

**KALAIgnAR NAGARPURA MENPATTU THITTAM (KNMT) 2021-2022**

**SCHEDULE - A**

**SCHEDULE OF RATES APPROXIMATE QUANTITIES**

**NAME OF WORK: CONSTRUCTION OF NEW BUS STAND IN KURINJIPADI TOWNPANCHAYAT**

**Estimate Cost : 4,82,80,000 /-**

**Value of Contract : Rs.-**

**Tender Shedule Issued to :**

**Tender Schedule Cost Rs :     /-**

**Earnest money Deposit : 4,82,800/-**

**Executive Officer  
Kurinjipadi Town Panchayat**

A)The quantities given here those upon which the lump sum tender cost of the work is based but they are subject to alterations, omissions, deductions or additions & are provided for in the conditions of the contract and do not necessarily be so to the actual quantities of work to be done. The unit rates noted below are those governing payment for extras or deductions or omissions according to the conditions of the contract as set forth in the conditions and specifications for the contract.

B)It is to be expressly understood that the measured work is to be taken out notwithstanding any customary practice to be contrary according to the actual quantities when the place and finished according to the drawings are as may be ordered from time to time by the Engineer and the cost calculated by the measurement to weight at the respective price with out any additional charges for necessary the contingent works connected there with. The rates quoted are for works in site and complete in every respect.

Signature of Contractor

No.of Over writtings:

No.of Corrections:

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Sl. No	Quantity		Description of work or Items	M.D.S.S	Rate in		Unit in Words	Amount
				NO	Figures	Words		
1	2		3	4	5	6	7	8
1	45.00	M <sup>3</sup>	Dismantling the damaged the Plain Cement Concrete in the existing runway and clearing away from the work site and carefully stacking the usefull materials for reuse as directed by the departmental officers including all labour and incidental charges etc., complete. - Ground Floor				1 m3 (One Cubic Meter)	
2	1427.00	M <sup>3</sup>	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 completed and cleaning and levelling the site etc., complete - Narrow Foundations - First Depth 2.00m				1 m3 (One Cubic Meter)	
3	375.37	M <sup>3</sup>	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 completed and cleaning and levelling the site etc., complete - Open Earth Work Excavation				1 m3 (One Cubic Meter)	
4	290.16	M <sup>3</sup>	Supplying and filling in foundation and basement with Crushed Stone Sand (M- Sand) in layers of not more than 15cm thick well rammed watered and compacted etc., complete complying with standard specification.				1 m3 (One Cubic Meter)	

5	290.16	M <sup>3</sup>	Plain Cement Concrete 1:4:8 (one part of cement, four part of Crushed Stone Sand (M- Sand) and eight part of coarse aggregates) using 40mm size ISS HBG metal including cost and conveyance of all materials to site and including for the mixing, laying and labour charges and all incidental charges such as water providing etc., complete as per standard specification				1 m3 (One Cubic Meter)	
6	1991.36	M <sup>2</sup>	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 m2 (One Square Meter)	
7	1949.71	M <sup>2</sup>	Centering for soffits of RCC slabs of plane surface like lintels, beams ,etc.,including strutting 3m high using mild steel sheets of size 90cm X 60cm X and B.G 10 stiffened with M.S angles of size 25mm X 25mm X 3mm laid over silver Oak (C.W) joists of size 10cm X 6.5cm (spaced at about 90cm c/c )and supported dy casurina props of 10cm to 13cm dia (spaced of 75cm C/C) complying with standard specification and directed - For plane surfaces such as rectangular or square RCC columns, sunshades, top and bottom slab of RCC boxing, etc.				1 m2 (One Square Meter)	

8	2719.00	M <sup>2</sup>	Supplying and erecting centering for sides and soffits including necessary supports and strutting upto 3.29 M height for plane surfaces as detailed below in all floors with all cross bracings using Mild Steel sheets of size 90 x 60 cm and 10 BG stiffened with welded Mild Steel angle of size 25mm x 25mm x 3 mm for boarding laid over silver oak joists of size 10cm x 6.50 cm spaced at abote 90 cm centre to centre and supported by casurina props of 10cm to 13 cm dia spaced at not more than 75 cm centre to centre etc. complete complying with the standard specificaiton. - For plane surfaces such as RCC floor slab, roof slab, beams, lintels, bed blocks, landing slab, waist slab, portico slabs and beams, etc.				1 m2 (One Square Meter)	
9	62.88	M <sup>3</sup>	Plain Cement concrete 1:2:4 (one cement, two Crushed Stone Sand (M- Sand), four aggregate) using 20mm gauge hand broken granite stone jelly for foundation including dewatering if found necessary and laid in layers of not more than 15 cm thick and compacted,etc., complete complying with standard specification.				1 m3 (One Cubic Meter)	

