

Name of Work :- Construction of Anganvadi - Nandghar (Frame structure) at Various Village of Savarkundla Taluka Dist. Amreli (Package AMR/Anganvadi/Pac-03) (Thoradi-260, Krushnagadh -244, Ghanshyamnagar-264)

### Bill of Quantities

Memorandum showing items of works to be carried out

Item No.	Quanties Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantieis.
				In Figure Rs. Ps	In Words.		
1	119.100	Cum	Excavation for foundation upto 1.50 M.depth including sorting out & stacking of useful materials i.e. disposing the excavated stuff up to all lead (a)Dense or Hard soil.	157.16	Rupees One Hundred Fifty Seven and Paise Sixteen only	One Cubic metre	18717.75
2	73.200	Cum	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto all lead.(C) Hard Murrum.	268.92	Rupees Two Hundred Sixty Eight and Paise Ninety Two only	One Cubic metre	19684.94
3	38.100	Cum	Providing and laying cement concrete 1:4:8 (1 cement, 4sand,8 Crushed stone aggregates 40 mm.Nominal size)and curing complete, excluding cost of formwork in(a) Foundation and Plinth.	2927.46	Rupees Two Thousand Nine Hundred Twenty Seven and Paise Forty Six only	One Cubic metre	111536.22
4	84.900	Cum	Brickwork using common burnt clay building brick shaving crushing strength not less than 35 Kg/Sqcm. in foundation and plinth in cement mortar 1:6(1 Cement ; 6 Fine sand) Conventional bricks.	4214.33	Rupees Four Thousand Two Hundred Fourteen and Paise Thirty Three only	One Cubic metre	357796.61
5	17.100	Cum	Providing and laying ordinary cement concrete1:1:2 (1cement,1sand, 2 gradedstone aggregates 20 mm.Nominal size) and finishing smooth with curing etc. complete excluding cost of form work and reinforcement for reinforced cement concrete work in in A) Foundations, footings, base of columns and mass concrete	7193.40	Rupees Seven Thousand One Hundred Ninety Three and Paise Forty only	One Cubic metre	123007.14

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
6	117.000	Cum	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete.	301.78	Rupees Three Hundred One and Paise Seventy Eight only	One Cubic metre	35308.26
7	30.300	Cum	Brickwork using common burnt clay building brick shaving crushing strength not less than 35 Kg/Sqcm. in super structure for all floors. in cement mortar 1:6(1 Cement ;6 Fine sand)	4496.05	Rupees Four Thousand Four Hundred Ninety Six and Paise Five only	One Cubic metre	136230.31
8	69.000	Sqm	Half brick masonry in comon burnt clay building bricks having crushing strength not less than 35Kg./Sq.Cm. in cement mortar 1:3 (1 Cement : 3 coarse sand) with 2 nos of 6mm mild steel round bars after every three course embedded in cement mortar in foundation and plinth.Conventional	746.03	Rupees Seven Hundred Forty Six and Paise Three only	One Squere metre	51476.07
9	6.600	Cum	Providing and laying ordinary cement concrete1:1.5:3 (1cement, 1.5sand, 3 graded stone aggregates 20 mm .Nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement of R.C.C. work in Column (iii) Having cross-sectional area more than 0.085 Sq.M. and up to 0.18Sq.M	10839.25	Rupees Ten Thousand Eight Hundred Thirty Nine and Paise Twenty Five only	One Cubic metre	71539.05
10	0.900	Cum	Providing & laying ordinary C.C. 1:1 1/2:3 ( 1 cement ,1 1/2 course sand, 3 graded stone agg. of 20 mm nominal size )and for R.C.C. LINTELS incl. Finishing smooth with curring of formwork but excl. the cost of reinforcement.for above floor upto Floor ALL level.	8888.17	Rupees Eight Thousand Eight Hundred Eighty Eight and Paise Seventeen only	One Cubic metre	7999.35

