

**TENDER CODING SHEET****(Rates 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 Vellore in Vellore District under Social Welfare Department.**SCHEDULE - "A"**

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
1	1.1	<b>Earth work excavation</b> in all soils (including refilling) a. 0 to 2 mt.	13.80	1 Cum		
2	13.1	<b>Filling in foundation and basement</b> and other similar works with <b>Excavated earth</b>	1.60	1 Cum		
3	24	Manufacturing & supply of <b>steel windows</b> (Weight basis)	97.20	1 Kg.		
4	25	Supplying of <b>Mild steel hold fasts</b> horizontally twisted of size 230x40x4mm	6.00	Each		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
5	37.1	White washing 3 coats (slaked)	13.70	1 Sqm		
6	39	Supplying and fixing <b>Mild Steel grills</b> as per the design approved to verandah enclosure or gate	207.90	1 Kg		
7	40	<b>Painting the new wood work with two coats</b> of approved first class synthetic enamel ready mixed paint in addition to one coat of primer	5.50	1 Sqm		
8	41	<b>Painting the new iron work</b> and other similar works such as PVC/ASTM pipes, kerb stones and grills with two coats of approved first class synthetic enamel ready mixed paint	32.80	1 Sqm		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
9	46	Supplying and fixing of <b>20mm dia aluminium hanger rods</b> to the required length with aluminium end brackers including cost of screws, TW plugs	49.60	1 Rmt		
10	47	Supplying and fixing of <b>Aluminium towel rails of 75cm long</b> , including cost of screws,	23.00	Each		
11	52	<b><u>WATER SUPPLY ARRANGEMENTS</u></b> Supplying, laying, fixing and jointing the following PVC pipes as per ASTM-D-1785 of schedule 40 of wall thickness  b) 25mm ASTM-D schedule 40 threaded PVC pipe with necessary PVC/GI specials	138.80	1 Rmt		
12		c) 20mm ASTM-D schedule 40 threaded PVC pipe with necessary PVC/GI specials	61.00	1 Rmt		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
13	69	<b><u>ELECTRICAL ARRANGEMENTS</u></b> Supplying and fixing <b>15 amps 3 pin plug type socket</b> on a suitable MS box	24.00	Each Point		
14	72	Supply and fixing of best approved superior variety consealed type Fibre box with <b>M.S. Fan Hook</b> of 100mm dia, 75mm depth and 3mm thick	1.00	Each		
15	73.1	Supplying and fixing of <b>1 no three phase distribution board with 6 way per phase 30A / per way with neutral link</b> on suitable well varnished teakwood plank	2.00	Each		
16	73.2	Supplying and fixing of <b>1 no three phase distribution board with 4 way per phase 30A / per way with neutral link</b> on suitable well varnished teakwood plank	1.00	Each		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
17	74	<b>Charges of</b> assembling and fixing of <b>ceiling fan</b> of different sweep	1.00	Each		
18	86	Providing <b>pre-constructional Antitermite treatment</b> including cost of chemicals labour as per standard specifications	13.80	1 Sqm		
19	112	Supplying and fixing of <b>300 mm dia sweep AC exhaust fan</b> of approved ISI Quality	4.00	Each		
20	2.1.1	<b><u>ANNEXURE-I</u></b> Supply and filling in foundation and basement with <b>gravel</b>	2.60	1 Cum		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
21	2.1.3	Supplying and filling in foundation and basement with <b>filling crushed stone sand</b>	3.40	1 Cum		
22	3.1.1	<b>Plain Cement Concrete 1:5:10</b> (One of cement, five of <b>crushed stone sand</b> and ten of hard broken stone jelly) for <b>foundation and Basement</b>	2.40	1 Cum		
23	3.2.1	<b>Plain cement concrete 1:2:4</b> (One of cement two of <b>crushed stone sand</b> and four of hard broken stone jelly) using 20mm gauge hard broken stone jelly	1.70	1 Cum		
24	6.5.1	<b>Brick work in cement mortar 1:5</b> (One of cement and five of <b>crushed stone sand</b> ) using Kiln burnt country bricks of size $8\frac{3}{4}" \times 4\frac{1}{4}" \times 2\frac{3}{4}"$ (22x11x7cm) in <b>foundation and basement</b>	4.80	1 Cum		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
25	8.1.1.1	Providing and laying in position, <b>Standardized Concrete Mix M-20 Grade</b> in accordance with IS: 456-2000, using 20mm and down graded hard broken stone jelly for all RCC items of works (using crushed stone sand)  a) In Foundation and Basement	3.20	1 Cum		
26		b) In Ground Floor	3.50	1 Cum		
27	9.5.1	<b>Brick work in Cement Mortar 1:6</b> (One of cement and six of crushed stone sand) using using Kiln burnt country bricks of size 8¾"x4¼"x2¾" (22x11x7cm) for super structure in the following floors  a) In Ground Floor	6.20	1 Cum		
28	10.5.1	<b>Brick partition wall in Cement Mortar 1:4</b> (One of cement and four of crushed stone sand) 110 mm thick for super structure in the following floors using using Kiln burnt country bricks of size 8¾"x4¼"x2¾" (22x11x7cm)  b) In Ground Floor	19.90	1 Sqm		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
