

Road and Building Department

Name of Work: 4403-Construction Of Animal Husbandry At Rapar,Ta-Rapar

Schedule - B

It. No.	Qty. Est. but may be more	Item of work	Tendered Rates		Unit	Total amount according to
			In Figures	In Words		
1	592.00	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. (C) Hard Murrum	267.08	Two Hundred Sixty-Seven Rupees and Eight Paise	Cu.M .	158111.36
2	126.00	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. (C)Hard Murrum	287.21	Two Hundred Eighty-Seven Rupees and Twenty-One Paise	Cu.M .	36188.46
3	425.00	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm.in depth consolidating each disposed layer by ramming and watering.	136.92	One Hundred Thirty-Six Rupees and Ninety-Two Paise	Cu.M .	58191
4	13.00	(A) Lime, murrum, building rubbish, earth, manure or sludge & excavated rock and rubbish	335.94	Three Hundred Thirty-Five Rupees and Ninety-Four Paise	Cu.M .	4367.22
5	121.00	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete	481.80	Four Hundred Eighty-One Rupees and Eighty Paise	Cu.M .	58297.8
6	255.00	Carring out plinth treatment to post construction/ existing structure by spraying chemical solution for termite control treatment including labour and material consistment with I.S.I specification. Using Chlordene and Chiorpurfiles 20 EC. As Per 6131_paret-II Consentration Weight one percent is recommended i.e one litre 20 EC chemical emulsion with 19 liter give 1% concentration inclusive of one litre chemical emulsion appication at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S	124.35	One Hundred Twenty-Four Rupees and Thirty-Five Paise	Sq.M	31709.25

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7	48.00	Providing and laying cement concrete 1:4:8 (1- Cement:4-coarse sand: 8- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	2767.10	Two Thousand Seven Hundred Sixty-Seven Rupees and Ten Paise	Cu.M	132820.8
8	32.00	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (C) Slabs, landing, shelves, Balconies, Lintels, Beams, Girders and Cantilever upto floor two level	4240.21	Four Thousand Two Hundred Forty Rupees and Twenty-One Paise	Cu.M	135686.72
9	72.00	Providing and laying controlled cement concrete M.250 and curing complete including the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete. Including cost of form work	4582.60	Four Thousand Five Hundred Eighty-Two Rupees and Sixty Paise	Cu.M	329947.2
10	16.00	Providing and laying controlled cement concrete M250 and curing complete including the cost of form work but excluding the cost of reinforcement for reinforced concrete work in Columns, pillars posts and struts Column Up to Plinth Level	7876.63	Seven Thousand Eight Hundred Seventy-Six Rupees and Sixty-Three Paise	Cu.M	126026.08
11	18.00	Providing and laying controlled cement concrete M-200 and curing complete including the cost of form work but excluding the cost of reinforcement for reinforced concrete work in Columns, pillars, posts and struts up to floor two level for Columns For All Floors.	7900.57	Seven Thousand Nine Hundred Rupees and Fifty-Seven Paise	Cu.M	142210.26
12	31.00	Providing and laying controlled cement concrete M250 and curing complete including the cost of form work but excluding the cost of reinforcement for reinforced concrete work For Plinth Beams	5984.07	Five Thousand Nine Hundred Eighty-Four Rupees and Seven Paise	Cu.M	185506.17
13	34.00	Providing and laying controlled cement concrete M200 and curing complete including the cost of form work but excluding the cost of reinforcement for reinforced concrete work in Beams For All Floor.	6350.88	Six Thousand Three Hundred Fifty Rupees and Eighty-Eight Paise	Cu.M	215929.92

