf shutters using 9mm thick phenol bonded BWR grade plywood, TW frames, styles & rails including two coat enamel paint over one coat primer with brass screws	78.60	1 Sqm		

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
23.2.1	Supplying and fixing of 4mm thick pin headed glass panels with Aluminium beedings	3.50	1 Sqm		
26.1	Flooring in C.C.1:5:10 using 40mm size HBSJ using crushed stone sand	2.10	1 Cum		
28.1	Floor plastering in C.M. 1:4, 20mm thick. using crushed stone sand	10.60	1 Sqm		
29.8.1	Supplying and fixing of Glazed tiles using Grout (Tile Joint Filler) using crushed stone sand	38.70	1 Sqm		

			figures and in words	
Supplying and laying of Floor ceramic tiles (Anti-skid) using Grout (Tile Joint Filler). using crushed stone sand	30.40	1 Sqm		
Repointing of Ceramic floor tiles (Anti-skid) using Grout	30.40	1 Sqm		
Hydraulic Pressed tiles (23 cm x 23 cm x 2 cm thick) mixed with water proofing compound @ 2% by weight of cement using crushed stone sand	35.90	1 Sqm		
Plastering in C.M. 1:5, 12 mm tk. using crushed stone sand	227.80	1 Sqm		
] ; ;	Repointing of Ceramic floor tiles (Antiskid) using Grout  Hydraulic Pressed tiles (23 cm x 23 cm x 2 cm thick) mixed with water proofing compound @ 2% by weight of cement using crushed stone sand  Plastering in C.M. 1:5, 12 mm tk. using	Repointing of Ceramic floor tiles (Antiskid) using Grout  Repointing of Ceramic floor tiles (Antiskid) using Grout  Hydraulic Pressed tiles (23 cm x 23 cm x 2 cm thick) mixed with water proofing compound @ 2% by weight of cement using crushed stone sand  Plastering in C.M. 1:5, 12 mm tk. using  227.80	Repointing of Ceramic floor tiles (Antiskid) using Grout  Repointing of Ceramic floor tiles (Antiskid) using Grout  Hydraulic Pressed tiles (23 cm x 23 cm x 2 cm thick) mixed with water proofing compound @ 2% by weight of cement using crushed stone sand  Plastering in C.M. 1:5, 12 mm tk. using  227.80 1 Sqm	Repointing of Ceramic floor tiles (Antiskid) using Grout  Hydraulic Pressed tiles (23 cm x 23 cm x 2 cm thick) mixed with water proofing compound @ 2% by weight of cement using crushed stone sand  Plastering in C.M. 1:5, 12 mm tk. using  227.80 1 Sqm

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
34.1	Plastering in C.M. 1:4, 12 mm tk. using crushed stone sand	45.00	1 Sqm		
35.1.1	Plastering in CM 1:3, 12 mm tk. with WPC using crushed stone sand	74.40	1 Sqm		
38.4.3	Painting the old walls with two coats of Oil Bound Distemper over existing wall surfaces including thorough scrapping	943.00	1 Sqm		
38.6	Primer coat using one coat of white cement over the cement plastered/ concrete new wall surfaces or other similar works	11.20	1 Sqm		

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
40.1	Two coats of painting over the old wood work including thorough scrapping	48.30	1 Sqm		
41.1	Two coats of painting over the old iron work including thorough scrapping	78.60	1 Sqm		
47.1	Supplying and fixing of Brass chromium Plated Towel Rail 60cm long and 20mm dia with Brackets	3	Set		
54.1.1	Supplying and fixing of 15mm dia Half turn Brass core C.P. Tap (long body)	12	Each		

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Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
54.2.1	Supplying and fixing of 15mm dia Half turn Brass core C.P. Tap (Short body)	23	Each		
54.2.3	Supplying and fixing of Chromium plated Angle valve	5	Each		
54.2.4	Supplying and fixing of Brass Chromium plated Pillar Tap (Heavy type) 15mm dia	22	Each		
56.3.2	Supplying and fixing of Indian Water closet white glazed (Oriya type) of size 580 x 440mm with PVC SWR Grade 'P' or 'S' trap - in G.F. using crushed stone sand	2	Each		