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
11	0.600	Cum	Providing and laying cement concrete 1:1.5:3 (1 cement, 1.5 sand, 3 graded stone aggregates 20 mm. Nominal size) and curing complete, including cost of formwork in sill and sides (R.C.C. band) but excluding the cost of reinforcement upto floor all level	7207.30	Rupees Seven Thousand Two Hundred Seven and Paise Thirty only	One Cubic metre	4324.38
12	2.100	Cum	Providing & laying cement concrete 1:11/2:3 (1 cement, 1 1/2 course sand, 3 graded stone agg. of 20 mm nominal size) for reinforcement concrete CHHAJJAS not exceeding 10cm. thickness upto floor two level incl. finishing the exposed surface with C.M. 1:3 (1 cement, 3 fine sand) to give a smooth and even surface, centering, formwork and curing comp. Excl. the cost of reinforcement. above plinth Upto floor all level.	7063.33	Rupees Seven Thousand Sixty Three and Paise Thirty Three only	One Cubic metre	14832.99
13	22.500	Cum	Providing & laying C.C. 1:1/2:3 (1 cement, 1/2 course sand, 3 graded stone agg. of 20 mm nominal size) and finishing smooth with curing etc. comp. incl. the cost of formwork but excl. the cost of reinforcement for R.C.C. work in. (A) Beam :- Having cross sectional Area 0.085 to 0.12 Sqm. upto floor all level	8035.64	Rupees Eight Thousand Thirty Five and Paise Sixty Four only	One Cubic metre	180801.90
14	23.400	Cum	Providing & laying ordinary cement concrete 1:11/2:3 (1 cement, 1 1/2 course sand, 3 graded stone agg. of 20 mm nominal size) exposed work with curing etc. comp. incl. the cost of formwork but excluding the cost of reinforcement for R.C.C. work in. SLAB :- having more than 10cm. and end upto 13cm. thickness. upto floor all level	7258.19	Rupees Seven Thousand Two Hundred Fifty Eight and Paise Nineteen only	One Cubic metre	169841.64

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
15	7056.000	Kg	Providing TMT Bar FE 500/500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor all level	77.29	Rupees Seventy Seven and Paise Twenty Eight only	One Kilogram	545358.24
16	43.200	Sqm	Providing fixing of Polished Marble Colour or Black frame for Doors & Windows, Platform including necessary holdfasts, holes for fixtures and fastenings incl. all labour & materials etc. comp	3205.70	Rupees Three Thousand Two Hundred Five and Paise Seventy only	One Square metre	138486.24
17	6.900	Sqm	Providing and fixing 35mm. Thick Panelled, glazed or Panelled and glazed shutters for doors, windows and clear story windows including anodised aluminium butt hinges with necessary screws and Indian Teak Wood shutters with-(B) Partical board panells. 12mm. thick including applying primer and two coats of oil painting etc. complete	3933.51	Rupees Three Thousand Nine Hundred Thirty Three and Paise Fifty One only	One Square metre	27141.21

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
18	4.800	Sqm	Providing and fixing 30mm thick FACTORY MADE SOLID BOTH SIDE PRELAM PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, top and bottom rails. M.S. frame shall have a coat of steel primer of approved make and manufactures. M.S frame covered with 5mm thick heat moulded prelam PVC 'C' channel of size 30mm thickness, 70 mm width of which 50mm shall be flat and 20mm shall be tapered in 45 degree Angle on either side forming stiles, and 5mm thick, 95mm wide prelam PVC sheet out of which 75mm shall be flat and 20mm shall be tapered in 45 degree on the inner side of top and bottom rail and 115mm wide prelam PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on both side to form lock rail, Top, bottom and lock rails shall be provided either side of the panel. 10mm (5mm x 2) thick 20mm wide cross PVC sheet shall be provided as gap insert for top rail and bottom rails. Panelling of 5mm thick both side prelam PVC sheet to be fitted in the M.S. frame welded, sealed to the stiles and rails with 7mm (5mm + 2 mm) thick x 15mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' channel using PVC solvent adhesive etc. complete as per direction of Engineering in charge, manufacturer's specification and drawing.	2236.14	Rupees Two Thousand Two Hundred Thirty Six and Paise Fourteen only	One Square metre	10733.47
19	312.000	Sqm	20mm thick sand faced cement plaster on wall up to height 10meters 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	342.41	Rupees Three Hundred Forty Two and Paise Forty One only	One Square metre	106831.92
20	477.000	Sqm	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor all level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)	145.65	Rupees One Hundred Forty Five and Paise Sixty Five only	One Square metre	69475.05