10	389.09	M <sup>3</sup>	<p>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 Crushed Stone Sand (M- 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 - The Coarse and Fine aggregates to be used should comply with the requirements of IS standards. - Upto Basement</p>				1 m3 (One Cubic Meter)	
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11	368.44	M <sup>3</sup>	<p>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 Crushed Stone Sand (M- 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 - The Coarse and Fine aggregates to be used should comply with the requirements of IS standards. - Ground Floor</p>				1 m3 (One Cubic Meter)	
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12	8.00	M <sup>3</sup>	<p>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 Crushed Stone Sand (M- 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 - The Coarse and Fine aggregates to be used should comply with the requirements of IS standards. - First Floor</p>				1 m3 (One Cubic Meter)	
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13	584.00	m3	Providing and laying in position Standardised Concrete Mix M- 30 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 400Kg/cum and maximum water cement ratio of 0.45 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 M - 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 m3 (One Cubic Meter)	
14	75.75	Mt	Supply and fabrication of steel required for all RCC items of works involved in the schedule, cost of steel at site fabrication, labour charges for cleaning the rods straightening, cutting, bending, tying grills, including overlapping to the required length whenever necessary and placing the reinforcement in position as as per design given and specified in the drawings, including cost of binding wire, provision of spacer bars, cover blocks and all other incidental charges etc complete as per standard specification				MT	
15	739.00	M <sup>3</sup>	Supplying and filling the basement with Good Earth filling in layers of not more than 15cm thick well rammed watered and compacted - etc., complete complying with standard specification.				1 m3 (One Cubic Meter)	



16	153.99	M <sup>3</sup>	Brick work in CM 1:5 (one cement & Five Crushed Stone Sand (M- Sand)) using II class ground moulded bricks of size 9"X43/8"X 23/4" standard specification including finishing, curing, etc., complete complying with standard specification (Masonry projections wherever necessary for obtaining required elevation shall be done without extra cost) - Upto Basement				1 m3 (One Cubic Meter)	
17	384.40	M <sup>3</sup>	Brick work in CM 1:5 (one cement & Five Crushed Stone Sand (M- Sand)) using II class ground moulded bricks of size 9"X43/8"X 23/4" standard specification including finishing, curing, etc., complete complying with standard specification (Masonry projections wherever necessary for obtaining required elevation shall be done without extra cost)- Ground Floor				1 m3 (One Cubic Meter)	
18	14.00	M <sup>3</sup>	Brick work in CM 1:5 (one cement & Five Crushed Stone Sand (M- Sand)) using II class ground moulded bricks of size 9"X43/8"X 23/4" standard specification including finishing, curing, etc., complete complying with standard specification (Masonry projections wherever necessary for obtaining required elevation shall be done without extra cost) - First Floor				1 m3 (One Cubic Meter)	
19	154.00	M <sup>2</sup>	Brick Partition walls in CM 1:3 (one cement & three Crushed Stone Sand (M- Sand)) using II class ground moulded bricks of size 9"X43/8"X23/4" using hoop iron reinforcement 2 Nos of 6mm dia M.S.rod at every three alternate layers and the cost shall inclusive of iron reinforcement, Brick work etc, complete as per standard specification - Ground Floor				1 m2 (One Square Meter)	
20	212.40	M <sup>2</sup>	Brick Partition walls in CM 1:3 (one cement & three Crushed Stone Sand (M- Sand)) using II class ground moulded bricks of size 9"X43/8"X23/4" using hoop iron reinforcement 2 Nos of 6mm dia M.S.rod at every three alternate layers and the cost shall inclusive of iron reinforcement, Brick work etc, complete as per standard specification - First Floor				1 m2 (One Square Meter)	

21	4105.22	M <sup>2</sup>	Special ceiling plastering in all floors and finishing the exposed surface of RCC items of work such as slab, beam, sunshade, fascia, canopy slab, staircase waist slab, landing slab etc., with cement mortar 1:3 (One cement and three plastering sand (P- Sand)) 10mm thick including hacking the surfaces and providing cement mortar nosing, beading for sunshade, staircase, step, landing slab etc., including neat finishing and curing etc., complete complying with standard specification and as directed by the departmental officers.				1 m2 (One Square Meter)	
22	5117.13	M <sup>2</sup>	Plastering with cement mortar 1:5 (One cement and five plastering sand (P- Sand)) 12mm thick in all floors including cost and conveyance of all materials to site etc,complete as per standard specifications				1 m2 (One Square Meter)	
23	116.36	M <sup>3</sup>	Weathering Course with Concrete Broken Brick (S.I.No.278) & ( P & D) Data 54.Jelly 20mm gauge in pure slaked lime (no sand to be added) over roof slab,the proportion of brick jelly to lime being '32 to 12.5 well beaten with wooden beaters for giving required slope and thickness 80mm as directed by the departmental officers.etc., complete.				1 m3 (One Cubic Meter)	
24	1536.32	M <sup>2</sup>	Finishing the top of roof with one course of machine pressed tiles of size 200 mm x 200 mm x 20 mm of approved quality in Cement Mortar 1:3 (One Cement add three plastering sand (P- Sand)) 12 mm thick mixed with water proofing compound conforming to ISS at 2% by weight of cement used and the joints pointed neatly to full depth of tiles with the same cement mortar mixed with red oxide and water proofing compound including curing etc., complete				1 m2 (One Square Meter)	
25	313.80	Kg	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.				kilogram	