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Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
56.4.2	Supplying and fixing of Indian Water closet white glazed (Oriya type) of size 580 x 440mm with PVC SWR Grade 'P' or 'S' trap - Other than G.F. using crushed stone sand	4	Each		
58.3	Supplying and fixing of PVC SWR pipe (Soil line) with ISI mark - type 'B'. a. 110 mm dia.	54.00	1 Rmt		
	b. 75 mm dia	40.00	1 Rmt		
60.1	Supplying and fixing of PVC Nahani trap (4way/2way) using crushed stone sand	2	Each		

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
61.1.1	Supplying and fixing of UPVC Non Pressure Pipe of SN8 SDR 34 (S 16.5) as per IS 15328/2003 a) 110mm dia UPVC Non Pressure pipe	15.00	1 Rmt		
	b) 160mm dia UPVC Non Pressure pipe	15.00	1 Rmt		
64.1	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990. b. Light point without ceiling rose	2	Each Point		
68.2.2	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for 5 amps 5 pin plug socket point at Convenient Places.(Open wiring)	14	Each Point		
75.1.2	Supplying and delivery of fan with electronic dimmer with ISI mark a) 48" (1200mm) sweep	3	Each		

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
75.1.3	Supplying and fixing of Stepped Electronic 300W/450W Square Type Fan Regulator	22	Each		
75.1.4	Supplying and fixing of Wall mounting Fan 300mm sweep	14	Each		
77.5.1	Run off 2 Wires of 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 (Open Wiring)	180.00	1 Rmt		
77.7.1	Run off 2 Wires of 2.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 (Open Wiring)	225.00	1 Rmt		
100	Supplying and fixing of 9 watts LED Bulb	38	Each		

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Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
101	Supplying and fixing of 25 watts LED bulb with street light fittings	4	Each		
102	Supplying and fixing of 4'18 watts crystal LED tube light fittings	11	Each		
124	Supplying and delivery of following dia GI pipes 'B' class in position a) 50mm dia GI pipe	28.40	1 Rmt		
	b) 40mm dia GI pipe	29.20	1 Rmt		
125	Fabrication and fixing in position of Truss members and Purlins by using 50mm dia GI pipe	280.90	1 Kg		

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
140	Supplying of 3 to 10mm size HBS jelly etc.,	4.30	1 Cum		
141	Conveyance charges of 63mm tk Paver block including loading and unloading	57.00	1 Sqm		
143	Labour charges for spreading and levelling of 3mm to 10mm size HBSJ and stone dust to the required thickness with compaction by earth rammer and laying Paver block	57.00	1 Sqm		
165	Supplying and fixing in position of colour Galvanium sheet roof 0.47mm thick	15.70	1 Sqm		

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Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
167	Supplying and fixing of 200mm dia 6mm tk circular MS flange	8	Each		
168	Supplying and fixing of necessary required MS bolts & nuts	0.90	1 Kg		
344.3	Supplying and fixing of PVC / Fibre Glass Framed 5.5mm thick Mirror of size 600mm x 450mm, Shelf type with Hard Board Backing	22	Each		
361.1	Supplying and laying of Concrete designer tiles flooring in C.M. 1:3 (one of cement and three of crushed stone sand) 20mm thick	4.50	1 Sqm		

Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
Repointing of Concrete designer tiles flooring by using white / colour cement	21.00	1 Sqm		
Providing wooden melamen polish for main door new wood work	9.00	1 Sqm		
Supplying and fixing of Stain free Nano polish Vetrified tiles in CM 1:3, 20mm tk using crushed stone sand	5.40	1 Sqm		
Supplying and laying of Granite tiles flooring (Super fine polished with machine cut edges) of size 2'x1', 10mm tk (Jet Black) over cement plastering in CM 1:3 20mm thick using crushed stone sand	2.20	1 Sqm		
	Repointing of Concrete designer tiles flooring by using white / colour cement  Providing wooden melamen polish for main door new wood work  Supplying and fixing of Stain free Nano polish Vetrified tiles in CM 1:3, 20mm tk using crushed stone sand  Supplying and laying of Granite tiles flooring (Super fine polished with machine cut edges) of size 2'x1', 10mm tk (Jet Black) over cement plastering in CM	Repointing of Concrete designer tiles flooring by using white / colour cement  Providing wooden melamen polish for main door new wood work  Supplying and fixing of Stain free Nano polish Vetrified tiles in CM 1:3, 20mm tk using crushed stone sand  Supplying and laying of Granite tiles flooring (Super fine polished with machine cut edges) of size 2'x1', 10mm tk (Jet Black) over cement plastering in CM	Repointing of Concrete designer tiles flooring by using white / colour cement  Providing wooden melamen polish for main door new wood work  Supplying and fixing of Stain free Nano polish Vetrified tiles in CM 1:3, 20mm tk using crushed stone sand  Supplying and laying of Granite tiles flooring (Super fine polished with machine cut edges) of size 2'x1', 10mm tk (Jet Black) over cement plastering in CM	Repointing of Concrete designer tiles flooring by using white / colour cement  Providing wooden melamen polish for main door new wood work  Supplying and fixing of Stain free Nano polish Vetrified tiles in CM 1:3, 20mm tk using crushed stone sand  Supplying and laying of Granite tiles flooring (Super fine polished with machine cut edges) of size 2'x1', 10mm tk (Jet Black) over cement plastering in CM