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14	44.00	Providing and laying controlled cement concrete M200 and curing complete including the cost of form work but excluding the cost of reinforcement for reinforced concrete work for Slab All floors	6450.47	Six Thousand Four Hundred Fifty Rupees and Forty-Seven Paise	Cu.M	283820.68
15	22.00	Providing and laying controlled cement concrete M-200 and curing complete including the cost of form work but excluding the cost of reinforcement for reinforced concrete work For Sill/Lintels in All Floors	7845.48	Seven Thousand Eight Hundred Forty-Five Rupees and Forty-Eight Paise	Cu.M	172600.56
16	1.00	Providing and laying controlled cement concrete M-200 and curing complete including the cost of form work but excluding the cost of reinforcement for reinforced concrete work For Chajja in All Floors	6342.70	Six Thousand Three Hundred Forty-Two Rupees and Seventy Paise	Cu.M	6342.7
17	32057.00	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	77.29	Seventy-Seven Rupees and Twenty-Nine Paise	Kg.	2477685.53
18	86.10	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5 (1-Cement: 5-fine sand)(B) Conventional	4245.09	Four Thousand Two Hundred Forty-Five Rupees and Nine Paise	Cu.M	365502.25
19	126.00	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. above plinth level upto floor TWO level in Cement Mortar 1:5 (1- Cement: 5-fine sand)(B) Conventional (4203.06+278.93-4481.99)	4526.81	Four Thousand Five Hundred Twenty-Six Rupees and Eighty-One Paise	Cu.M	570378.06
20	30.00	Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1-Cement: 4-coarse sand) in Extra for half brick masonry in superstructure above plinth level upto floor two level. (B) Conventional (623.60+53.89)	684.26	Six Hundred Eighty-Four Rupees and Twenty-Six Paise	Sq.M	20527.8
21	241.00	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand) (178.61+25.8)	206.45	Two Hundred Six Rupees and Forty-Five Paise	Sq.M	49754.45

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22	787.00	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)	180.40	One Hundred Eighty Rupees and Forty Paise	Sq.M	141974.8
23	823.00	20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement: 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement: 1-sand) etc. complete.	315.69	Three Hundred Fifteen Rupees and Sixty-Nine Paise	Sq.M	259812.87
24	960.00	Applying two coats of putty & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth.	40.59	Forty Rupees and Fifty-Nine Paise	Sq.M	38966.4
25	960.00	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	84.37	Eighty-Four Rupees and Thirty-Seven Paise	Sq.M	80995.2
26	823.00	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	120.26	One Hundred Twenty Rupees and Twenty-Six Paise	Sq.M	98973.98
27	64.00	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for Light Shade	1476.54	One Thousand Four Hundred Seventy-Six Rupees and Fifty-Four Paise	Sq.M	94498.56

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It. No.	Qty. Est. but may be more	Item of work	Tendered Rates		Unit	Total amount according to
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28	150.00	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finished with flush pointing & cleaning the surface etc. complete for antiskit	1120.36	One Thousand One Hundred Twenty Rupees and Thirty-Six Paise	Sq.M	168054
29	24.00	Providing and laying Vitrified tiles 8 to 10 mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement: 3-coarse sand and jointed with white cement slurry	1592.40	One Thousand Five Hundred Ninety-Two Rupees and Forty Paise	Sq.M	38217.6
30	7.00	Providing and laying Ceramic tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement: 3-coarse sand) finishing with flush pointing in white cement. (Matt Finished Ceramic	1017.30	One Thousand Seventeen Rupees and Thirty Paise	Sq.M	7121.1
31	54.00	Providing and laying coloured glazed tiles of the size 300 mm x 600 mm x 8 mm in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement: 3 coarse sand) & jointed with white cement slurry.	1488.24	One Thousand Four Hundred Eighty-Eight Rupees and Twenty-Four Paise	Sq.M	80364.96
32	3.00	Providing and fixing in position collapsible steel shutters with vertical channels 20 x 10 x 2 mm braced with flat iron diagonals 20 x 5 mm size with top and bottom rails of T_rin 40x 40 x 6 mm with 38mm dia, steel pulleys complete with bolts, nuts, locking arrangements, stoppers handles including applying a priming coat of red lead paint.	6071.50	Six Thousand Seventy-One Rupees and Fifty Paise	Quint el	18214.5

