

**Name of work:-ICDS 2025-26 Construction of Various Anganvadis in Various Villages Of Mandvi Taluka SRT/
MND/ PKG NO. 01 / Total-2 Anganvadis (1) Devgad-4 (2) Bori-2 Ta.Mandvi Di.Surat**

Bill Of Quantities (A)
Percentage Rate Tender

Item No.	Description of Item (with brief Specification and reference to book of specifications)	Quantity	Unit	Rate in Figures	Amount
1	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. (A) Loose or soft soil	147.64	Cum.	122.93	18,149.38
2	Excavation for foundation upto 1.5 m to 3.0 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. (A) Loose or soft soil	25.92	Cum.	136.47	3,537.30
3	Filling available excavated earth (excluding rock in trenches plinth, slides of foundations etc. in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming and watering)	129.86	Cum.	136.91	17,779.14
4	Filling in foundation and plinth with murrum or yellow soil selected soil in layers of 20cm thickness including watering ramming and consolidating etc. complete	24.00	Cum.	301.77	7,242.48
5	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete	18.00	Cum.	481.80	8,672.40
6	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (more than 10 ton)	26.66	Cum.	3923.85	1,04,609.84
7	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 (A) Foundations footing base of columns and the like and mass concrete	17.64	Cum.	4563.18	80,494.50
8	Providing and laying controlled cement concrete M-200 and curing complete including the cost of form work but excluding cost of reinforcement for reinforced concrete work for Column upto plinth level & Ground Floor	8.12	Cum.	8001.22	64,969.90
9	Providing and laying cement concrete M.200 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in All Types of Column D) Column, Pillers, posts and struts, upto Terrace Floor	1.00	Cum.	8042.18	8,042.18
10	Providing and laying controlled cement concrete M.200 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in All Types of Beams,(E) Beam, upto All Floor.	20.72	Cum.	6321.59	1,30,983.34
11	Providing and laying controlled cement concrete M.200 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in All Types of Slab,All Thickness (C) Slab upto Plinth and upto All Floor.	13.04	Cum.	6267.05	81,722.34

Item No.	Description of Item (with brief Specification and reference to book of specifications)	Quantity	Unit	Rate in Figures	Amount
12	Providing and laying controlled cement concrete M.200 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Lintel upto All Floor.	1.60	Cum.	5865.08	9,384.12
13	Providing and laying controlled cement concrete M.200 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Chajja. upto All Floor.	1.80	Cum.	6886.18	12,395.12
14	Providing and fixing TMT bars Fe-500D steel reinforcement for R.C.C. work including binding, bending and placing in position complete upto floor two level ,Ground Floor, First Floor , Second Floor, Third Floor, Terrace Floor (all floor).	7238.18	KG	77.31	5,59,583.70
15	Brick work using common brunt clay building bricks having crushing strength not less than 35 kg/sqcm. in foundation and plinth in cement mortar 1:6 (1 cement :6 fine sand) etc.comp. (B) Conventional Ground floor upto Plinth	20.78	Sqmt	4214.32	87,573.56
16	Brick work using common brunt clay building bricks having crushing strength not less than 35 kg/sqcm. in superstructure above plinth level upto floor two level in cement mortar 1:6 (1 cement :6 fine sand) etc.comp. (B) Conventional Ground Floor	46.42	Cum.	4503.04	2,09,031.12
17	Brick work using common brunt clay building bricks having crushing strength not less than 35 kg/sqcm. in superstructure above plinth level upto floor two level in cement mortar 1:6 (1 cement :6 fine sand) etc.comp. (B) Conventional First Floor	13.82	Cum.	4545.16	62,814.12
18	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 (B) Conventional Ground Floor	10.68	Sqmt	629.83	6,726.58
19	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or Full/half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand) Ground Floor	303.82	Cum.	161.19	48,972.74
20	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or Full/half brick walls for interior plastering and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand) First Floor	60.12	Cum.	185.75	11,167.30
21	Providing & laying 10 mm. thick cement plaster in single coat on fair side of ceilings for interior plastering upto floor two level and finishing with smooth mala plaster.(i) Cement mortar 1:4 (1 cement : 4 sand) Ground Floor	108.90	Sqmt	148.31	16,150.96
22	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. Upto Ground Floor t	301.42	Sqmt	315.68	95,152.26
23	Providing and laying polished Granite Slab 18mm thick in Flooring laid 20mm thick Cement Mortar 1:4 (1-Cement : 4-Coarse Sand) and jointed with Grey Cement Slurry including full molded round front edges , rubbing and polishing etc. complete.	14.40	Sqmt	2190.69	31,545.94