29	11.5.1	<b>Brick partition walls 70mm thick</b> using using Kiln burnt country bricks of size 8¾"x4¼"x2¾" (22x11x7cm) in cement mortar 1:4 (One of cement and four of crushed stone sand) for super structure in the following floors  a) In Ground Floor	28.35	1 Sqm		
30		b) In First Floor	36.90	1 Sqm		
31	14.1.1	Providing <b>Precast concrete slab for cupboard ward robs shelves</b> , cover slab for chambers, baffle walls side slabs of boxing around windows and other similar works in Standardized Concrete Mix M-20 Grade using M sand hard broken stone jelly of size 10mm and less for the following thickness (using crushed stone sand) <b>I. 20MM THICK</b>  a) In Ground Floor	21.00	1 Sqm		
32		b) In First Floor	18.30	1 Sqm		



Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
33		<b>II. 40MM THICK</b>  b) In Ground Floor	11.80	1 Sqm		
34		c) In First Floor	7.10	1 Sqm		
35	16.1.1	<b>Precast cement concrete Jally ventilator</b> in Standardized Concrete Mix M-20 Grade in accordance with IS: 456-2000, using 20mm and down graded hard broken stone jelly for the following thickness (using crushed stone sand)  <b>I. 50mm thick</b> (a) In Ground Floor	0.60	1 Sqm		
36	18.1	Providing <b>Form work</b> and centering for reinforced cement concrete works including supports and strutting up to 3.30m height for plane surfaces as detailed below  a) For Column footings, plinth beam, Grade beam, Raft beam, Raft slab etc.,	17.90	1 Sqm		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
37		b) Plain surfaces such as Roof slab, floorslab, Beams, lintels, lofts, sillslab, staircase waist, portico slab and other similar works	20.70	1 Sqm		
38		c) For Square and rectangular columns and small quantities such as sunshade, parapet cum drops window boxing, fin projection and other similar works.	23.40	1 Sqm		
39	21.5.2	Providing and fixing factory made <b>solid unplasticized polyvinyl chloride (UPVC) Door shutter with frame</b>	1.60	1 Sqm		
40	21.6.1	Supplying and fixing <b>Monolithic RCC door frames</b> of size 100x75mm with one edge grooves size 't' x 20 mm ('t' represents the shutter thickness) in Standardized Concrete Mix M-20 Grade (using crushed stone sand)  c) 1000 x 2100 mm	1.00	Each		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
41	22.3.3	Providing <b>T.W. double leaf shutters for Cupboard/ward robes with 9mm thick phenol Bonded BWR grade ply wood</b> as per IS 303-1989 (General)	58.00	1 Sqm		
42	23.1.1	Supplying and fixing of best <b>Indian TW single leaf door shutters</b> using 9mm thick phenol bonded BWR grade plywood as per IS 303-1989 (General)  b) For door size 1000x2100mm	1.90	1 Sqm		
43	23.2.1	Supplying and fixing of <b>4 mm thick pin headed Glass</b> Panels with aluminium anodized U shape beeding or size 12x12 mm with 107 gram in average weight	14.60	1 Sqm		
44	26.1	<b>Flooring with a bed Cement concrete 1:5:10</b> (one of cement, five of <b>crushed stone sand</b> and ten of hard broken stone jelly) using 40mm size hard broken stone jelly	2.20	1 Cum		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
45	28.1	<b>Plastering the top flooring in CM 1:4</b> (One of cement and four of <b>crushed stone sand</b> ) <b>20mm thick</b> including plasticizer	31.10	1 Sqm		
46	29.8.1	Supplying and fixing of <b>colour glazed tiles</b> using <b>Grout (Tile joint filler)</b> over cement plastering in CM 1:2 (one of cement and two of <b>crushed stone sand</b> ) 10mm thick	22.90	1 Sqm		
47	29.9.1	Supplying and fixing of <b>colour Ceramic Tiles (Anti skid)</b> without corrugated design for flooring and other similar works over cement mortar 1:3 (One of cement and three of <b>crushed stone sand</b> ) 20mm thick	8.25	1 Sqm		
48	31.2.1	<b>Finishing the top of Terrace floor with one course of solar reflective water proof, heat proof and cool roof ceramic tiles</b> of size 300mmx300mmx8mm thick of approved quality laid in cement mortar 1:3 (one part of cement and three parts of M-sand) 20mm thick <b>with base concrete</b>	13.60	1 Sqm		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
49	32.1.1	Finishing top of roof with <b>one course of Hydraulic Pressed Tiles</b> of approved superior quality of size <b>23cmx 23cmx20mm thick</b> laid over weathering course in cm 1:3 (One of cement and three of <b>crushed stone sand</b> ) 12mm thick mixed with Water proofing compound	10.60	1 Sqm		
50	33.1	<b>Plastering with CM 1:5</b> (One of cement and five of <b>crushed stone sand</b> ) 12mm thick finished with neat cement including plasticizer	280.50	1 Sqm		
51	34.1	<b>Plastering with CM 1:4</b> (One of cement and four of <b>crushed stone sand</b> ) 12mm thick finishd with neat cement including plasticizer	2.60	1 Sqm		
52	35.1.2	<b>Special Ceiling plastering in cement mortar 1:3</b> (one of cement and three of <b>crushed stone sand</b> ) <b>10mm thick</b>	13.70	1 Sqm		

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1	2	3	4	5	6	7