26	293.76	M <sup>2</sup>	<p>Supplying and fixing of rolling shutters shall be pull and push type (Gear operated) made of 18G/3" lath sections which consist of five main parts such as curtain, lock plate, guide channels rollers and hood cover. These five main parts are made out of special components detailed below: curtain shall be of 18G/3" lath sections cut to required size and filled with heavy cast iron / MS clips. For 8'0"(2.45m) high rolling shutter lath sections provided shall be not less than 37 numbers. Lock plate shall be 10GMS sheet and attached to the side brackets with 20mm square bar. Side brackets shall be of 10G MS plate and cast iron "U" clamps shall be rivetted to the side brackets. Roller shall be of heavy cast iron pulleys fitted with heavy duty "C" class 40mm steel pipe and high tensile high carbon coil springs. 2 springs shall be supplied. Side brackets shall be of 10G MS plate and cast iron "U" clamps shall be rivetted to the side brackets. Roller shall be of heavy cast iron pulleys fitted with heavy duty "C" class 40mm steel pipe and high tensile high carbon coil springs - 2 springs shall be supplied. Hood cover shall be of 0.8mm CRCA sheet reinforced with 25mmx25mmx3mm MS angle or gate channel. The rolling shutter in addition to the above should have pulling hook and shall be coated on exposed area with heavy coat of red oxide primer etc., complete.</p>				1 m2 (One Square Meter)	
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27	6.00	M <sup>2</sup>	Supplying and fixing UPVC (Un-Plasticized PolyvinylChloride) Louvered Ventilators of from the profile the size of outer frame 60mm x 58mm and shutter profile size of 60 x 78mm both profiles are reinforced with GI/1mm 125GSM and 100% corrosion free, the profile are multi chambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with all over the edges of frame and shutter. The corners and joints should be welded and cleaned. Radiations pin headed glass 4mm thick should be provided in the louvers. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The ventilator should be got approved from the Executive Engineer before use on work				1 m2 (One Square Meter)	
28	9.75	M <sup>2</sup>	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 25GSM and 100% corrosion free, the profiles are multi chambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with over all the edges of frame and shutter the shutter will be provided with spag multi power point locks and also it operates as handle. The corners and joints should be welded and cleaned. Radiations free pin headed plain or brown colour glass 4mm thick should be provided to the shutter and it should not allow leakage of water even at most ranging storms and should have key lockable action, security protective hinges, strong locking systems and as per size for arresting noise and energy loss. The connecting mechanism between sash and outer frame that enables opening of the window. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The window should be got approved from the executive Engineer before use on work				1 m2 (One Square Meter)	

29	31.50	M <sup>2</sup>	Supply and fixing of PVC Solid Doors using 19gauge 19mm MS Sq.tubes for styles and frames, 15mm MS Sq.tubes for top, Lock and bottom rails. The Steel Tubes shall be covered with 5mm thick Solid PVC sheets. Shutter using 5mm thick solid PVC sheets for panelling shall rigidly fixed in position including furniture and fittings. The over all size of styles shall be 50mm X 30mm. The over all size of top rail, Lock rail and bottom rail shall be 75mm X 30mm. The over all size of frames shall be 50mm X 45mm with suitable tabate for housing the shutter etc,complete as per standard specification.				1 m2 (One Square Meter)	
30	17.00	M <sup>2</sup>	Supplying & fixing door shutters for Solid Core Flush Shutters with Teak ply on both side with teak wood lipping alround 35mm thick, single leaf confirming to IS:12406/1989 with 35x12mm T.W. Lipping on all edges with necessary adhesives and CP screws complying with standard specifications. The rate is inclusive of three coats of best quality varnish but excluding cost of furniture fittings, such as 300 mm tower bolt 2nos, 200mm towerbolt 1 No. 300mm Aldrop 1 No. Alu handle ornamental type 2 Nos and 1No. Door stopper etc complete.				1 m2 (One Square Meter)	
31	46.00	Rm	Supply and fixing of Stainless steel (Salem stainless steel) Door frame ( Box section using stainless steel plate of 1.6mm thick) of size 100mm X 60mm with a rebate of 30 / 35mm X 15mm on one side of the frame including supplying and fixing dovetail splayed end stainless steel holdfast etc.complete as per standard specification.				1 rm	