Item No.	Description of Item (with brief Specification and reference to book of specifications)	Quantity	Unit	Rate in Figures	Amount
24	Providing and laying polished Granite Slab 18mm thick in Risers of steps Dedo, window sill, jembs and pillars laid 10 mm thick Cement Mortar 1:4 (1-Cement : 4-Coarse Sand) and jointed with Grey Cement Slurry including full molded round edges , rubbing an	39.16	Sqmt	2159.38	84,561.32
25	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" 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.Soluble Salt PVT. Tiles in All Rooms.	94.10	Sqmt	1120.36	1,05,425.88
26	Providing and laying Vitrified tiles 8 mm thick , 24" x 24" 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 Soluble Salt PVT. Tiles in All Rooms.	48.96	Sqmt	1195.02	58,508.18
27	Providing and fixing flush door both sides laminated and shutter fabricated from 35 mm thick solid core malemine faced three layered pre laminated flat pressed wood based exterior grade bonded BWP/BWR synthetic resin having stamped IS 12823 grade I type II including three coats of lacquer polishing to exposed wooden surfaces and Stainless steel decorative type designs fixtures / fastening 2Nos. Handles, 2Nos. Aldropes, towerbolt etc. as per architectural detailed drawing and as directed by engineer in charge..	15.96	Sqmt	2838.10	45,296.08
28	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 66.00 x 50.00 x 1.50 mm(Wt 1.40 Kg / Rmt), horizontal two track member size Both Side 66.00 x 50.00 x 1.50 mm(Wt 1.40 Kg / Rmt), with sliding shutters of horizontal member size 66.00 mm x 26.00 mm x 1.50mm (wt.of 0.90 Kg/mt), vertical member of size 66.00 mm x 26.00 mm x 1.50mm (wt.of 0.90 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.	8.64	Sqmt	1583.95	13,685.32
29	Providing and fixing standard extruded of aluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section :2434, @ Wt. 0.643 Kg/mt) with colour anodized aluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	5.76	Sqmt	1175.55	6,771.16
30	Providing and fixing M.S. grill of required pattern of windows etc. with M.S.. flats at required spacing and frame around square or round headed bolts and nuts or by screws.including applying a priming coat of red lead paint and two coats of oil painting	570.60	Kg	116.15	66,275.20

Item No.	Description of Item (with brief Specification and reference to book of specifications)	Quantity	Unit	Rate in Figures	Amount
31	Applying two coats of Birla (white cement based) or (acrylic lapy- putty) or equivalent & 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. with Wall painting (three coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	423.88	Sqmt	40.59	17,205.28
32	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface,Ceiling surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	423.88	Sqmt	84.36	35,758.52
33	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. Priming: Apply a liberal coat of exterior acrylic primer and allow it to dry for 4-5 hours. Application of putty is not recommended. Minimum 4-6 hours duration is required between each coat of weather shield max paint	301.42	Sqmt	120.26	36,248.76
34	Wall painting cartoon types,ABCD,123,Animal photos,Vegitables & fruit paiting with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	48.00	Sqmt	1161.50	55,752.00
35	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc. consisting of following operations. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound comforming to IS:2645 over the R.C.C. slab including cleaning the surface before tratment. (b) Laying cement concrete using broken bricks/brick bats 25 mm to 100 mm size with 50% of cement mortar 1:5 (1 Cement : 5 Coarse sand) admixed with proprietary water proofing compound conforming to IS:2645 ,brick bats is finally covered by jointless cement plaster 20mm th. in C.M. 1:4 added with special water proofing compound confirming to IS:2645 & top smooth finished with trowel with false chequered marking of 300 mm.size.The treatment is carried along the vertical surface of the parapet & other adjoining wall up to height of about 300 mm in a shape of quarter round vata Incl. curing etc. Comp. With average thickness of 120 mm and minimum thickness at khurra as 65 mm.'(c) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be down in order and as	108.90	Sqmt	880.72	95,910.40

Item No.	Description of Item (with brief Specification and reference to book of specifications)	Quantity	Unit	Rate in Figures	Amount
36	Providing and fixing Stainless Steel railing having 50 mm dia hollow stainless steel pipe as hand rail and 32 mm dia hollow stainless steel pipe with combination of 10 cm long 16mm dia pipe as per vertical supports 20 mm dia hollow stainless steel pipes H	10.00	RMT	3333.50	33,335.00
37	Providing and constructing sandwich type Granite stone top & bottom Kota Stone platform 0.6 mt. wide & 0.75 mt. height, including front granite stone patti of 10 cm wide, vertical partitions of Kota stone with cement Mortar(1:1) as required comp as per instruction given by site in charge at all floors.	5.00	RMT	3589.54	17,947.70
38	Providing and fixing Child Friendly wash 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) including Providing and fixing plastic seat and cover for wash down water closer with C.P. brass hinges and rubber buffers. (A) vitreous China Pattern :(i) in white colour	2.00	Nos	1648.15	3,296.30
39	Providing and fixing Child Friendly washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the Providing and fixing C.P. brass waste for washbasin or sink. (A) 32mm dia., Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (i) 15mm dia., Providing and fixing brass screw down stop tap.(A) 15mm dia.(A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour.	2.00	Nos	2165.90	4,331.80
40	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 plug with C.P. brass screws and washers.	2.00	Nos	859.41	1,718.82
41	Providing and fixing Kitchen sink with C.I. or M.S. brackets, painted white including cutting holes in walls and making good the same (C) S.S. & Sink.(i) 600mm x 450mm x 150mm size with Providing and fixing C.P. brass waste for washbasin or sink. (A) 3	2.00	Nos	3204.92	6,409.84
42	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I. spread down or hinged grating including the cost of cutting and making good the walls.	6.00	Nos	599.63	3,597.78
43	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (i) 15mm dia.	8.00	Nos	186.83	1,494.64
44	Providing and fixing Gun metal check or non-return fullway wheel valve. 25mm. dia.	4.00	Nos	420.63	1,682.52
45	Providing and fixing chromium plated brass half turn flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.	2.00	Nos	263.77	527.54
46	Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (A) 25mm. dia.	2.00	Nos	132.89	265.78

Item No.	Description of Item (with brief Specification and reference to book of specifications)	Quantity	Unit	Rate in Figures	Amount
47	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings 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 concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	28.00	RMT	72.65	2,034.20
48	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings 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 concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	28.00	RMT	91.84	2,571.52
49	Providing, laying and jointing in true line and level 110 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 110 mm diameter x 149 mm length x 145 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.	48.00	RMT	878.56	42,170.88
50	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	4.00	Nos	1246.92	4,987.68
51	Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating wih frame complete.	4.00	Nos	2017.19	8,068.76
52	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg/Cm2 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.	4.00	Nos	2932.93	11,731.72
53	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete. (B) 150 mm d	20.00	RMT	257.19	5,143.80
54	Providing & fixing G.I. Rain water spout of 50 mm.dia & 30 cm length etc.	2.00	Nos	101.90	203.80

Item No.	Description of Item (with brief Specification and reference to book of specifications)	Quantity	Unit	Rate in Figures	Amount
55	Providing and fixing in position cowel went to pipes.(C) 100mm dia	4.00	Nos	505.17	2,020.68
56	Providing erecting and fixing double coated PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	2000.00	Litr	3.94	7,880.00
57	'Providing & Supplying of High-quality virgin plastic build Table size LxBxH (1.50 x 0.75 x 0.75) As per attached drawing & instructed by in charge Consultant. 52-Inch Kids Half Moon Plastic Table is a durable and spacious table designed with adjustable height legs for children. Its unique half-moon shape provides ample space for group activities, crafts, or learning. Made from sturdy plastic, it is easy to clean and maintain, making it ideal for classrooms, playrooms, or home use. Table of Standard make (Nilkamal, Cello etc. or equivalent).	2.00	Nos	6565.00	13,130.00
58	'Providing and Supplying of Fancy CHAIRS of pvc base and armrest, as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge Product Type Kids School Chair,Back Type:Mid Back,Material:Plastic,Color:Red, Yellow, Blue. Min Size14x17x12 inch Chair of Standard make (Nilkamal, Cello etc. or equivalent).	4.00	Nos	939.30	3,757.20
59	Providing & Fixing Kitchen Storage Cabinetwith 5 self , 2 nos door 19 mm plywood with 4 mm glass panel door,Storage self made with 12mm thick water proof plywood of ISO 710, door sides border of 20 mm thick in teak wood, All outer surfaces are to be laminated with 1.5 mm laminate and internal laminated with 0.80mm laminate sheet as approved by architect. Including all necessary hardware & fittings such as screw, buffer, bonding material etc.all work must be done As per Architect Drawing & Instructed By Site Engineer	7.50	Sqmt	2807.80	21,058.50
60	Providing & Fixing 32-inch LED SMART TV is an ideal, compact entertainment unit for bedrooms, kitchens, or small living spaces. Standard models feature HD Ready resolution (1366 × 768), a 60Hz refresh rate, 16W to 20W speakers with Dolby Audio, and built-in smart capabilities all work must be done As per Architect Drawing & Instructed By Site Engineer	2.00	Nos	16665.00	33,330.00
61	Providing & Fixing RO SYSYEM Capacity/Flow: Features a high 20 LPH purification speed with a 12-litre storage tank, making it highly efficient for continuous water requirements. Health Enhancements: Multi-stage RO+UV+Copper+Zinc+Alkaline pH B12 technology that restores essential active minerals and balances pH levels. all work must be done As per Architect Drawing & Instructed By Site Engineer.	2.00	Nos	15150.00	30,300.00

Item No.	Description of Item (with brief Specification and reference to book of specifications)	Quantity	Unit	Rate in Figures	Amount
62	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.(c) with oval conduit /PVC casing capping double lock type erected flushed on wall/ceiling complete Cat. III	18.00	Pt.	488.84	8,799.12
63	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. (c) with oval conduit /PVC casing capping double lock type erected flushed on wall/ceiling complete	8.00	Pt.	715.08	5,720.64
64	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	6.00	Pt.	309.06	1,854.36
65	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.(1)One No. SP 6 Amp.Cat.III	6.00	Nos	151.50	909.00
66	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. (2) One No 5 pin plug.Cat.III	6.00	Nos	151.50	909.00
67	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. (9) 16 Amp. SP one way switch .Cat.III	2.00	Nos	180.79	361.58
68	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. (10) 6/16Amp. Universal socket .Cat.III	2.00	Nos	199.98	399.96

Item No.	Description of Item (with brief Specification and reference to book of specifications)	Quantity	Unit	Rate in Figures	Amount
69	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 (C) With oval conduit /PVC casing capping double lock type (b) 2 wire 2.5 sq. mm	144.00	Mt.	104.03	14,980.32
70	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 (C) with oval conduit /PVC casing capping double lock type (a) 2 wire 4 sq. mm	48.00	Mt.	120.19	5,769.12
71	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 (C) with oval conduit /PVC casing capping double lock type (b) 2 wire 6 sq. mm	40.00	Mt.	170.69	6,827.60
72	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	2.00	Nos	1133.22	2,266.44
73	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 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 (iv) 22-24 Watts, Surge - 2KV,IP-20, conventional 4 feet Cat.III	14.00	Nos	373.70	5,231.80
74	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	4.00	Nos	112.11	448.44

Item No.	Description of Item (with brief Specification and reference to book of specifications)	Quantity	Unit	Rate in Figures	Amount
75	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	16.00	Nos	123.22	1,971.52
76	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	4.00	Nos	362.59	1,450.36
77	Sheets steel powder coated enclosure suitable for incorporating One/Two nos. MCB.	2.00	Nos	176.75	353.50
78	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 (A) single phase incoming and horizontal single phase outgoing (b) sheet steel double door (IP-43) (iv)12 way	2.00	Nos	1492.78	2,985.56
79	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	2.00	Nos	2458.34	4,916.68
80	Providing and erecting Pipe type earthing having 150 cms.long and 2.5 cms. dia. galvanised iron pipe with coupling and buch buried in specially prepared earth pit complete with necessary 8 SWG earth wire.	2.00	Nos	368.65	737.30
81	Providing and erecting Pipe type earthing having 150 cms.long and 2.5 cms. dia. galvanised iron pipe with coupling and buch buried in specially prepared earth pit complete with necessary 8 SWG earth wire For using salt and charcoal / coke as required for pipe type earthing.	2.00	Nos	171.70	343.40
82	Providing and erecting Approved make Ceiling fan with double ball bearing ISI mark with condenser A.C. 230V.50 Hz.1200 mm. sweep complete, canopy erected on existing hook or clamp with earthing. [Make shall be approved by Engineer in charge]	8.00	Nos	1596.81	12,774.48
83	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.	8.00	Mt.	108.07	864.56

Item No.	Description of Item (with brief Specification and reference to book of specifications)	Quantity	Unit	Rate in Figures	Amount
84	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.	8.00	Nos	108.07	864.56
					26,42,834.18

Rs. Twenty Six Lack Fourty Two Thousand Eight Hundred Thirty Four and Paise Eighteen Only.

**Deputy Executive Engineer
Panchayat (R&B) Sub-Division
Mandvi**

I/We am/are willing to carry out the work at% above/below (percent should be written in figures and words) of the estimated rates mentioned above. Amount of my/our tender works out as under.

*Estimated amount

Put To Tender Rs.....2642834.18

Deduct % below Rs.....

Net Rs.

In words

*Estimated amount

Put To Tender Rs.....2642834.18

Add % Above Rs.....

Total Rs.

In words

- 1 The Contractor shall exhibition board with detailed specification and details of works directed by the Engineer – In – Charge for which no extra payment shall be made.
- 2 The labourcess will be deducted as per prevailing rules i.e. 1% of the work done.
- 3 GST and Income tax TDS will be deducted at a source while making payments of bills.
- 4 In all R.C.C. Items in Rate Analysis Standard Cement Consumption has been taken as per Govt G.R.: PRC-10/2017 Cement Consumption/16/C Date: 11/05/2017 as stated in S.O.R. therefore in R.C.C. items where the reisa change as per actual mix design the cost of difference of cement consumption have been deducted from the rate of original item at the rate of input rate mentioned in all the tender.

Signature of the contractor
કોન્ટ્રાક્ટરની સહી

**Executive Engineer
Panchayat (R&B) Division
Surat**