53	36.1	<b>Plastering in CM 1:5</b> (One of cement and five of <b>crushed stone sand</b> ) <b>12mm thick border</b> finish in all floors  b) 75mm wide Border	29.80	1 Rmt		
54	37.3	<b>White washing two coats for old walls</b> using clean shell lime slaked (Including thorough scrapping)	654.20	1 Sqm		
55	38.6	Painting Primer coat using approved quality of <b>white cement</b> over the cement plastered / concrete wall surfaces, ceiling or other similar works	184.80	1 Sqm		
56	38.7	Painting <b>two coats</b> with ready mixed <b>PLASTIC EMULSION PAINT</b> of first class quality paint of approved colour and shade including priming coat on cement plastered / concrete wall surfaces	59.20	1 Sqm		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
57	38.7.1	Painting <b>old walls with two coats of ready mixed Plastic Emulsion PAINT</b> of first class quality paint of approved colour and shade over a priming coat on cement plastered / concrete wall surfaces <b>(Including thorough scrapping)</b>	1006.80	1 Sqm		
58	43.1	<b>Supplying, fabricating and placing in position of Mild steel Grills/Ribbed Tor Steels</b> (without cement slurry)	1.345	1 M.T		
59	44.2.1 a)	Rain water harvesting using defunct borewell and providing perforated cover slab (using crushed stone sand) <b>a). Providing pit</b>	7.00	Each		
60	44.2.b)	<b>b) Augering 30cm dia</b>	14.00	1 RMT		

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1	2	3	4	5	6	7
61	44.6	Supplying and fixing of 110mm dia PVC SWR pipe with ISI mark confirming to IS 13952:1992 Type 'A' for <b>Rainwater Down fall pipe</b> with relevant specials	11.10	1 RMT		
62	54.1.1	Supplying and fixing of half turn <b>C.P Long body Tap</b> of 15mm dia of Best quality including cost of half turn CP tap with required specials	31.00	Each		
63	54.2.1	Supplying and fixing of half turn <b>C.P Short body Tap</b> of 15mm dia of best quality including cost of half turn CP tap with required specials,	5.00	Each		
64	56.3.1	S&F of <b>Indian Water Closet white glazed (Oriya type)</b> of size 580 x 440mm with PVC SWR grade P' or "S' trap - <b>In Gound Floor</b>	1.00	Each		



Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
65	58.3	PVC SWR pipe (Soil line) with ISI mark - type 'B'. a. 110 mm dia.	39.80	1 RMT		
66		b. 75 mm dia.	27.60	1 RMT		
67	60.1	Supplying and fixing of <b>PVC Nahani Trap</b> not less than 75mm 4 way/ 2 way (superior variety)	1.00	Each		
68	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>a. Light point with ceiling rose</b>	2.00	Each Point		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
69		<b>b) Light Point without ceiling rose</b>	2.00	Each Point		
70	65.1	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for <b>Fan point.</b>	1.00	Each Point		
71	67.1	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for <b>5 amps 5 pin plug socket point @ Switch Board Itself.</b>	1.00	Each Point		
72	75.1.2	Supply and delivery of <b>48" (1200 mm) Fan</b> with ISI mark with Eletronic Dimmer	1.00	Each		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
73	77.6	<b>Run of 2 Wires of 4 sqmm</b> PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990.	27.90	1 RMT		
74	207	<b>Painting the old iron work with one coat of ready mixed first class synthetic enamel paint</b> of approved quality and brand, the paint should supplied by the contractor at his own cost including thorough scrapping with sand paper the old iron work surface.	96.10	1 Sqm		
75	211	<b>Clean removal of the old cement plastering</b> both inside and outside from the existing walls of brick masonry and racking out joints to 20mm deep without damaging the existing structure.	12.50	1 Sqm		
76	218	<b>Dismantling the damaged pressed tiles in cement mortar</b> without affecting the adjacent structures in all floors including the cost of required tools and plants.	5.30	1 Sqm		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
77	243	Dismantling the existing floor finish and dadoing walls in cement mortar with Mosaic Tiles / Glazed Tiles / Cuddapah Slabs without damaging the existing structure.	15.60	1 Sqm		
78	344.2	Supply & Fixing of <b>Bevelled edge mirror</b> of approved quality and brand of size 500 x 400 x 5.5mm	23.00	Each		
79	385	Supplying and fixing of <b>cloth drying arrangements</b>	10.00	Each		
80	799	Painting the new walls with <b>TWO COATS OF OIL BOUND DISTEMPER</b> over the primer coat of white cement of approved brand over cement plastered wall surfaces.	184.80	1 Sqm		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
81	799.1	Painting the <b>old walls</b> with <b>TWO COATS OF OIL BOUND DISTEMPER</b> over primer coat of white cement of approved brand over cement plastered wall surfaces including scrapping Cost of paints, putty, brushes, watering, curing etc., all complete	2242.50	1 Sqm		