32	1158.34	M <sup>2</sup>	Paving the floor with kota stone slab of size 600 x 600 of 18 / 20mm (un-polished) in all floors laid in of cement mortar 1:3 (One part of Cement and Three part of Plastering Sand (P- Sand)), 20mm thick and pointed with colour cement neatly including polishing with polishing stone and oxalic acid etc., so as to perfectly smooth and glossy and including hire charges for polishing machine and power consumption charges etc. The kota stone slabs and other materials to be used shall be got approved by the Executive Engineer concerned before use on work, etc., complete as per standard specification.				1 m2 (One Square Meter)	
33	116.33	M <sup>2</sup>	Paving the floor with Double charged Vitrified tiles of approved quality and colour of size 600x600x8mm thick of approved make, quality and colour in all floors over a base layer of cement mortar 1:3(one cement three sand) 20mm thick and laid straight alignment and pointed neatly with colour cement at the rate of 0.40kg/m2 laid without any air gap in the tiles neatly and fixing in position as per standard specifications and as directed by the departmental officer. The colour & quality of tiles should be got approved by Municipal Engineer before use on work				1 m2 (One Square Meter)	
34	64.00	M <sup>2</sup>	Paving the floor with design Antiskid ceramic tiles (colour and shade as directed) of size 305mm x 350mm x 6 mm in all floors over a base layer of cement mortar 1:3 (one cement and three sand ) 20mm thick laid in-situ and pointed with same coloured cement etc,complete as per standard specification.				1 m2 (One Square Meter)	
35	252.00	M <sup>2</sup>	Dadoing walls with Glazed tiles of sizes 305mm X200mm X 6mm size of approved make and quality and colour Set in cement mortar 1:2 (one cement ,two sand) over 10 mm base layer plastering and pointing with white cement neatly as directed etc,complete as per standard specification.				1 m2 (One Square Meter)	

36	31.00	M <sup>2</sup>	Supplying and fixing in position Cement based hydrualically pressed Anti-Skid tiles (pattern design) 20mm thick in cement mortar 1:3 - 20mm thick and pointing with white cement using at the rate of 0.40kg/m2 including finishing joint with tile surface etc., complete complying with standard specificaion and as directed by the departmental officers				1 m2 (One Square Meter)	
37	32.40	M <sup>2</sup>	Paving the floor with pre-polished concrete Anti-Skid step tiles (Required shape and design) of 20mm thick of approved quality and colour laid in Cement Mortar 1:3 (One Cement and Three sand) 20mm thick and pointed with white cement mixed with colouring pigment at the rate of 0.40 Kg/sq.m., curing, etc., complete complying with standard specification and as directed by the departmental officers.				1 m2 (One Square Meter)	
38	15.00	Rm	Providing expansion joint in RCC floor slab for 12.5mm width using polysulphide as sealent on the top and bottom for a depth of 7.5mm each and packing the inner space using compressible non-absorbent filler materials including cost of labour for cutting and fixing filler materials and laying polysulphide sealent with necessary spatula etc., complete complying with standard specifications and as directed				1 Rm	
39	14.70	M <sup>2</sup>	Providing Through Vertical Joint in Cement Mortar 1:3 (One Cement, Three Plastering Sand (P - Sand)), with 15mm space filled with bitumenous compound running from bottom of foundation upto the top of parapet wall as directed etc,complete as per standard specification.				1 m2 (One Square Meter)	

40	29.00	M <sup>2</sup>	Manufacturing, Supplying and Fixing of Stainless Steel Hand rails for staircase using 50mm dia 304L Grade Stainless Steel pipe of 1.60mm thick at required locations to a height of 900mm from finished floor level welded to 38mm dia Stainless Steel pipe post of 1.00mm thick as vertical at 900mm centre with 2 Nos. of 25mm dia intermediate horizontal stainless steel pipe of 1.60mm thick in between. The vertical pipe has to be welded to the 100 X 100 X 6mm MS base plate encased in the base concrete. The rate is inclusive of the charges for cutting, bending, welding, grinding, polishing, conveyance, electrical charges, etc. complete				1 m2 (One Square Meter)	
41	18.70	M <sup>3</sup>	Plain Cement Concrete 1:8:16 (one cement eight fine aggregates and sixteen coarse aggregates) using 20mm size ISS HBG metal including cost and conveyance of all materials to site and including for the mixing, laying water carrying with all leads of good water compacting and labour charges and all incidental charges such as water providing etc., complete as per standard specification				1 m3 (One Cubic Meter)	
42	2000.00	Kg	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 Kilogram	