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33	7.00	Providing and fixing FRP FRAME size 100 X 50 mm and 28 mm thick FRP Degree panel shutter having extra reinforcement on sides and edges and in Gel coat finish. The core of the shutter is to be filled up with injected fire retardant grade polyurethane foam done in situ along with embedded wooden pieces for stiffening and also for taking hinges and fixtures. The whole FRP frame and shutter is to be water proof, weather proof, termite proof and resistance to mild acid/Alkali, Rates are to be inclusive of S.S. hinges with necessary screws and alluminium fixtures and fastening product should have 3 years performance guarantee and company have ISO 9001-2000 certificate.	2377.76	Two Thousand Three Hundred Seventy-Seven Rupees and Seventy-Six Paise	Sq.M	16644.32
34	19.00	Providing and fixing flush door shutters solid core construction with frame of 1st class teak wood with cross bend and face veneer of plywood face pannels including anodized alluminium butt hinges with necessary serews, Allu. Aldrop, Allu. Handle 6", Allu. Tadi 10", Allu. Stopper 8", Allu. Rubber Plug. [B] Decorative type with 1mm laminated sheet on both sides & block board core anodized alluminium butt hinges. [I] Flush door shutters 35 mm thick including oil paint etc. with all necessary fixtures complete.	3552.39	Three Thousand Five Hundred Fifty-Two Rupees and Thirty-Nine Paise	Sq.M	67495.41

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It. No.	Qty. Est. but may be more	Item of work	Tendered Rates		Unit	Total amount according to
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35	45.00	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 63.50 x 38.10 x 1.95 mm, @ Wt 1.094 Kg /Rmt, horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm @ wt.of 0.695 Kg/mt, vertical member of size 61.85 mm x 31.75mm x 1.30 mm @wt.of 0.659 Kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm @wt.of .456Kg/mt, vertical member of size 40mm x 18mm x 1.29mm @wt.of 0.456Kg/mt, @ Wt. 0.457 Kg/mt with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	1713.70	One Thousand Seven Hundred Thirteen Rupees and Seventy Paise	Sq.M	77116.5
36	3.00	Providing and fixing standard extruded of alluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section : 2434, @ Wt. 0.643 Kg/mt) with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	1175.56	One Thousand One Hundred Seventy-Five Rupees and Fifty-Six Paise	Sq.M	3526.68
37	90.00	Providing and laying 16-18 mm thick polished Black Granite stone slab machine cut in single piece in sill and jambs laid on 10 mm thick cement mortar 1:3 (1 cement: 3 coarse sand) with half round Edge Moulding laid over and jointed with grey cement slurry incl. rubbing and polishing etc complete.	3174.99	Three Thousand One Hundred Seventy-Four Rupees and Ninety-Nine Paise	Sq.M	285749.1
38	1834.00	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill.	109.08	One Hundred Nine Rupees and Eight Paise	Kg	200052.72
39	64.00	Applying priming coat and Painting two coats on new or previously painted steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleanicn the surface of all dirt, dust and other foreign matter. (36.06+91.29=127.35)	128.62	One Hundred Twenty-Eight Rupees and Sixty-Two Paise	Sq.M	8231.68

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40	9.00	Providing throating or plaster drip and moulding to R.C.C. Chhajja.	43.05	Forty-Three Rupees and Five Paise	Rmt	387.45
41	2.50	Providing & Fixing Sandwich type Kitchen Platform of 700mm wide using Top 18mm thick granite of approved shade and sample and bottom 25mm thick single side Polished kota stone with 25 mm thick screed of cement mortar 1:3 With granite Facia Patti. and vertical End granite supports. The stone shall be fixed by chassing in to the wall surface and supported vertically with 25mm thick sandwich kota stone support including SS Sink Glosy ASIS 304 Grade x 1mm thick with over all size 485x410 mm, waste brass coupling, C.P. brass waste for washbasin or sink., flexible PVC outlay pipe, etc complete as suggested by Engineer -in-charge.	5274.61	Five Thousand Two Hundred Seventy-Four Rupees and Sixty-One Paise	Sq.M	13186.53
42	2.00	Providing and fixing wsh down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement: 1-fine sand) (Seal and cover to be measured and paid for separately) (A) vitreous China Pattern: (i) in white colour (1343.38+329.1+288.45)	1980.54	One Thousand Nine Hundred Eighty Rupees and Fifty-Four Paise	Nos.	3961.08
43	2.00	Providing and fixing G.I. flush jet pipe with hanging clamp for W.C. Pan	353.50	Three Hundred Fifty-Three Rupees and Fifty Paise	Nos.	707
44	1.00	Providing and fixing Urinal or approved quality including connecting the Urinal with waste pipe, tap etc. complete.(A) White earthenware flat back or corner type size 430mm x 260mm x 350mm.	1074.86	One Thousand Seventy-Four Rupees and Eighty-Six Paise	Nos.	1074.86
45	2.00	Providing and fixing PVC dual flush tank of 10 L capacity after cleaning of dirt, dust and other foreign material As directed by engineer in charge	2172.01	Two Thousand One Hundred Seventy-Two Rupees and One Paise	Nos.	4344.02

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It. No.	Qty. Est. but may be more	Item of work	Tendered Rates		Unit	Total amount according to
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46	2.00	Providing and fixing flat back wash basin white 55 x 40 cm size with C.I. or M.S. bracket including cutting holes and making good the same including fixing Pillar Cock Long Neck, Angular Stop cock, water connection pipe 60cm. long, PVC waste pipe and waste coupling etc. complete	2350.80	Two Thousand Three Hundred Fifty Rupees and Eighty Paise	Nos	4701.6
47	4.00	Providing and fixing brass screw down stop tap. [A] 15mm dia.	205.83	Two Hundred Five Rupees and Eighty-Three Paise	Nos.	823.32
48	1.00	Providing and fixing ball cock of approved quality as directed. [A] Copper Metal [i] 25mm dia	132.89	One Hundred Thirty-Two Rupees and Eighty-Nine	Nos.	132.89
49	2.00	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete. (i) 25mm dia.	263.77	Two Hundred Sixty-Three Rupees and Seventy-Seven Paise	Nos.	527.54
50	3.00	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers.	859.41	Eight Hundred Fifty-Nine Rupees and Forty-One Paise	Nos.	2578.23
51	4.00	Providing and fixing PVC SWR Nahni trap IS 14735 for drain -100 mm diameter with jail of the following nominal diameter of self cleaning design wit c.I scread down or hinged grating including the cost of cutting and making good the wall.	586.27	Five Hundred Eighty-Six Rupees and Twenty-Seven Paise	Nos.	2345.08
52	54.00	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH-40) for cold water including fittings make Pas approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	72.65	Seventy-Two Rupees and Sixty-Five Paise	Rmt	3923.1

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53	25.00	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH-40) for cold water including fittings make as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	91.84	Ninety-One Rupees and Eighty-Four Paise	Rmt	2296
54	36.00	Providing laying and jointing in true line and level 32mm dia. U.P.V.C. Pipe (SCH-40) for cold water including fittings make as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	119.15	One Hundred Nineteen Rupees and Fifteen Paise	Rmt	4289.4
55	72.00	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor. (F) 75 mm	280.23	Two Hundred Eighty Rupees and Twenty-Three Paise	Rmt	20176.56
56	72.00	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor. (G) 110 mm	339.05	Three Hundred Thirty-Nine Rupees and Five Paise	Rmt	24411.6
57	3.00	Providing and fixing in position cowl went to pipes. (B) 75mm dia.	393.04	Three Hundred Ninety-Three Rupees and Four Paise	Each	1179.12
58	6.00	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size. (B) 75mm dia.	741.01	Seven Hundred Forty-One Rupees and One Paise	Rmt	4446.06

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59	4.00	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight. (i) square mouth traps. (B) 150mm x 100mm size P or R type	1246.92	One Thousand Two Hundred Forty-Six Rupees and Ninety-Two Paise	Nos.	4987.68
60	50.00	Providing, laying and jointing in true line and level 160 diameter U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diameter x 210 mm length x 196 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	834.38	Eight Hundred Thirty-Four Rupees and Thirty-Eight Paise	Rmt	41719
61	3.00	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg/Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm intenal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slabe with 1:2:4 mix (1-cement:2-coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete. (i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line.	2932.93	Two Thousand Nine Hundred Thirty-Two Rupees and Ninety-Three Paise	Nos.	8798.79
62	255.00	Providing and laying cement concrete flooring 1:2:4 (1-cement: 2-coarse sand: 4-graded stone aggregate 20mm nominal size) laid in one layer and finished with a floating coat of neat cement. (B) 50mm thick.	339.08	Three Hundred Thirty-Nine Rupees and Eight Paise	Sq.M	86465.4

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63	255.00	Providing and laying broken china mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall, clearing with water and oxalic acid etc. as directed.	779.70	Seven Hundred Seventy-Nine Rupees and Seventy Paise	Sq.M	198823.5
64	74.00	Providing cement vata (10cm x 10cm size quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.	24.28	Twenty-Four Rupees and Twenty-Eight Paise	Rmt	1796.72
65	4.00	Providing and fixing C.P. Brass screw down Bib Cock Long Body With Wall Flange 15 mm dia with center point as per EIC.	506.73	Five Hundred Six Rupees and Seventy-Three Paise	Nos	2026.92
66	2.00	Providing PVC valve of of 25mm dia of approved quality including fixing in pipe line etc. as per Engineer in charge.	209.70	Two Hundred Nine Rupees and Seventy Paise	Nos	419.4
67	2000.00	Providing erecting and fixing double coated ISI water tank of required capacity each with all necessary fittings and connection etc. complete on terrace	3.95	Three Rupees and Ninety-Five Paise	Litre	7900
68	1.00	Providing and fixing C.I. Manhole cover 0.60 M. x 0.45M. size having weight not less than 35Kg.	958.17	Nine Hundred Fifty-Eight Rupees and Seventeen Paise	Each	958.17
69	325.00	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658: 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidlines of IRC : SP 63-2018 etc. Complete.	706.93	Seven Hundred Six Rupees and Ninety-Three Paise	Sq.M	229752.25
70	156.00	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length, 30cm height and 15cm thick of M200 grade concret as per approved design and including excavation for fixing in proper line and level, filling the joint with C:M 1:3 (1cement:3fine sand) etc complete.	400.87	Four Hundred Rupees and Eighty-Seven Paise	Rmt	62535.72

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			In Figures	In Words		
71	10.00	Providing and Fixing S.S Hand Rail made from 50mm dia Round pipe supported by 16 mm thick SS pipe bend joint with modular "T" joint with 75 mm dia 8 mm thick base flange on wall at 1.0 mt C/C including accessories etc. complete. as per detailed drawing & as directed By EIC	5045.14	Five Thousand Forty-Five Rupees and Fourteen Paise	Rmt	50451.4
72	108.00	Providing and fixing M.S. Steel Gate in Box/Flat/Round Bar/Pipe Section including priming coat and two coats of enamel paint, cleaning and finishing as directed by Engineer In Charge	107.30	One Hundred Seven Rupees and Thirty Paise	Kg.	11588.4
73	10.00	Point wiring for FAN with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (Green) both are of .ISI marked 1.1 kV Grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected with 6A Modular type switch and hum free EME step type electronic fan regulator mounted and accessories with earth continuity of following type erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured/metallic/white front plate modules erected on / in wall / ceiling as per pipe erected. with necessary ceiling rose / H.D.Connector as directed. (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete cat III	809.01	Rupees Eight Hundred Nine Paise One Only	Pts.	8090.1
74	31.00	Point wiring for Light / Bell with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 kV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length , in below type of pipe erected with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured/metallic/white front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed. (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete cat III	582.77	Rupees Five Hundred EightyTwo Paise SeventySeven Only	Pts.	18065.87