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
21	122.400	Sqm	Providing and laying 24" x 24" vitrified 8MM thick tile flooring over 20MM (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 colour cement slurry including finished with flush pointing and cleaning the surface etc. complete. For Light shade	1264.41	Rupees One Thousand Two Hundred Sixty Four and Paise Forty One only	One Square metre	154763.78
22	15.300	Sqm	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 (1cement : 3-coarse sand ) finishing with flush pointing in white cement	992.15	Rupees Nine Hundred Ninety Two and Paise Fifteen only	One Square metre	15179.89
23	116.700	Sqm	Providing and laying Ceramic tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3coarse sand) and jointed with white cement slurry	1023.89	Rupees One Thousand Twenty Three and Paise Eighty Nine only	One Square metre	119487.96
24	428.400	Sqm	Applying two coats of Birla or Asian acrylic lapy ( 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	Rupees Forty and Paise Fifty Nine only	One Square metre	17388.75
25	342.300	Sqm	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	Rupees One Hundred Twenty and Paise Twenty Six only	One Square metre	41164.99

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
26	429.000	Sqm	Distempering (Two coats) with oil bound distemper of approved brand and manufacture and of required shade on wall surface to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and papered smooth	75.68	Rupees Seventy Five and Paise Sixty Eight only	One Square metre	32466.72
27	3.000	No	Providing and fixing C.I. Manhole cover 0.60 M. x 0.45M. Size having weight not less than 35Kg.	958.17	Rupees Nine Hundred Fifty Eight and Paise Seventeen only	One Number	2874.51
28	3.000	No	Providing and fixing water closet squatting pan (Indian type W.C.Pan) size 580 mm. incl. 100mm. Size P trap & Foot rest(Earthwork, bed concrete,foot rests and trap to be measured and paid for separately) (A) Vitreous china (I) Long pattern white colour.	1436.33	Rupees One Thousand Four Hundred Thirty Six and Paise Thirty Three only	One Number	4308.99
29	3.000	No	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 screed down or hinged grating including the cost of cutting and making good the walls.	586.27	Rupees Five Hundred Eighty Six and Paise Twenty Seven only	One Number	1758.81
30	9.000	Rm	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(C) 100 mm. Dia.	892.39	Rupees Eight Hundred Ninety Two and Paise Thirty Nine only	One Running metre	8031.51
31	3.000	No	Providing and fixing in position cowl vent to pipes(C) 100 mm. Dia.	505.17	Rupees Five Hundred Five and Paise Seventeen only	One Number	1515.51

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
32	6.000	No	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. (A) 100mm x 100mm size P type.	1292.19	Rupees One Thousand Two Hundred Ninety Two and Paise Nineteen only	One Number	7753.14
33	3.000	No	Constructing brick masonry road gully chamber 450mm x 450mm x 775mm with vertical grating complete With C.I. Manhole Cover 450x600 mm size	3504.02	Rupees Three Thousand Five Hundred Four and Paise Two only	One Number	10512.06
34	3.000	No	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including sutting holes and making good (A) Vitreous China:(ii) Flat Back washbasin 550 mm x 400mm size. (i) In white colour. with CP brass couplin, padastal matching the shade, waste pipe,rubber pipe etc complete	2380.56	Rupees Two Thousand Three Hundred Eighty and Paise Fifty Six only	One Number	7141.68
35	63.000	Rm	Providing, laying and jointing in true line and level 110 diametre 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 diametre 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.	876.90	Rupees Eight Hundred Seventy Six and Paise Ninety only	One Running metre	55244.70



Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
36	15.000	Rm	Providing laying and jointing in true line and level 160 mm dia. U.P.V.C. SWR Type B pipe conforming to IS 13592-1992 with one end plain and other end socketed with rubbering & fitting 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 the wall using of PVC clamp of the size 110 mm dia X 149 mm length X 145 mm high at every 2000 mm center to center or shall be concealed in wall as directed including necessary fittings such as bends, shoes etc. including testing of pipe and joints and jointed with adhesive solvent cement, including cost of all materials.	834.38	Rupees Eight Hundred Thirty Four and Paise Thirty Eight only	One Running metre	12515.70
37	30.000	Rm	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [D] 32mm.	338.24	Rupees Three Hundred Thirty Eight and Paise Twenty Four only	One Running metre	10147.20
38	60.000	Rm	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [B] 20mm.	208.80	Rupees Two Hundred Eight and Paise Eighty only	One Running metre	12528.00