43	180.00	M <sup>2</sup>	Fabricating supplying and fixing of pre painted galvanized iron sheets with the following specification. The materials should be of PPGI tile profile with a red colour or any other approved design 0.47 mm 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 m2 (One Square Meter)	
44	4105.90	M <sup>2</sup>	Painting two coats of newly plastered wall surface with approved cement paint over cement plastered wall surface, ceiling and including preparing the surface, clean removal of dirt and including necessary plaster of paris putty wherever required and cost of painting materials, brushes, preparation of surfaces and scaffolding charges etc., complete complying with standard specification and as directed by the departmental officer				1 m2 (One Square Meter)	
45	5117.13	M <sup>2</sup>	Painting two coats of newly plastered wall surface with ready mixed Interior emulsion paint of first quality and of approved colour over a priming coat including preparing the surface, clean removal of dirt and including necessary plaster of paris putty wherever required etc., complete complying with standard specification.				1 m2 (One Square Meter)	

46	751.00	M <sup>2</sup>	Painting the new iron work with two coats of best pproved first quality and colour of synthetic enamel paint over the existing red oxide priming coat in all floors excluding cost of priming coat and including cost of painting materials, brushes, putty, preparation of surfaces and scaffolding charges etc., complete complying with standard specification and as directed by the departmental officer.				1 m2 (One Square Meter)	
47	37.42	M <sup>2</sup>	Painting two coats in all floors over the new wood work with Ready Mixed Paint of approved quality and colour with one coat of priming coat including cost of painting materials, brushes, putty, preparation of surfaces and scaffolding charges etc., complete complying with standard specification and as directed by the departmental officer				1 m2 (One Square Meter)	
48	49.14	M <sup>3</sup>	Dismantling the damaged RCC items such as Roof Slab, Beam etc, in the existing building and clearing away from the work site and carefully stacking the useful materials for reuse as directed by the departmental officers including all labour and incidental charges etc., complete. -				1 m3 (One Cubic Meter)	
49	121.30	M <sup>3</sup>	Dismantling the damaged Brick Masonry walls in Cement Mortar in the existing building and clearing away from the work site and carefully stacking the usefull materials for reuse as directed by the departmental officers including all labour and incidental charges etc., complete.				1 m3 (One Cubic Meter)	
50	91.00	M <sup>2</sup>	Special Plastering with cement mortar 1:3 mix (One cement and three sand) 20mm thick including cost and conveyance of all materials, finishing, curing and all labour charges etc. complete as per standard specification				1 m2 (One Square Meter)	
51	2.00	No	Supplying and fixing P.V.C. ventilating shaft of 100mm dia and 3m height of best approved quality and as per standard specifications.				Each No	

52	6.00	Rm	Supplying and fixing P.V.C. ventilating shaft of 100mm dia and 3m height of best approved quality and as per standard specifications.				Per RM	
53	5.00	No	Supply and delivery of 2000 lit capacity and fixing of HDPE tank as per IS 12701/1996 including loading, unloading, transportation and labour charges for fixing of the GI pipes and specials for pipe connection works including cutting, threading and fixing charges etc.,complete as per standard specification.				Each No	
54	175.00	Rm	Providing & fixing PVC RAIN WATER DOWNFALL PIPE of 110mm dia with necessary T.W.Clamps Plugs, Shoes,Bemds, other clamps, screws nails etc.,complete complying with standard specification. The rate is inclusive of cost of removable iron gratings of appropriate size. The size of Teak Wood plugs used is 150X25mm in front & 200x75mm in rear (wall side) with a depth of 110mm. The pipe is to be fixed by means of "U" clamps at the centre of pipes to be fixed.110mm dia PVC Pipe [4 Kg/SqCm]				Per RM	
55	260.00	Pt	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 inflush 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 of the concealed portion with suitable colour for PVC concealed light point / Fan point (For Electronic regulator). SD 23				Point	
56	50.00	Pt	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 inflush with wall with 150 x 100 x 113 mm TW switch box with 3mm hylum sheet cover for 5A 3 pin non inter locking CS plug with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour for concealed PVC plug point. SD 38				Point	