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Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
534	Supplying and erecting in position of water purifier 500 litres capacity Industrial Model Reverse Osmosis water-cum-Purifier	1	Set		
544	Supplying and fixing of smoke control automatic Sanitary napkin disposal machine (disposal capacity 25 Nos/day)	1	Each		
568	5 KVA Inverter UPS Inverter Panel Supplying and installation of UPS Inverter panel 5 KVA static UPS without Battery 48V static UPS to support Computer load & Non Computer load. Cost does not include batteries and battery stand requires 4 batteries only	1	Each		
568.1	Supplying and installation of Battery pack non SMF - 100 AH inverter type battery cost of SF stand master 100 AH flat inverter batteries capable of deep discharing for longer back up time	6	Each		

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
568.2	Supplying and fixing of Battery stand for 100 AH cost of a standard battery stand for housing 100 AH SMF batteries, the cost is including battery terminal and inter linking cables	1	Each		
584	Supply and fixing of water CO <sub>2</sub> stored pressure type 9 litres capacity Fire extinguisher as per New IS 15683 complete	1	Each		
585	Supply and fixing of stored pressure ABC (Mono Ammonium Phospate) powder type Fire Extinguisher of 6 Kg capacity as per IS:15683	6	Each		
597	CCTV WORKS Supply and installation of 2 Mega Pix Bullet Network camera 3.6mm fixed Lens (2.80mm optional) smart IR upto 30m IR Distance (outdoor camera)	5	Each		

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
598	Supply and installtion of Network Video Recorder for CCTV 16 channel - 2 SATA (2 Nos. Hard disk)	1	Each		
599	Supply and installation of Network Switch manageable L2 PoE switch, 24 Port, 10/100/1000, 2 SFP Ports with support for auto VLANS and support features like IP4/IP6, QoS, advanced security management, POE management along with 4U Rack should support 802.3 AF (802.3 at Type 1)	1	Each		
600	Supply and installation of 2 TB Hard Disk for the above NVR for extended recoding	1	Each		
601	Supply and installation of surface mounted 4 U metal Rack with Lock & Key arrangements	1	Each		

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Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
602	Supply and laying of HDMI cable 5 meters	1	Each		
603	Supply and fixing of Weather proof Camera Junction Box of size 4"x4" for out door cameras	5	Each		
604	Supply and installation of Unarmoured LAN & CCTV cable CAT 6	350.00	1 Rmt		
605	Supply and fixing of conduit pipe 25mm(1") (16 gauge)	200.00	1 Rmt		

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
606	Installation Testing and Commissioning of whole CCTV system with proper handing over & with proper documentation	1	Job		
609	Supplying, delivery and installation of 32" LED HD Ready Smart LED TV with multiple use commercial LED TV including cost of stabilizer	2	Each		
614	Providing and fixing the fly proof Velcro Mosquito Net	92.20	1 Sqm		
615	Supplying and fixing of Polyester cotton (Polyester 65% & Cotton 35%) Jaquar cloth with 260 GSM curtain cloth 48" width french 3 Folded fleet type stitching of approved colour	75.40	1 Sqm		

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
624	Supplying and fixing of Polycarbonate sheet 6mm thick in position with necessary fittings	10.40	1 Sqm		
625	Supplying and delivery of Mattress of size 75"x36"x4" with primary material of Foam and coir and quilt, type-sandwich, Bed size-Single	61	Each		
626	Providing and fixing for the paint coated mild steel double decker bunk bed of size (0.91mx1.98m) using MS tube size 40x40 square tube, 25x25 square tube, 18 gauge MS sheet with side ladder and bed of 16 Gauge CR sheet	14	Each		
627	Supplying and fixing of wall mounted foldable study table of size (0.60mx0.40m) using 19mm thick of MDF board / Prelaminated BSL water proof plywood	46	Each		

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
628	Supplying and delivery of Steel table of size 4'x2'x2'-6" using top 19mm thick of MDF board / Prelaminated BSL water proof plywood legs made up of 1"x1" square tube and top alround frame made up of 1"x1" square tube, two drawers using 18 gauge MS sheet with lock & key arrangements	1	Each		
629	Supplying and delivery of Plastic Chair with arm	47	Each		
630	Supply and fixing of 4'x3' Aluminium frame Notice Board	1	Each		
631	Supply and fixing of 3 seater Sofa set (Teak wood) with cushion	1	Each		

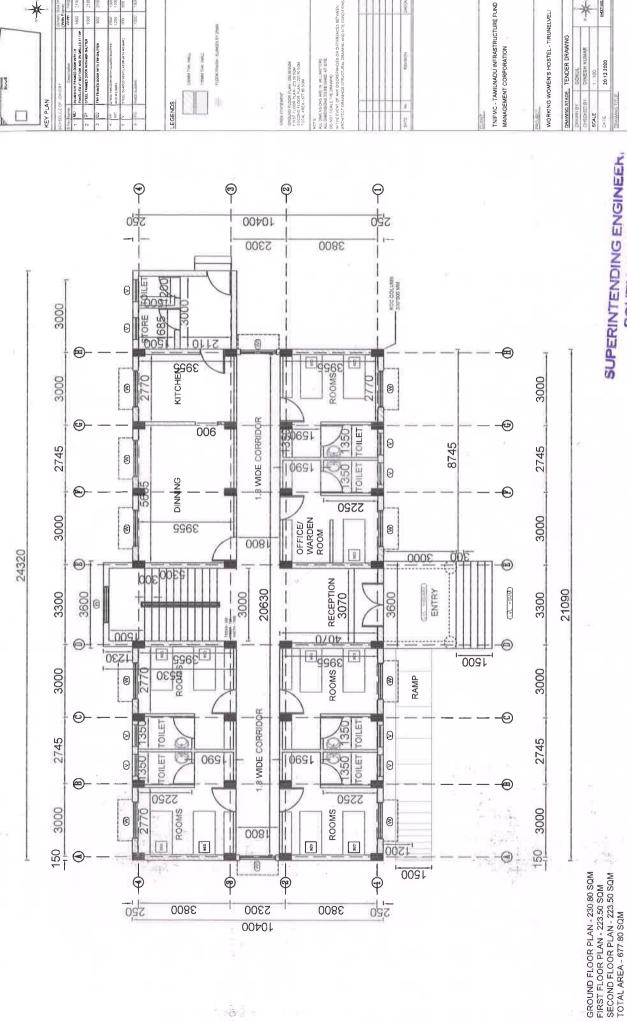
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Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount	
632	Supplying and delivery of Iron Table stand with press Holder, Foldable & Height Adjustable / Ironing Board with Multi function Ironing table / Ironing Board covers with foam pad	10	Each			
633	Supplying and delivery of Pillow (16"x24") filled with Recron	61	Each			
634	Supplying and delivery of Pillow cover (16"x24") using cotton fabric	122	Each			
635	Supplying and delivery of Bed sheet cover suitable size of single cot Mattresses	122	Each			
636	Supplying and fixing of 25mm dia 1mm thick, Stainless steel 304 Grade hollow tubes for the fixing of window curtains with ornamental brackets on either side	53.90	1 Rmt			

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
637	Construction of Percolation well / Rain water harvesting pit of 1.20m dia upto 2.50m depth with Brick masonry in C.M. 1:5	2	Each		
638	Supplying and fixing of Automatic Electrical water heater 5 star 15 lit capacity storage	22	Each		
639	Supplying and fixing of Drinking water fountain with cooler (stainless steel) capacity:80 litres	3	Each		
640	Providing, fixing pipe supports from columns / wall or suspenders from roof slab to suit various dia of pipes made out of GI / MS adjustable rods threaded for a sufficient length	50	Each		
641	Computer, WIFI, LED TV, Printer, TV Dish Supplying and fixing of 4 GB DD R4 RAM, 1 TB HDDI Intel core ie 4 GB, 1 TB, DOS Desktop (with Monitor) 19.5" HD screen, Keyboard and Mouse	1	Each		

Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
642	Supplying and fixing of Indoor 802.11 AC wave 2 2x2:2 wifi acess point with all mounting kit and PoE (Power over Ethernet) injector	7	Each		
643	Supplying and fixing of unarmoured LAN & CCTV cable CAT6	350.00	1 Rmt		
644	Supplying and fixing of 2 U wall mount rack & accessories	1	Each		
645	Supplying and fixing of 8 PORT POE LAN switch 10/100/1000 Mbps with necessary connection	2	Each		
647	Supplying and delivery of A4 All in one Printer (Scan/Copy/Xerox) Laserjet print copy scan, wifi printer, compact design, Reliable and fast printing	1	Each		

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Item. No.	Description	Qty	Unit	Rate exclusive of GST in figures and in words	Amount
648	Supply, delivery and installation and fixing TV Dish HD Box with remote control	1	Each		
649	Supplying and fixing of Biometric with SSR Report (Self service Recorder)	1	Each		
650	Supplying and delivery of GC181 pack of 2, Dry Iron Box (Black) 1000 W	10	Each		
796	Two coat of Plastic emulsion paint including primer for outer wall surfaces	98.40	1 Sqm		

the old walls with two coats of mulsion paint without primer and thorough scrapping	Qty 1656.90	Unit	Rate exclusive of GST in figures and in words	Amount
nulsion paint without primer and	1656.90	1 Sqm		
noval of cement plaster from the wall surfaces	47.80	1 Sqm		
moval of Floor finish and walls in cement mortar with lles / Glazed Tiles / Cuddapah	74.50	1 Sqm		
ing, Clearing away and carefully materials useful for re-use for ness of walls One course of Tile Roof finish in Cement mortar	35.88	1 Sqm		
TOTAL				
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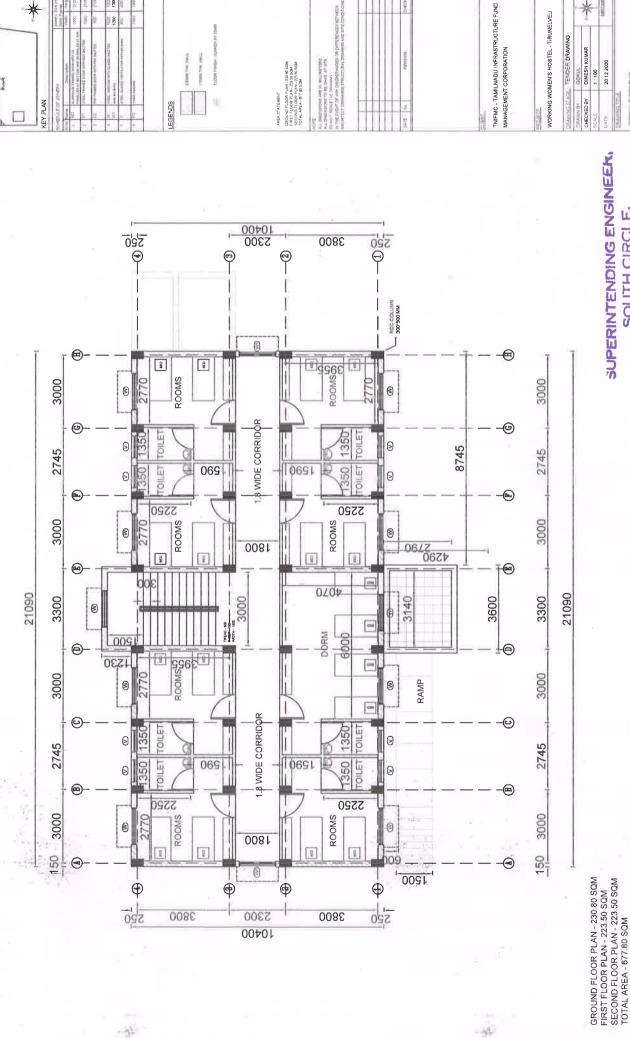
GROUND FLOOR PLAN

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**GROUND FLOOR PLAN** 

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FLOOR PLAN

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