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
39	9.000	No	Proving and fixing screw down bib taps of following size.(A) Brass screw downbib tap polished bright. (I) 15 mm. Dia.	186.83	Rupees One Hundred Eighty Six and Paise Eighty Three only	One Number	1681.47
40	3.000	No	Proving sock pit of 5.0 Cumt. Volume including excavating and filling brick bats with dry masonry work at top for 45 cm. Height including covering the top with stone including providing vatas in c.m. 1;3 with finishing,curing etc. complete as directed.	3457.27	Rupees Three Thousand Four Hundred Fifty Seven and Paise Twenty Seven only	One Number	10371.81
41	3000.000	Lit	Providing and Fixing double coated Syntex or Equivalent PVC ( ISI) mark water tank of required capacity each with all necessary fittings and connection etc. comp on terrace or as directed by Engineer - in- charge.	3.95	Rupees Three and Paise Ninety Five only	One Litre	11850.00
42	3.000	No	Providing & Constructing filter Chamber of size 1.76 x 1.21 x 1.20 mt. Including connecting rain water pipes as per detail drawing or as directed by engineer incharge.	10576.72	Rupees Ten Thousand Five Hundred Seventy Six and Paise Seventy Two only	One Number	31730.16
43	3.000	No	Providing and Constructing Percolation Sockwell of 1.54 mt internal clear diameter and 3.50 Mt depth including brick masonry in C.M 1:6.,R.C.C. Top slab of 10 cm thick.filling with gravel etc.complete as per detail drawing or as directed by engineer in charge.	20693.89	Rupees Twenty Thousand Six Hundred Ninety Three and Paise Eighty Nine only	One Number	62081.67

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
44	153.000	Sqm	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	Rupees Seven Hundred Seventy Nine and Paise Seventy only	One Squere metre	119294.10
45	19.500	Sqm	Pro. /Fix. with windows with 40x40x5mm. Iron angle & frame 30x30x4 mm size in Double Shutter with B.G. 20 Gauge Sheet plates with , Hold fasts ,Iron hinges handles,stopper ,and locking arrangement etc. comp. Steel welded is built up section cutting hoisiting , finishing in two coats of oil painting over coat of primer coat etc. comp.	3930.67	Rupees Three Thousand Nine Hundred Thirty and Paise Sixty Seven only	One Squere metre	76648.06
46	3.000	No	Providing, Painting, Lettering " Nandghar" Logo board as per design specified and providing two Direction side of the Building photograph copies -4 of each in postcard size of the completed work as directed 23cm.x45cm.	2020.00	Rupees Two Thousand Twenty and Paise Zero only	One Number	6060.00
47	3.000	No	Providing, Painting, Lettering, of Soft-boards, blackboards, Storage areas as per drawing including all material & taxes etc. complete as per direction of Engineer in charge	20200.00	Rupees Twenty Thousand Two Hundred and Paise Zero only	One Number	60600.00
48	3.000	No	Providing, Painting, Lettering Mic. Play / Activities and out door installations & Notice Board as per drawing including all material & taxes etc. complete as per direction of Engineer in charge	6060.00	Rupees Six Thousand Sixty and Paise Zero only	One Number	18180.00

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
49	384.000	Kg	Providing and fixing M.S. Grills of required pattern to frames of Pipe / Angles etc.including Priming coat of approved primer and Two coats of Oil painting etc. complete (A) Plain Grill grill	172.41	Rupees One Hundred Seventy Two and Paise Forty One only	One Kilogram	66205.44
50	30.000	Point	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- II	465.61	Rupees Four Hundred Sixty Five and Paise Sixty One only	One Point	13968.30

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
51	9.000	Point	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 completeCat- II	654.48	Rupees Six Hundred Fifty Four and Paise Forty Eight only	One Point	5890.32
52	6.000	Point	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- II	236.34	Rupees Two Hundred Thirty Six and Paise Thirty Four only	One Point	1418.04