82	A1	<b>ANNEXURE - II</b> Providing and fixing for the <b>paint coated mild steel double decker bunk bed size of (0.91m x 1.98m)</b> using MS tube size 40X40 square tube, 25X25 square tube, 16 gauge MS Sheet with side ladder and preventing rails for men in the upper bed for not falling down bed and lower bed sing 16G CR sheet with 3 1/4" x 1 x 1/2" folding on four sides with four "V" shape stiffeners and two cross stiffeners. All the steel parts are painted with two coats of enamel paint after corrosive treatment etc., in all respects and as directed by the departmental officers.	14.00	Each		
83	A2	Supplying and delivery of <b>coir Mattresses of size 75"x36"x4" with 4" coir</b> primary material- Foam and coir and quilt, type-sandwich, Bed Size- Single, should not required any assembly etc., all complete and as directed by department officers. (The brand and quality of the materials should be got approved by the Executive Engineer before use in work)	59.00	Each		
84	A3	Supplying and delivery of <b>Pillow (16"x24")</b> to the site including cost of material and cost of conveyance charges ect.,, all complete as where required and as directed by the departmental officers (The brand and quality of the materials should be got approved by the Executive Engineer before use in work)	59.00	Each		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
85	A4	Supplying and delivery of <b>Pillow Cover (16"x24")</b> to the site including cost of material and cost of conveyance charges ect.,, all complete as where required and as directed by the departmental officers (The brand and quality of the materials should be got approved by the Executive Engineer before use in work)	118.00	Each		
86	A5	Supplying and delivery of <b>Bed Cover of size 38" x 75"</b> using cotton material to the site including cost of material and cost of conveyance charges etc.,, all complete as where required and as directed by the departmental officers (The brand and quality of the materials should be got approved by the Executive Engineer before use in work)	118.00	Each		
87	A6	Supplying and fixing of <b>wall mounted foldable study table of size 0.6m x 0.4m</b> using 18mm thick MDF board one side laminated with I-max foldable hinges of size 12" with fittings for fold down table including cost of materials, labour and conveyance charges etc., all complete and as directed by the departmental officers.	44.00	Each		
88	A7	Supplying and delivery of <b>Steel table of size 4'X2'X2'6"</b> using top 18mm thick one side laminated MDF board, 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 and key arrangements and necessary painting including cost of material, conveyance and labour charges etc.,, all complete as where required and as directed by the departmental officers	3.00	Each		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
89	A8	Supplying and delivery of <b>Plastic Chair (Nilkamal/Similar)</b> (The brand and quality of the materials should be got approved by the Executive Engineer before use in work)	47.00	Each		
90	A9	Supply and fixing of <b>3 seater sofa set of size 70"x29"x34"</b> with 6" height cushion, fabric top finish, wooden joist including cost of materials, conveyance and labour charges etc., all complete and as directed by the departmental officers .(The materials should be got approved by the Executive Engineer before use in work)	1.00	Each		
91	A10	Supplying and delivery of <b>Dry Iron box 1000 W (PHILIPS/Similar)</b> etc. all complete and as directed by the departmental officers.(The brand and quality of the materials should be got approved by the Executive Engineer before use in work)	10.00	Each		
92	A11	Supply and delivery of folling size <b>Steel Table Stand with Press Holder, Foldable &amp; Height Adjustable/Ironing Board</b> with Multi-Function Ironing Table/Ironing Board Covers with Foam pad IRONING SPACE: (LxB=123x38cm Total H-Min-75cm Max-Up to 90cm). IRONING REST: (LxB=20x30cm). BASE LEG: (LxB=90x36cm) including cost of material and cost of coveyance charges etc.,all complete and as directed by the departmental officers.	10.00	Each		

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1	2	3	4	5	6	7
93	A12	Supply and fixing of <b>Bio metric</b> LX16 with SSR report (Self service recorder) stored in time clock, format converted in excel format, vivid inter face of finger print quality for single finger including all materials, labour charges and transportation etc. all complete and as directed by the departmental officers.(The quality of the materials should be got approved by the Executive Engineer before use in work)	1.00	Each		
94	A13	<b>Supply and installation of wall mounted 4U Rack with lock and key</b> size-55x40x23cm, Max loading-60Kg, material-SPCC cold rolled sheet,Front toughened glass door, Turning angle of front door over including cost of materials, 180 degree, powder coating-Frame RAL 7035, Door-RAL7016 labour for installation and transportation etc., all complete (The quality of the materials should be got approved by the Executive Engineer before use in work)	1.00	Each		