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It. No.	Qty. Est. but may be more	Item of work	Tendered Rates		Unit	Total amount according to
			In Figures	In Words		
75	13.00	Point wiring for on board Looped Plug with 6A Modular type switch & 5 pin socket erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate modules erected on / in wall / ceiling with following type accessories cat III	309.06	Rupees Three Hundred Nine Paise Six Only	Pts.	4017.78
76	0.00	Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge.				
	3.00	(10) 6/16Amp. Universal socket Cat.III	199.98	Rupees One Hundred NinetyNine Paise NinetyEight Only	Ea	599.94
	3.00	(9) 16 Amp. SP one way switch Cat.III	180.79	Rupees One Hundred Eighty Paise SeventyNine Only	Ea	542.37
77	210.00	Providing and erecting Mains with 1.1 kV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (A) with medium class Rigid PVC pipe and accessories (b) 2 wire 2.5 sq. mm	104.03	Rupees One Hundred Four Paise Three Only	Mtr.	21846.3
78		providing and erecting Mains with 1.1 kV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (A) with medium class Rigid PVC pipe and accessories				

Schedule - B

It. No.	Qty. Est. but may be more	Item of work	Tendered Rates		Unit	Total amount according to
			In Figures	In Words		
79	24.00	(a) 2 wire 4 sq. mm	140.39	Rupees One Hundred Forty Paise ThirtyNine Only	Mtr.	3369.36
	20.00	(h) 4 wire 6 sq. mm	326.23	Rupees Three Hundred TwentySix Paise TwentyThree Only	Mtr.	6524.6
	12.00	Supplying and erecting Flexible PVC insulated multi strand multi core 1.1 kV grade ISI marked copper wires of following size to be erected as directed. e) 1.50 Sq.mm 3 core round PVC sheathed	58.58	Rupees FiftyEight Paise FiftyEight Only	Mtr.	702.96
80	5.00	"Providing & erecting Switch board for Computer or electric apparatus consisting of following modular type accessories mounted with PVC / Metallic concealed/open box with single mounting base frame covered with textured/metallic /white front plate,modules erected with necessary connections as directed 1 no. 6A/16A universal plug-switch combined. 3 nos. 6A Switch 3 nos. 6A 5 pin Plug For Modular Type Accessories cat III	1133.22	Rupees One Thousand One Hundred ThirtyThree Paise TwentyTwo Only	Ea	5666.1

Schedule - B

It. No.	Qty. Est. but may be more	Item of work	Tendered Rates		Unit	Total amount according to
			In Figures	In Words		
81	15.00	"Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/ aluminium die cast powder coated and high U.V. & corrosion resistance with diffuser with company mark/name 160V to 270V, Power Factor more than 0.95, THD < 15%, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/watt, LED LED driver efficiency > 85 % (fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.)" (A) Tube Light with integral driver(v) 36-40 Watts, Surge-2 kV, IP-20, conventional 4 feet CAT III	535.30	Rupees Five Hundred ThirtyFive Paise Thirty Only	Nos.	8029.5
82	13.00	"Supplying and erecting led lamps with following wattage capacity of 220 to 240 voltage, minimum 15000 burning hours life, 500 V in built-surge protection,Polycarbonate diffuser, mounting suitable for E14 / E27 / B22 lamp holders, pf >= 0.5 " (A) LED Lamps integral type, with PC diffuser suitable LAMP holder (ii) 5 to 8 watts cat III	112.11	Rupees One Hundred Twelve Paise Eleven Only	Nos.	1457.43