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
53	6.000	Point	Point wiring for Individual Plug with & 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 complete with Modular type switch & 5 pin Plug erected on PVC / Metallic/Wooden box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories. [I] For 6A Plug and 6 a switch with 2-1.5 sq.mm Cu. Wire from nearby switchboard/mcb db board (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete - Cat_II	493.89	Rupees Four Hundred Ninety Three and Paise Eighty Nine only	One Point	2963.34

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
54	24.000	No	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 (iii) 18-20 Watts, Surge - 2KV,IP-20, conventional 4 feet cat-II	238.36	Rupees Two Hundred Thirty Eight and Paise Thirty Six only	One Number	5720.64
55	3.000	No	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-II	91.91	Rupees Ninety One and Paise Ninety One only	One Number	275.73
56	3.000	No	Providing & erecting 240 V MCB double pole switch for lighting Load (B Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity (A) 6 to 32 Amp. - Cat-III	278.76	Rupees Two Hundred Seventy Eight and Paise Seventy Six only	One Number	836.28

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
57	3.000	No	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	1492.78	Rupees One Thousand Four Hundred Ninety Two and Paise Seventy Eight only	One Number	4478.34
58	6.000	No	Providing and erecting Approved make Ceiling fan with double ball bearing ISI mark with condenser A.C. 230V.50 c/s.1200 mm. sweep complete, canopy erected on existing hook or clamp with earthing.	1596.81	Rupees One Thousand Five Hundred Ninety Six and Paise Eighty One only	One Number	9580.86
59	6.000	No	Providing and Erecting following Shock Proof Tissino Type accessories erected on 3 mm thick PC (Polycarbonate) Sheet in PVC / Metal Box erected on Wall / Ceiling. (14) Electronic Hum Free EME Socket Type Step Fan Regulator.	219.17	Rupees Two Hundred Nineteen and Paise Seventeen only	One Number	1315.02
60	3.000	No	Supplying Erecting Aproved make Bracket Fan of ISI Mark with 230 Volt A.C., 50 Cy/S 400/450 mm Sweep complete on Wall or With lead cores and connections complete. (Make shall be Approved by Engineer in Charge)Category II.	2105.85	Rupees Two Thousand One Hundred Five and Paise Eighty Five only	One Number	6317.55



Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
61	3.000	No	Providing and erecting Pipe type earthing with 40 mm dia 2.5 mtr long 'B' grade G.I. pipe with necessary coupling buch buried in specially prepared earth pit & G.I. earth wire of 8 SWG erected & connected as directed. For using salt and charcoal / coke as required for pipe type earthing.	994.85	Rupees Nine Hundred Ninety Four and Paise Eighty Five only	One Number	2984.55
62	105.000	Rm	Mains with 1.1 KV FRLS PVC insulated ISI Marked Standard 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 Standered wire of Green Colour for Earth continuity of following size. (A) With Medium Class Rigid PVC Pipe and Accessories. (a) 2 wire 1.5 Sq.mm.	62.62	Rupees Sixty Two and Paise Sixty Two only	One Running metre	6575.10
63	3.000	No	Supplying & erecting approved make self-priming domestic monoblock water pump with 0.5 H.P. motor, suitable for operation on 230 volts 50 c/s. AC supply with metallic flange, delivery and discharge of 32 LPM at 10 mtrs.head. Cat. II	4819.72	Rupees Four Thousand Eight Hundred Nineteen and Paise Seventy Two only	One Number	14459.16
64	3.000	No	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	Rupees Eight Hundred Fifty Nine and Paise Forty One only	One Number	2578.23