57	500.00	Rm	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. SD 54				Rm	
58	120.00	No	Supply and fixing of single box type 4'36 W flu fitting complete with copper choke and condensor with TW round blocks on wall or ceiling with flu tube with PVC unsheathed Copper leads from terminals to the fitting SD 87				Each	
59	10.00	No	Supplying and fixing of 1200mm ( 48" ) sweep AC ceiling fan complete with regulator with 1M down rod including S & F of fan clamp with side plates and cross arm SD 107				Each	
60	2.00	No	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.SD 234				Each	
61	2.00	No	Supply and fixing of 3 phase 4 wire 4 way ICDB of 32 A per way with 100 A TPN MC switch with suitable trunking box Ms cable entry boxes and internal connection on suitable angle iron frame work with earth connection SD. 175				Each	
62	4.00	No	Supply and fixing of Horizontal type 4 way triple pole neutral MCB distribution board in sheet steel enclosure with 40 A 4 pole MCB isolater as incoming and 12 Nos. 6A to 32 A SP MCB as outgoing in flush with wall and making good of the concealed portion with earth connection. The MCBDB and MCB's should be with the ISI mark (lik standard make) SD. 179				Each	
63	120.00	Rm	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 SD.75				Rm	
64	120.00	Rm	Supply and run of 4 X 6 sq.mm (84/0.3) 7/20sqmm PVC unshealed copper cable in suitable PVC rigid pipe concealed on wall and ceiling withcontinuous earth wire connection of 14 SWG TC wire with painting of suitable colour SD 68				Rm	

65	4.00	No	Supply and fixing of 300mm (12") sweep AC exhaust fan complete with necessary wall opening and making good of the wall. SD 115				Each	
66	80.00	Pt	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 and making good of the concealed portion with suitable colour for concealed PVC power plug point.SD 40				Point	
67	1.00	No	Supply and fixing of 200 Amps three phase 500 V 4 pole change over switch (GEM / HAVELLS / HPL / STANDARD / EQUIVALENT) etc complete as per standard specification.				Each	
68	100.00	Rm	Supplying and laying of PVC insulated, PVC sheathed, armoured, LTUG cable of size 2 core 10 sqmm Al.cable clamped on walls etc, complete as per standard specification (SD 198)				Rm	
69	5.00	No	Supplying and fixng of cable gland and termination with earth connection of size 2 core 10 sqmm etc, complete as per standard specification. (SD 182)				Each	
70	1.00	No	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				Each	

71	2.00	No	Supply and fixing of 32 A TPN MC switch on incoming and 3 Nos 32 A DPMC Switch (Front Handle) as outgoing with suitable adaptor box with suitable MS cable entry box trunking boxes and internal connections on internal connections on suitable AI frame work with earth connection etc, complete.SD 172				Each	
72	2.00	No	Supply and fixing of 3 phase 4 wire 4 way ICDB of 16 A per way with 32 A TPN MC switch with suitable MS cable entry boxes trunking box and internal connections on suitable angle iron frame work with PWD earthing etc, complete.SD 173				Each	
73	2.00	No	Earthing as per the ISI specification with an earth electrode of 2.1mt class 'B' GI pipe of dia not less than 40mm, with copper earth plate of size 125mm x 50mm x 6mm, with necessary funneling arrangements with necessary masonry work and with 38mm RCC cover slab for the brick masonry . SD 233				Each	
74	300.00	Rm	Supply and run of 2 of 4sqmm (56/0.3) 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 14SWG Cu wireand making good of the concealed portion with suitable colour (SD57)				Rm	
75	3.00	No	Supply and fixing of 12.5 Mtr High Mast suitable for 180 km/hr wind speed and suitable for mounting Max 6.of luminaires consisting of : Head Frame, Movable lantern carriage,Double drum Winch 6mm 316 Grade, S.S Hoisting ropes of 7/19 construction Flexible Multicore cable Trailing cable -5core X 4sq.mm 1per mast Foundation Bolts & Nuts Anchor Plate & Template,Lightning finial Twin aviation light (GLS type), Power tool (Integral) ,Feeder Pillar for automatic operation, Casting of Foundation and Installation / Testing & Commissioning Supply, installation of 8Nos of 150W LED fittings with CG boxes and lamps.				Each	