Schedule - B

It. No.	Qty. Est. but may be more	Item of work	Tendered Rates		Unit	Total amount according to
			In Figures	In Words		
83	4.00	Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 3 Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminum housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses, with toughened glass with company mark/name engraved or embossed 160 to 270 V, Power Factor more than 0.95, THD < 10 %, CCT 3000 K to 5700K, Uniformity ratio >0.45, Luminaire efficacy > 100 lumens/watt . LED driver efficiency > 85 %.(fittings required LM-79 & LM-80 certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (A) Street Light (IP-65), Surge protection -4KV integral and ,Light must have 440VAC line supply with over-voltage protection. (ii) above 48 to 59 Watts cat III	4248.06	Rupees Four Thousand Two Hundred FortyEight Paise Six Only	Ea	16992.24
84	4.00	providing and erecting Miniature circuit breaker single pole 0.5A to 2A system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark cat III	297.95	Rupees Two Hundred NinetySeven Paise NinetyFive Only	Ea	1191.8
85	18.00	providing and erecting Miniature circuit breaker single pole 6A to 25A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark cat III	123.22	Rupees One Hundred TwentyThree Paise TwentyTwo Only	Ea	2217.96
86	3.00	Providing & erecting 240 V MCB double pole switch for motor & inductive load (C Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity (B) 40 Amp. Cat.III	362.59	Rupees Three Hundred SixtyTwo Paise FiftyNine Only	Ea	1087.77
87	1.00	Providing & erecting 415 V MCB Four Pole for Motor & Inductive Load (C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity (c)63 Amp. Cat III	811.03	Rupees Eight Hundred Eleven Paise Three Only	Ea	811.03

Schedule - B

It. No.	Qty. Est. but may be more	Item of work	Tendered Rates		Unit	Total amount according to
			In Figures	In Words		
88		Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) suitable for				
	1.00	(B) three phase incoming and single phase horizontal type outgoing Per phase isolation type (PPI) (iii)8 way	2445.21	Rupees Two Thousand Four Hundred FortyFive Paise TwentyOne Only	Ea	2445.21
89	3.00	providing and erecting Approved make RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 10 KA and suitable for operation on single phase 240 V,50Hz. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (ii) 40Amps. DP cat III	2458.34	Rupees Two Thousand Four Hundred FiftyEight Paise ThirtyFour Only	Ea	7375.02
90	3.00	Providing and erecting HOT deep Galvanised iron strip/wire 4.064mm to 1.626mm.	77.77	Rupees SeventySeven Paise SeventySeven Only	Kg.	233.31

Schedule - B

It. No.	Qty. Est. but may be more	Item of work	Tendered Rates		Unit	Total amount according to
			In Figures	In Words		
91	1.00	Supplying & erecting in earthpit of minimum bore dia. 225mm size approved make Safe Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 80 mm having 80-200 Micron galvanising, Inner pipe dia of 40 mm having 200-250 Micron galvanising, connection terminal dia of 14 mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover (A)(approved make OEM has to submit test certificate including value of earth resistance of installation duly stamped and signed by agency and officer Incharge has to ensure the value of earthing resistane mentioned in test Certificate) & having back filling compound of (B) Inner chemical (CCM Compound)- Resistivity:- 0.2 ohm / meter testing as per IEC 62561-2017, Voltage drop:- < 1 volt at no load & dry form, Sulphar content:- <2%(C) Back fill Compound :- Earthing compound	5842.85	Rupees Five Thousand Eight Hundred FortyTwo Paise EightyFive Only	Ea	5842.85
92	0.00	Providing and erecting FRLS-XLPE (IS:7098)(I)-88 ISI armoured cable multistrand / Solid Aluminium conductor for 1.1 kV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables				
	50.00	(B) 4 core 6 Sq. mm	151.50	Rupees One Hundred FiftyOne Paise Fifty Only	Mtr	7575
93	8.00	Providing and, fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (b) 2 to 4 core 6 Sq. mm	38.38	Rupees ThirtyEight Paise ThirtyEight Only	Ea	307.04
94		Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner.				