95	A13(a)	<b>Supply and installation of wall mounted 2U Rack with lock and key</b> size-55x35x15cm, Max loading-60Kg, material-SPCC cold rolled sheet,Front toughened glass door, Turning angle of front door over including cost of materials, 180 degree, powder coating-Frame RAL 7035, Door-RAL7016 labour for installation and transportation etc., all complete (The quality of the materials should be got approved by the Executive Engineer before use in work)	1.00	Each		



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1	2	3	4	5	6	7
96	A14	Supply delivery and installation of <b>Desktop with Monitor</b> V520 Slim Tower (10NNA01 A1H) 4GB DDR4 RAM 1 TB HDDI intel CORE-i3 4GB 1TB (DOS) 19.5" Inch HD screen, Key board and mouse (One+Two) with 3 year warranty (Lenovo/similar) etc, (The brand and quality of the materials should be got approved by the Executive Engineer before use in work)	1.00	Each		
97	A15	<b>Supply and Installation of Indoor 802.11ac Wave 2 2x2:2 Wi-Fi Access Point with all Mounting Kit and POE Injector</b> a) Indoor 802.11ac Wave 2 2x2:2 Wi-Fi Access Point with all Mounting Kit and POE Injector etc., all complete and as directed by the departmental officers.	7.00	Each		
98	A16	Supply and fixing of <b>8 Port POE LAN NETWORK switch 10/100/1000 Mbps</b> with necessary connection, checking the coinnectivity end to end and labour etc., all complete as per standard specification and as directed by the Departmental Officers	2.00	Each		
99	A17	Supply and delivery of <b>All in one Printer (Scan/Copy/Xerox)</b> (HP MFP 136W/ similar) with relevant standard specifications including conveyance, Labour etc, all complete and as directed by the departmental officers. (The brand should be got approved from the Executive Engineer before supply made).	1.00	Each		

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1	2	3	4	5	6	7
100	A18(a)	Supply and installation of <b>4TB Hard Disk</b> for the above NVR for extended recoding higher read/write bandwidth, low power profiling, etc., all complete and as directed by the departmental officers. (The quality and brand of the of the hard disk should be got approved by the Executive Engineer before use in work)	1.00	Each		
101	A19	Supply and laying of <b>HDMI Cable 5mtrs</b> with ISI mark of approved quality etc., all complete and as directed by the departmental officers.	5.00	1 Rmt.		
102	A20	Supply and installation of <b>2MP IP/ bullet network Camera</b> , Max Resolution:2MP, Video compression: H.265, WDR:120DB, LENS :4mm/ Multi streaming IR range:30 Meter, Brand :HIKVISION/Similar (The brand should be got approved from the Executive Engineer before use in work).	6.00	Each		
103	A21	Supply anf Installation of <b>Network Video recorder</b> (Upto 16 Channel IP Camera input) upto 6 MP resolution recording 2 SATA 1 USB 2.0, 1 Usb 3.0 support H.264+/H.264/MPEG4 video formats etc., all complete and as directed by the departmental officers.	1.00	Each		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
104	A22	Supply and fixing of <b>Network Switch</b> : supply and installation of 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 8023 at (802.3 at Type1) etc., all complete and as directed by the departmental officers.	1.00	Each		
105	A23	Supply and delivery of <b>CAT 6 Cable</b> with ISI mark etc. all complete and as directed by the departmental officers.	250.00	1 RMT		
106	A23(a)	Supply and installation of <b>CAT 6 23AWG 4 Pair pure copper UTP cable</b> etc., all complete and as directed by the departmental officers.	375.00	1 RMT		
107	A24	<b>Installation, Testing and commissioning of whole CCTV system with proper handing over &amp; with proper Documentation</b> etc., all complete and as directed by the departmental officers.	6.00	Each		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
108	A24(a)	Supply and installation of <b>32" LED MONITOR</b> with good quality including cost of materials & conveyance etc., all complete and as directed by the departmental officers. (The brand should be got approved from the EE before supply)	1.00	Each		
109	A25	<b>Supplying and installation of UPS Inverter panel 5KVA-Static UPS Without Battery</b> 48V Static UPS to Support Computer Load & Non Computer Load. Cost does not include batteries and battery stand ,Requires 6 Batteries Only Brand : EXIDE, Warranty: 36 Months with necessary connection and labour charges etc.,all complete as per standard specification and as directed by the Departmental Officers.(The brand should be got approved from the Executive Engineer before supply made).	1.00	Each		
110	A26	<b>Supplying and installation UPS Battery 100AH Inverter Type Battery</b> Stan master 100AH Flat Inverter Batteries Capable of Deep Discharging for longer back up time. Make:EXIDE/similar, Warranty -36 Months (The brand should be got approved from the Executive Engineer before use in work).	6.00	Each		
111	A27	<b>Supply and fixing of Battery Stand for 100 AH:</b> Cost of a Standard Battery Stand for housing 100 AH SMF Batteries, the cost is including battery terminal and inter linking cables etc., all complete and as directed by the departmental officers.	1.00	Each		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
112	A28	Supply and fixing of <b>WEATHER PROOF BOX FOR OUTDOOR CAMERA</b> with proper position including materials and Labour etc., and as directed by the departmental officers.	6.00	Each		
113	A29	<b>Supply, delivery and installation 32" LED SMART TV with multiple use (LG 32LT 340C / similar) commercial LED TV</b> Resolution: 1366 x 768 (HD), screen size 32" with ISI mark including cost of stabilizer (V guard/similar) and the same should be fixed as where required etc.,, all complete as directed by the departmental officers.(The brand should be got approved from the Executive Engineer before supply made)	1.00	Each		
114	A30	Supply, delivery and installation and fixing <b>TV DISH HD BOX</b> with remote control necessray connection between TV and Dish including cable , screws with relevant standard specifications including Labour and as directed by the departmental officers.(The brand should be got approved from the Executive Engineer before use in work).	1.00	Each		
115	A31	Supplying and fixing smoke control automatic <b>Sanitary napkin Disposal machine (disposal capacity of 25 nos/day)</b> to the the site including cost of machine and cost of coveyance charges ect.,, all complete as where required and as directed by the departmental officers ( the disposal capacity of the machine is 25 No's/day) (The quality of the materials should be got approved by the Executive Engineer before use in work)	1.00	Each		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
116	A32	Supplying and fixing of <b>Automatic electrical water heater 5 STAR 15 LITRE CAPACITY VERTICAL WATER HEATER</b> white blue including all connections etc.,all complete and as directed by the departmental officers.(The brand should be got approved from the Executive Engineer before use in work).	22.00	Each		
117	A33	Supply and fixing of <b>Drinking water fountain with cooler (Usha Model SP4080/similar)</b> Capcity:80 litres,Type: storage water cooler, Cooling capacity:40lit/Hr, Weight:42Kg, Refridgerant:R-22, Dimensions: 590X490X1200mm, Compressor-Reciprocating, Rated Current:2.5 Amp. including cost of materials, labour and transportation etc., all complete and as directed by the departmental officers. (The quality and brand should be got approved from the executive engineer before use)	2.00	Each		
118	A34	Supply and fixing <b>sign- Board ACP Sheet &amp; LED Board Design work</b> ACP Sheet Board Size 15x3 Samsung Brand LED Bulb, L.E.D. transformer P.V.C & Foam cup letters all ways work , cost of all materials, labour charges and transporting charges etc., all complete and as directed by the departmental officers.	1.00	Each		
119	A35	Supply and fixing of <b>stored pressure ABC (Mono Ammonium Phospate) Powder Type Fire Extinguisher of 6 kg. capacity</b> as per IS:15683 with pressure gauge, discharge hose & control nozzle, wall mounting bracket, safety clip etc., including conveyance, all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary etc, complete as per standard specification and as directed by the Departmental Officers. Make: EXCELLENT / SAFETY FIRST / EQUIVALENT	4.00	Each		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
120	A36	Supply and fixing of <b>Carbon-di-Oxide Gas Type 4.5 kg. capacity Fire Extinguisher</b> with ISI marked.as per New IS15683, complete with control valve, discharge hose with horn, wall mounting bracket, safety clip etc., including conveyance, all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary etc., complete as per standard specification and as directed by the Departmental Officers. Make: EXCELLENT / SAFETY FIRST / EQUIVALENT	1.00	Each		
121	A37	Supplying & delivery of <b>Plastic Garbage Bin of size 10" dia, 12" height including all materials and labour charges</b> etc. all complete and as directed by the departmental officers.	22.00	Each		
122	A38	Supplying & delivery of <b>of Plastic Garbage Bin with Lid (For Kitchen) of size 30x30x30cm 2 in 1 Red/Blue &amp; Green dust bin dry &amp; wet waste, 20 litre capacity</b> including all materials and labour charges etc. all complete and as directed by the departmental officers.	2.00	Each		
123	A39	Supplying and delivery of <b>Cotton blend Cloth door mat of size 1.0m x 0.45m</b> with durable easy to clean and long lasting etc., all complete and as directed by the departmental officers.	22.00	Each		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
124	A40	Supplying and fixing of <b>Polyester curtain (ordinary Blinds)</b> the plysurface of approved colour and shade with grooves and lines and in patterns on specified area as instructed by architect/clinnet and including the cost of necessary hardwares, adhesives, melamine polising, wastages etc., all complete and as directed by the departmental officers.	69.50	1 Sqm		