76	6.00	No	Supplying and fixing in position best quality approved make white glazed earthenware wash hand basin of size 550 X 400 mm with a pair of cast iron brackets, including cost of 15mm diameter brass chromium plated pillar tape, 32 mm diameter C.P. Waste union, 32 mm diameter P.V.C. waste pipe with rubber plug and chain, 15mm diameter G.M. wheel valve, 15mm dia brass nipple, 15mm dia nylon connections etc., including fixing the wash hand basin in the wall in position with a pair of C.I. brackets with teak wood plugs and screws and giving necessary water supply connection and painting the brackets with two coats of paint over a priming coat of anticorrosive paint including testing for leakage etc., complete complying with standard specifications				Each	
77	4.00	No	Supplying and fixing in position Indian water closet of size 580 X 440mm, white glazed earthen ware of approved quality with 'P' trap or 'S' trap confirming to IS:2556 - Part XII with sand cushion and forming flooring around the closet using 40mm broken brick jelly in lime concrete 1:2:5 ( one part of lime, two parts of sand and five parts of brick jelly) 100mm thick and finishing the top to required slope and including giving necessary connection to cast iron soil pipes/ PVC pipes by dismantling brick masonry, reinforced cement concrete roof/floor slab and making good the disturbed portion to original condition without leakage etc., complete complying with standard specifications and as directed by the departmental officers.				Each	

78	6.00	No	Supplying and fixing in position White Glazed European Water Closet of best quality and approved make with 100mm 'P' or 'S' trap with Double flapped rigid P.V.C. seat cover with C.P. brass hinges with 12.5 litres PVC Low Level Flushing Tank with all internal fittings and labour charges, inclusive of fixing lowlevel flushing tank and including giving necessary connection to cast iron soil pipes/ PVC pipes by dismantling brick masonry, reinforced cement concrete roof/floor slab and making good the disturbed portion to original condition without leakage etc., complete complying with standard specifications and as directed by the departmental officers.				Each	
79	6.00	No	S/F in position of Indian Make White/Colour glazed earthen ware lipped mouth Flat Back Urinal of best approved quality with G.I.Pipe connection to suitable length, 32mm bell mouthed P.V.C connection, 15mm dia G.M. Wheel valve, fixing the urinal to the wall in position with necessary T.W. plugs, clamps, screws, shellac etc., including dismantling masonry if necessary and redoing the same to original condition, fixing the 15mm dia. G.I. pipe connection and wheel valve, painting the pipe with two coats of approved paint over one coat of primer and checked without any leakage complete, complying with standard specifications.				Each	
80			Supplying laying and jointing P.V.C pipes (6Kg/SqCm) of approved quality and best variety conforming to I.S.S & with I.S.I mark, of the following sizes including cutting, Fixing to PVC specials using Adhesive but excluding cost of such specials and fixing to wall with necessary teak - Wood Plugs, PVC Clamps and screws, making holes on the wall or drilling holes in roof and making good the dismantled portions to original condition with necessary brick work and plastering wherever necessary with necessary scaffolding charges.					
a	60.00	Rm	32MM dia, PVC pipe				Rm	



b	60.00	Rm	25mm dia.PVC pipe				Rm	
81	8.00	No	Supplying and fixing in position indian make bewelled edge mirror of approved quality and brand of size 600 X 450mm wth necessary plastic back, PVC frame with bottom stand of approved colour with brass screws,rawal plugs etc., complete complying with standard specifications.				Each	
82	16.00	No	Supplying and fixing best approved quality Brass C.P anodised Towel rail 600mm. long and 20mm Diameter with brackets of same material including cost of Teak-Wood plugs and C.P.Screws etc., complete complying with standard specifications				Each	
83	8.00	No	Supplying and fixing best approved quality C.P.Soap Tray of size 150mm X 100mm including cost of Teak Woodplugs, brass screws complete complying with standard specifications.				Each	
84	16.00	No	Supply and fixing of PVC. Nahini / Floor Trap with stainless Steel Gratings - 100 mm x 75 mm including all charges etc, complete as per standard specification.				Each	
85			Supplying laying and jointing G.I. Pipes of approved quality and best varity of B Class pipe of the following sizes including fixing G.I specials but excluding cost of such specials cutting threading of pipes and fixing to wall with necessary teak wood plugs, clamps and screws masking holes on the wall or drilling holes in roof and making good the dismantled portions to original conditions with necessary brick work and concrete and plastering where ever necessary with necessary scaffolding charges. The pipes are to be painted with two coats of good variety and best approved quality of synthetic enamel paint over a priming coat of red-oxide primer etc., complete.					
a	60.00	Rm	25MM dia,G.I pipe				Rm	
b	60.00	Rm	32MM dia,G.I pipe				Rm	