Schedule - B

It. No.	Qty. Est. but may be more	Item of work	Tendered Rates		Unit	Total amount according to
			In Figures	In Words		
	32.00	(A) 1.5/ 2.5/4/6 Sq.mm	6.06	Rupees Six Paise Six Only	Ea	193.92
95	10.00	Providing & erecting Approved make Power Saving 45 - 50 Watt Ceiling Fan with double ball bearing ISI mark with Condenser 230 volt A.C. 50 Hz 1200 mm sweep complete having 3blades with aluminium blades with , canopy & 30 cm. down rod erected with earthing.(Make shall be approved by Engineer in charge))	1948.29	Rupees One Thousand Nine Hundred FourtyEight Paise TwentyNine Only	Ea	19482.9
96	10.00	Supplying and erecting 19 / 20 mm. nominal bore Medium Class M.S. Pipe down rod erected duly painted for fan complete with proper insulation without leakage and earthing.	108.07	Rupees One Hundred Eight Paise Seven Only	Mtr.	1080.7
97	10.00	Supplying & erecting fan hook box of 10 mm M.S. round bar bounded to the RCC bars up to 50mm length each side and pierced through a 16 Gauge M.S. box / Heavy Duty PVC box complete erected concealed in Ceiling with necessary finishing.	108.07	Rupees One Hundred Eight Paise Seven Only	Ea	1080.7
98	10.00	Providing 2.5mm.thick laminated acrylic sheet to cover the fan hook or Fan box.	18.18	Rupees Eighteen Paise Eighteen Only	Ea	181.8
99	3.00	Supplying & erecting approved make low noise decorative exhaust fan having square frame ABS body with inbuilt lowers & square frame. 200mm with 1350RPM Cat.II	1366.53	Rupees One Thousand Three Hundred SixtySix Paise FiftyThree Only	Ea	4099.59
100	4.00	Supplying & erecting approved make SMC press moulded composite FRP. loop-in, loop-out approx. 2mm thick box complete with Bakelite connector strip 5way(3P+N+E),DIN rail for mounting mob & hinged doors as per requirement having locking arrangements with mounting clamp with nuts, bolts & washers suitable for erection on pole with cable clamps& earth bolt of following size of box. (C)150mm x 125mm x 100mm [deep]	476.72	Rupees Four Hundred SeventySix Paise SeventyTwo Only	Ea	1906.88

Schedule - B

It. No.	Qty. Est. but may be more	Item of work	Tendered Rates		Unit	Total amount according to
			In Figures	In Words		
101	4.00	Supplying and erecting Street light pole bracket comprising main B Class MS pipe of 4.2 cm/require outside dia. complete with suitable B Class M.S. sleeve tubing of approx. 45cms.length and suitable for 76.5mm/80mm/require size of pole top having nuts and bolts for fixing the brackets and having spread of 0.5 mtr. Length with 110 deg.with vertical plane and suitable welded stiffener reducer and nipple with check nut complete painted with one coat.of Red oxide / PU base primer and two coats of Aluminium / PU paint. paint with following nos of arms. [A] Single Arm bracket 0.5 Mtr	450.46	Rupees Four Hundred Fifty Paise FourtySix Only	Nos.	1801.84
				Total		8206149.31
Amount in Word : Rupees EightyTwo Lakh Six Thousand One Hundred FourtyNine Paise ThirtyOne Only						

I/We am/are willing to carry out the work @..... % above/below
(Percent should be written in figures and words) The tendered amount mentioned above amount of my /our tender works out as under

Tendered amount Rs.....

Add% above Rs.....

Total Rs.....

In words.....

(Please strike out which ever is not applicable)

Tendered amount Rs.....

Deduct% Below Rs.....

Net Rs.....

In words.....

Note :

- 1 All work shall be carried out as per public works department handbook and other specifications of division or as directed.
- 2 Rates quoted inclusive of clearance of sight (prior to commencement of work and at its close) in all respect and hold good for work under all conditions , sight, moisture, weather etc
- 3 one percent labor cess will be deducted from the valued work done as per ' Bulding and other construction work welfare cess act' G.R. No. GHR - 2005/04/CWA/2004/841/M-3 Dt. 31/01/2005

**Deputy Executive Engineer
R&B (P) Sub-Division, Anjar**

**Executive Engineer
R&B (P) Division, Bhuj**