125	A41	Supplying and fixing of <b>high speed Torpedo 400mm-wall mounting fan</b> with suitable Vertical & Horizontal oscillation controls and single phase supply complete etc., (Orient make/similar) etc. all complete and as directed by the departmental officers.Speed:2100RPM, Voltage:230V, Air delivery 105CMM, Blade:aerodynamically designed & balanced blades, Top: Thrmal load protector Motor Speed:3, Input power: 125W, Frequency: 50Hz:warranty: 2 years etc., all complete and as directed by the departmental officers.	14.00	Each		
126	A42	<b>Run of 2 Wires of 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable</b> with ISI mark confirming IS: 694:1990. <b>[Open Wiring]</b>	121.00	1 RMT		
127	A43	<b>Run of 2 Wires of 2.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable</b> with ISI mark confirming IS: 694:1990. <b>[Open Wiring]</b>	235.80	1 RMT		



Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
128	A43 (a)	<b>Run off mains with 4 wires of 4 Sqmm</b> copper PVC insulated unsheathed single core 1.1KV cable wire continuous earth by means of 2.5 Sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable in fully concealed 19 mm / 20 mm dia rigid PVC conduit pipe heavy duty with ISI mark including cost of all materials, specials, etc., all complete. <b>(OPEN WIRING)</b>	139.00	1 RMT		
129	A43 (b)	Wiring with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 K.V. grade cable <b>(OPEN WIRING)</b>  a) Light point with ceiling rose	4.00	Each Point		
130	A43 (c)	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable for <b>5 amps 5 pin plug socket point at convenient places</b> including circuit mains cost of all materials, specials, etc., all complete <b>(OPEN WIRING)</b>	26.00	Each Point		
131	A44	<b>Providing Aluminium partition wall top with 1/3 5.5mm thick plain glass and bottom with 2/3 Novapan sheet 12mm tk.</b> The outer frame top and bottom using rectangular box section No.9221	4.80	1 Sqm		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
132	A45	<b>Supplying &amp; fixing of LED bulbs</b> suitable for fixing it to pendent / bakelite battern holder of best approved variety etc., all complete and as directed by the departmental officers  <b>a) 9 watts LED bulb</b>	12.00	Each		
133	A46	Supplying and fixing of <b>18 Watts LED Tube light and fixing the tube light fittings</b> on teak wood round blocks of 75mm dia 40mm deep suspended from ceiling or mounted on the wall etc., all complete and as directed by the departmental officers	18.00	Each		
134	A47	Supplying and fixing of <b>25 Watts LED lamp with street light fittings arrangements</b> using 25mm dia GI "B" class pipe for 1.50m length including cost of materials labour charges for fixing of LED street light fitting in EB pole/wall etc all complete as per relevant standard specification and as directed by the departmental officers. (The quality of the 25 watts LED lamp with street light fittings should be got approved from the executive engineer before use)	10.00	Each		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
135	A49	Supply and fixing of <b>PVC Mosquito net</b> with alround wooden scantlings should be provided with 144 holes per square inch to windows, ventilators and clerestory windows using wire gauge with average width of aperture 1.4mm in both directions with wire of dia 0.50mm etc., all complete and as directed by the departmental officers. (The quality of mesh should be got approved from the Executive Engineer before use)	83.60	1 Sqm		
136	A50	Supply and fixing of <b>4' x 3' Aluminium frame Notice board.</b> Board has soft, durable fabric surface use pins or velcoro to hang papers, notes, memos. Fabric surface is permanently laminated to a 1/2" extra thick board to ensure long life. Frame is crafted from aluminium with corners without any sharp, pointing edge including cost of material, labour and transportation etc., all complete.	1.00	Each		
137	A51	Supplying and delivery of <b>Mixer Grinder 750W 4 Jars (Butterfly jet Elite Mixer/similar)</b> Dimensions: 52x21x30.5CM (LxWxH), Voltage:220-240V,50-60Hz, revolution18500,Jars:4Jars with lid, Material:Stainless Steel Jars and and PC Juicer Jar, Body material:high quality ABS body, Cord material:180CM, Blade material:stainless steel, Speed control: 3 speed motor for faster and efficient grinding, Body made of ABS with shock free with necessary warranty etc., all complete and as directed by the departmental officers..(The brand and colour of the materials should be got approved by the Executive Engineer before use in work)	1.00	Each		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
138	A52	Supplying and delivery of <b>Table top Wet Grinder 2 Liters capacity (Butterfly rhino plus/similar)</b> Wattage:150W, Volatge: 220 to 240V, 50-60Hz, Revolution:1300, No.of Jars:1,Jar size:2 litres, Jar material: stainless steel, Body material:high quality ABS body, Cord material:180CM, Speed control - 1 speed, 1 no.of griding stone, 1 No.of coconut scrapper, 1 no.of atta kneader, uniform grinding pressure, strudy high torque single phase motor, detachable ss drum and roller stone, efficient operating time: 20 minutes continuously with necessary warranty etc., all complete and as directed by the departmental officers.(The quality of the materials should be got approved by the Executive Engineer before use in work)	1.00	Each		
139	A53	Supplying and delivery of <b>Refrigerator 255 liters with 3 Star direct cool</b> single door base with necessary warranty and stand with drawers (Samsung/ Similar) Form factor:standard single door, pattern:solid, configuration: freeze on top, Cooling method:compressor, energy star:3 star, Dimensions: 64x54.9x161.5CM (LxWxH), Finishing type:Matt etc., all complete and as directed by the departmental officers.(The colour of the materials should be got approved by the Executive Engineer before use in work)	1.00	Each		
140	A54 (a)	Supply and installation of <b>18mm PVC conduit Pipe</b> with relevant standard specifications including Cost of materials and Labour charges etc., all complete and as directed by the departmental officers.	200.00	1 RMT		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
141	A55	Supplying and fixing of <b>First Aid Box</b> complete with <b>all First Aid Medicines</b> of sterilized dressings, cotton wool 10GM, Antiseptic solution 100ml, burn ointment, Scissor, Digital Thermometer, Disposal Mask, Adhesive Microporous tape 1/2", Band Aid, Safety pins, Sofraxine cream, Cold rub, Roller Bandage 5CM, Roller Bandage 10CM, Cotton buds, First Aid guide booklet etc., all complete as per standard specification and as directed by the Departmental Officers.	1.00	Each		
142	A56	<b>Hire Charges for deploying earth moving machinery (JCB/Poclain) for earthwork</b> including diesel, oil and labour charges etc, all complete and as directed by the departmental officers.	15.00	1 Hour.		
143	A57	<b>Labour charges for Cleaning light jungle</b> in the work site including required tools & plants and dumping the waste material to out of site boundary etc. all complete and as directed by the departmental officers.	443.40	1 Sqm		
144	A58	<b>Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess</b> , including providing and fixing 1 no. of 6A 3 pin and 2 pin combined flush type wall socket with 6A flush type switch 6 Amps modular type single way switch, connections as required for rooms etc., all complete and as directed by the departmental officers.	14.00	Each		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
145	A61	Supply and delivery, fixing of <b>0.47mm Galvanium sheet roof</b> of approved quality with necessary J bolts with bitumen and GI washers including cost of Errection, Fasteners, Transportation charges and all other labour charges included etc., complete and as diected by the departmental officers.	46.00	1 Sqm		
146	A62	Supply and fabrication of <b>two wheeler shed truss work</b> by using MS pipe 4" dia 4.50mm thick & 3" dia 4.05mm thick vertical post, Truss alround using MS square tube 70x70x3mm and 40x40x3mm for truss intermediate, horizondal purlins including cost of labour charges for erection, fixing, transportation and one coat of red oxide primer etc., all complete.	490.60	1 Kg.		
147	A63	Supply and fabrication of <b>laundry shed truss work</b> by using MS pipe 3" dia 4.05mm thick vertical post, Truss using MS square tube 70x70x3mm and 40x40x3mm for horizondal purlins including cost of labour charges for erection, fixing, transportation and one coat of red oxide primer etc., complete and as diected by the departmental officers.	240.00	1 Kg.		
148	A66	Painting the <b>Best Varnishing two coats over wood work</b> including labour charges, cost of varnish, brushes including scrapping etc, all complete and as directed by the departmental officers.	8.60	1 Sqm		

Sl. No.	Item No	Description of Work	Qty	Unit	Rate exclusive of GST in Fig. and in words	Amount
1	2	3	4	5	6	7
149	A67	Supplying, laying, fixing and jointing the following CPVC pipes as per ASTM D-1785 of schedule 40 of wall thickness	46.00	1 RMT		
150	A78	Supply and fixing of <b>Sunshade arrangements to the existing ventilators</b> by providing triangular shape MS square tube 40x40x3mm thick for vertical support, MS Square tube 25x25x2mm thick for horizontal strip and covering top with galvanium sheet 0.47mm thick including fixing charges the walls, MS coach screws one coat of Red oxide primer etc., all complete and as directed by the departmental officers.	1.70	1 Sqm		
151	A79	Labour wrought and put up in position Flush shutters  a) Single leaf shutter	1.85	1 Sqm		
<b>Total ( exclusive of GST )</b>						
<b>(Rupees)</b>						