86			Supplying and fixing in position first quality and approved variety of Gun Metal Gate Valve (Heavy type ) with I.S.I.mark of the following sizes including cost of Shellac , thread etc.,including labour for cutting and threading of G.I.Pipes etc.,complete complying with standard specifications for both internal and external water Supply arrangements.					
a	1.00	No	25mm dia G.M.Gate Valve				Each	
b	1.00	No	32mm dia G.M.Gate Valve				Each	
87	20.00	No	Suppling and fixing in position 15mm.diameter brass screw down tap (heavy duty) of approved make conforming to I.S.specifications and quality including cost of shellac, thread etc.complying with standard specifications and including cutting and threading wherever necessary.				Each	
88			Supply and fixing of following Plumbing G.I.materials					
a	20.00	No	15mm dia G.I coupling				Each	
b	20.00	No	15mm dia G.I Tee				Each	
c	20.00	No	15mm dia G.I Elbow				Each	
d	20.00	No	15mm dia G.I Bend				Each	
e	20.00	No	20mm dia G.I coupling				Each	
f	20.00	No	20mm dia G.I Tee				Each	
g	20.00	No	20mm dia G.I Elbow				Each	

h	20.00	No	20mm dia G.I Bend				Each	
i	20.00	No	25mm dia G.I coupling				Each	
j	20.00	No	25mm dia G.I Tee				Each	
k	20.00	No	25mm dia G.I Elbow				Each	
l	20.00	No	25mm dia G.I Bend				Each	
m	2.00	No	25mm dia G.I union				Each	
n	20.00	No	32mm dia G.I coupling				Each	
o	20.00	No	32mm dia G.I Tee				Each	
p	20.00	No	32mm dia G.I Elbow				Each	
q	20.00	No	32mm dia G.I Bend				Each	
r	20.00	No	20mm X 15mm dia G.I Reducer				Each	
s	20.00	No	20mm X 15mm dia G.I Reducer Elbow				Each	
t	20.00	No	25mm X 20mm dia G.I Reducer				Each	
u	20.00	No	32mm X 25mm dia G.I Reducer				Each	
v	20.00	No	32mm X 20mm dia G.I Reducer				Each	
w	20.00	No	20mm X 15mm dia G.I Reducer Tee				Each	
x	20.00	No	32mm X 25mm dia G.I Reducer Tee				Each	

89			Supplying and fixing in position P.V.C. specials such as plain bend, door bend, plain tee, door tee, offsets,Y-junction, plain or with door of various sizes best quality confirming to I.S.S and providing leakproof joints including fixing to wall and giving connection to the P.V.C, soil stacks, dismadding the brick masonry or R.C.C. floor or Roof slab and redoing the dismantled portion to original condition etc., complete complying with standard specifications.					
a	15.00	No	110mm dia PVC Elbow				Each	
b	15.00	No	110mm dia PVC Tee				Each	
c	15.00	No	110mm dia PVC Door Elbow				Each	
d	15.00	No	110mm dia PVC Door Tee				Each	
e	15.00	No	110mm dia PVC Door Yee				Each	
f	15.00	No	90mm dia PVC Elbow				Each	
g	15.00	No	90mm dia PVC Tee				Each	
h	15.00	No	90mm dia PVC Door Elbow				Each	
i	15.00	No	90mm dia PVC Door Tee				Each	
j	15.00	No	90mm dia PVC Door Yee				Each	

90			Supplying and fixing in position best quality P.V.C soil/waste pipes (6KSC) of various sizes having ISI mark and providing leakproof joints including fixing to the wall with P.V.C/ M.S clamps etc., and making connection to all sanitary fittings, dismantling masonry/R.C.C. works wherever necessary and making good the dismantled portion to the original condition, complying with standard specifications.					
a	60.00	Rm	110mm dia PVC 6KSC Pipe				Rm	
b	60.00	Rm	90mm dia PVC 6KSC Pipe				Rm	
91	5.00	Nos	Supply and fixing of 20lit capacity tilting type stainless steel garbage bins in park area as per the site condition and as directed by the departmental officers.				Each	
92	5.00	Nos	Supply and erection of Fire Shield brand' Stored Pressure Fire Extinguisher ISI Marked, Powder type Fire 6 Kg. Capacity				Each	
93	3.00	No	Supply and delivery of PoE switches for CCTV IP Camera (Higher End) with 8 Port including cost and conveyance etc, complete.				Each	
94	3.00	No	Supply and delivery of 8 channel 1 SATA (1No. Hard Disk) for CCTV (Higher End) including cost and conveyance etc, complete.				Each	
95	3.00	No	Supply and delivery of Monitor 8" LED for CCTV (Higher End) including cost and conveyance etc, complete.				Each	
96	400.00	Rm	Supply and delivery of Unarmoured Co- axial cable for CCTV of RG -06 including cost and conveyance etc, complete.				Rm	

97	10.00	No	Providing Rain water Harvesting pits to depth of 1.80m with 900mm dia. The pit shall be filled by layers of Brick bats of size 40mm down size, 20mm HBG metal, River sand to 300mm with each layer.The rate shall inclusive of Ring wall slabs, cover slabs and all materials, labour charges etc,complete as per standard specification.				Each	
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No.of Over writtings:

No.of Corrections: