

**POONAMALLEE MUNICIPALITY****SCHEDULE**

**Name of work : Construction of PPGI Shed For Baling machine, Plastic palvariser and shredding machine at Parivakkam MCC campus.**

**Est. Amt Rs.1650000/-**

Sl. No.	Probable Quantity	Description of work	TNDSS Number	Rates in		Units in words	Amount ( Rs.)
				Figures	Words		
1	45.00	Earth work excavation for foundation in Hard stiff clay, stiff black cotton, hard red earth, shales murram, gravel, stoney earth and earth mixed with small size boulders SS.20B and Sand, silt or other loose soil, wet sand or silt not under water, light black cotton soil, sandy loam ordinary soil and to full depth as may be directed except in hardrock requiring blasting inclusive of shoring shuttering and baling out water wherever necessary refilling the sides of foundation with excavated soil other than sand in layers of 15cm thick well rammed and cleaning and levelling the site etc.,complete - Narrow Foundations - First Depth - Upto 2m				1.00 Cum (One Cubic meter)	
2	68.00	Earth work excavation for foundation in Hard stiff clay, stiff black cotton, hard red earth, shales murram, gravel, stoney earth and earth mixed with small size boulders SS.20B and Sand, silt or other loose soil, wet sand or silt not under water, light black cotton soil, sandy loam ordinary soil and to full depth as may be directed wherever necessary refilling the sides of foundation with excavated soil other than sand in layers of 15cm thick well rammed and cleaning and levelling the site etc.,complete - Open Earth work Excavation				1.00 Cum (One Cubic meter)	

No.of Corrections  
No.of Overwrittings

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Sl. No.	Probable Quantity	Description of work	TNDSS Number	Rates in		Units in words	Amount ( Rs.)
				Figures	Words		
3	7.00	Supplying and filling in foundation and basement with filling sand in layers of not more than 15cm thick well rammed watered and compacted - etc., complete complying with standard specification.				1.00 Cum (One Cubic meter)	
4	64.00	Supplying and filling in foundation and basement with Gravel in layers of not more than 15cm thick well rammed watered and compacted etc., complete complying with standard specification.				1.00 Cum (One Cubic meter)	
5	23.00	Plain Cement concrete 1:4:8 (one cement, four sand, eight aggregate) using 40mm gauge hard broken granite stone jelly for foundation including dewatering if found necessary and laid in layers of not more than 15cm thick and compacted,etc., complete complying with standard specification.				1.00 Cum (One Cubic meter)	
6	111.00	Supplying and erecting steel centering including necessary supports for plane surfaces for Reinforced Cement Concrete works such as column footings, column pedestals, plinth beams, grade beams, staircase steps, etc. which require only nominal strutting using mild steel sheets of size 90cm x 60cm and 10 BG stiffened with welded mild steel angles of size 25mm x 25mm x 3 mm for boarding, laid over silver oak joists of size 10cm x 6.5cm spaced at about 75cm centre to centre or at suitable intervals etc. complete in all floors complying with standard specification - Plinth Beam				1.00 Sqm (One Square meter)	

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7	15.00	Providing and laying in position Standardised Concrete Mix M-20 Grade in accordance with IS 456 - 2000 using 20mm and down graded hard broken granite stone jelly for all RCC items of works with minimum cement content of 325Kg/ cum and maximum water cement ratio of 0.55 including admixture (Plasticiser / super plasticiser) in recommended proportions as per IS 9103 to accelerate, related setting of concrete, improve workability without impairing strength and durability with about (5.0cum), 7730Kg of 20mm machine crushed stone jelly and with about (3.3 cum), 5156kg of 10 - 12mm machine crushed stone jelly and with about (4.79cum) 7670 kg of sand, but excluding cost of reinforcement grill and fabricating charges centering and shuttering but including laying, vibrating with mechanical vibrators, finishing, curing, etc and providing fixtures like fan clamps in the RCC floor / roof slabs wherever necessary without claiming extra cost etc., complete complying with standard specification and as directed by the departmental officers - - Upto Basement				1.00 Cum (One Cubic meter)	
8	8.11	Brick work in CM 1:5 (one cement & five sand) using II class ground moulded bricks of size 9"X43/8"X 2 3/4" including finishing, curing, etc., complete complying with standard specification - Basement wall				1.00 Cum (One Cubic meter)	

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Sl. No.	Probable Quantity	Description of work	TNDSS Number	Rates in		Units in words	Amount ( Rs.)
				Figures	Words		
9	1.00	Suppling and fabricating and placing in position MS (or) R.T.S. bar for reinforcement to all RCC works as per the design given including cost of steel and binding wire also in all floors as per standard specification.				1.00 M.T (One Metric Tonne)	
10	9.02	Brick work in CM 1:5 (one cement & five sand) using II class ground moulded bricks of size 9"X43/8"X 2 3/4" including finishing, curing, etc., complete complying with standard specification - Ground Floor				1.00 Cum (One Cubic meter)	
11	75.19	Plastering with cement mortar 1:5 (One Cement, Five Sand) 12mm thick in all floors including cost and conveyance of all materilas to site and labour charges etc,complete as per standard specifications.				1.00 Sqm (One Square meter)	
12	288.00	Supply and fixing of M.S Grills with Doors and Windows with one coat of Red oxide with Primer including all costs such as welding, grinding and fabrication charges, cost and conveyance of all materials to site etc,complete as per standard specification.				1.00 Kg (One Kilo Gramme)	
13	4600.00	Supplying, fabricating, erecting structural steel work for roofing welded or bolted type using MS channels, angles, plates and round bars etc. conforming to IS specification including primer coating and enamel painting as per Design given by the departmental officers etc,complete as per standard specification				1.00 Kg (One Kilo Gramme)	

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Sl. No.	Probable Quantity	Description of work	TNDSS Number	Rates in		Units in words	Amount ( Rs.)
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14	160.00	Fabricating supplying and fixing of pre painted galvanium iron sheets with the following specification. The materials should be of PPGI tile profile with a red colour or any other approved design 0.47mm thick 24 guage having width 1050 mm. The sheet should be G.I.base pre painted hot dipped galvanized iron sheet and to be fixed with shelf tapping screws,plastic washer.The washer and screws to be fixed by using minute power machine drilled with out damaging the sheets paint coating to be regular modified polyster coat with zinc coating of Z 120 GSM paint thickness the finish should be terra cotta finish like malabar mangalore tiles finish optional matt finish. The sheet to be fixed with making suitable corrugated,cutting the sheet in to the required ssize and making ornamental designs as per the site condition and as directed by the departmental officers.				1.00 Sqm (One Square meter)	
15	149.00	Finishing the top of floor with Granolithic Finish with CC 1: 2: 4 (one cement, two sand & four HBG jelly) using chips of grade 10 mm and below for 25mm thickness and rubbed smooth etc, complete as per standard specification				1.00 Cum (One Cubic meter)	
16	154.00	Painting two coats with approved cement paint over cement plastered wall surface, ceiling and other new surface and including cleaning, preparing the surface and curing etc., complete.				1.00 Sqm (One Square meter)	
17	5.00	Painting with Ready Mixed Enamel Paint over the new iron works of approved quality and colour without priming coat including the cost all materials etc.,complete, in all floors.				1.00 Sqm (One Square meter)	

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Sl. No.	Probable Quantity	Description of work	TNDSS Number	Rates in		Units in words	Amount ( Rs.)
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18	30.00	Supply and laying of 3.5 X 35 Sq.mm PVC armoured LTUG cable in a trench to be excavated at a depth of 0.75 metre putting 0.15 mt. Layer of sand and covering the cable completely with bricks and sand and refilling the earth to make good.P.119 TWAD SOR				1.00 Rm (One Meter)	
19	20.00	Wiring with 2 x 1.5 sqmm (22 /0.3 ) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 3mm thick hylum sheet cover with TW switch box and 5A F.T. switch with continuous earth wire connection of 14 SWG TC wire for making good for PVC Open light point / Fan point (For Electronic regulator) etc, complete as per standard specifications. SD 22				1.00 pt (One Point)	
20	30.00	Supply and run of 2 of 1.5 sqmm (22/0.3) PVC insulated SC unsheathed Cu.Conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour.etc, complete as per standard specifications SD 54				1.00 Rm (One Meter)	
21	15.00	Supply and fixing of single box type 4'36 W flu fitting complete with Electronic ballast and condensor with TW round blocks on wall or ceiling with flu tube with PVC unsheathed Copper leads from terminals to the fitting etc, complete as per standard specifications SD 87				1.00 No (One Number)	

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22	1.00	Earthing as per P.W.D. standard with an earth electrode of 2Mtr. Class 'B' GI pipe of dia not less than 32mm complete with necessary masonry work. etc, complete as per standard specifications SD 234				1.00 No (One Number)	
23	15.00	Supply and run of 2 of No.8 SWG GI wire for guarding with cradle with No.8 SWG GI wire at the equal interval of 1.5m etc, complete as per standard specifications SD.75				1.00 Rm (One Meter)	
24	15.00	Supply and run of 4 X 6 sq.mm (84/0.3) PVC insulated SC unsheathed Cu.Conductor of 1100V grade on 7/20 GI bearer wire for service connection mains etc, complete as per standard specifications.SD 68				1.00 Rm (One Meter)	
25	5.00	Wiring with 2 x 4sqmm (56 /0.3 ) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories inflush with wall with 150 x 100 x 113 mm TW switch box with 3mm hylum sheet cover for 15A 3 pin non inter locking CS plug with continuous earth wire connection of 14 SWG TC wire for Open PVC power plug point.SD 41				1.00 pt (One Point)	

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Sl. No.	Probable Quantity	Description of work	TNDSS Number	Rates in		Units in words	Amount ( Rs.)
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26	1.00	Supply and fixing of TNEB Board suitable for 3 Phases 63A service connection made up of suitable angle iron frame work of size 2 feet x 1 1/2 feet using angle iron of size 1 1/2" x 1 1/2" x 1/4" rigidly fixed on wall covered with hylem sheet of size 2 feet x 1/2 feet of 6mm thickness with necessary bolts and nuts supports and supply and fixing of 3 Nos 63A fuse units(500V) 1 No. Neutral link, copper earth flat of size 1" x 1/4" with inter connection of EB meter to fuse units by 7/16 PVC insulated copper wire with earth connection complete.SD 129				1.00 No (One Number)	
27	L.S	Provision for Goods and Service Tax @ 12%					

**Schedule Item 1 to 27 Only**

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