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
65	90.000	Sqm	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 guidelines of IRC : SP 63-2018 etc. Complete	706.93	Rupees Seven Hundred Six and Paise Ninety Three only	One Square metre	63623.70
66	3.000	No	Supplying and Fixing 32 Inch & Display Resolution 1280 x 720 L.E.D. TV complete as per direction of Engineer in charge (Product Id. 5116877-42423941485)	10100.00	Rupees Ten Thousand One Hundred and Paise Zero only	One Number	30300.00
67	3.000	No	Supplying and Fixing Storage Type Water Cooler With Storage Capacity 15 Liter complete as per direction of Engineer in charge (Product Id. 5116877-67816859218)	15150.00	Rupees Fifteen Thousand One Hundred Fifty and Paise Zero only	One Number	45450.00
68	3.000	No	Providing and Fixing SS 304 Foldable Checking bed having size 1.50 X 0.60 X 0.75 mm including using of 25mm dia pipe, SS 2mm thick, matter of 25.4 (1") of 40 density, cover with regine cloth of approved quality etc completed as directed by Engineer incharge.	6060.00	Rupees Six Thousand Sixty and Paise Zero only	One Number	18180.00
69	3.000	No	Providing and Placing IT wood writing table having size 1.50 X 0.75 X 0.75 mt with one side drawer with using of 19mm thick WP wood, top cover with 1 mm thick wood type Formica including using of all necessary material & labour etc completed as directed by Engineer incharge	15150.00	Rupees Fifteen Thousand One Hundred Fifty and Paise Zero only	One Number	45450.00

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
70	20.250	Rm	Providing and fixing Fabric cloth Curtain having length 1.8 mtr for covering of checking area including using of alluminum sliding channel etc complete as directed by Engineer incharge	858.50	Rupees Eight Hundred Fifty Eight and Paise Fifty only	One Running metre	17384.62
71	60.000	No	Providing and Fixing of SS 304 Hanger for bag including using all necessary materials like SS rail, screw etc completed as directed by Engineer Incharge.	252.50	Rupees Two Hundred Fifty Two and Paise Fifty only	One Number	15150.00
72	3.000	No	Providing and Fixing pin cushion display board having size 1.20 X 0.75 mt including using of alluminum section frame, 18mm thick WB plywood, nevy blue Cushion cloth pin etc completed as directed by Engineer Incharge.	606.00	Rupees Six Hundred Six and Paise Zero only	One Number	1818.00
73	6.960	Sqm	Providing and fixing PVC modular kitchen cabinet consisting of base and wall units, made from high quality rigid PVC boards (minimum 15-18 mm thick), including shutters, shelves, drawers, SS hinges, telescopic channels, handles, magnetic locks, necessary fittings, cutting, fixing, complete as per design and direction of Engineer Incharge.	7575.00	Rupees Seven Thousand Five Hundred Seventy Five and Paise Zero only	One Squere metre	52722.00
74	145.800	Kg	Providing and fixing foldable MS ladder having 0.90mt wide & 3.60mt long including rod hinge arrangement at middle with ladder including one coat of red oxide & two coats of oil paint etc completed as directed by Engineer incharge.	110.77	Rupees One Hundred Ten and Paise Seventy Seven only	One Kilogram	16150.26

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		
75	3.000	No	Providing and fixing of hook of 10mm or 12mm dia including drilling hole, fixing of male- female thrade fastner sealing the same with appoxy compound, finishing the same etc complete as directed by Engineer Incharge.	303.00	Rupees Three Hundred Three and Paise Zero only	One Number	909.00
76	3.000	No	Providing and fixing medical device & equipment standio meter height measuring scale 2.10mt long including fixing in wall with using of all heavy SS screw, rail etc complete as directed by Engineer incharge.	1414.00	Rupees One Thousand Four Hundred Fourteen and Paise Zero only	One Number	4242.00
77	6.000	No	Providing and supplying standard PVC (Polyvinyl chloride) Chair with handle of approved design and make as directed by Engineer incharge.	1010.00	Rupees One Thousand Ten and Paise Zero only	One Number	6060.00
78	6.000	No	Providing and supplying standard PVC (Polyvinyl chloride) Chair with handle of approved design and make as directed by Engineer incharge.	606.00	Rupees Six Hundred Six and Paise Zero only	One Number	3636.00
79	3.000	No	Providing & fixing ABC type fire extinguisher 4 kg ISI marked complete	1515.00	Rupees One Thousand Five Hundred Fifteen and Paise Zero only	One Number	4545.00
			<b>Dismantled Material Credit Rs. 0 will be deducted from 1 St R.A. Bill</b>				
Rupees Thirty Five Lakh Eighty Five Thousand Five Hundred Ninety One and Paise Thirty Nine only						Total Rs.	3585591.39

I \ We am \ are willing to carry out the work at ..... % above\bellow percent ( Should be written in figures and words ) of the estimated rate mentioned above. Amount of My \ Our tender works put as under.

\* Estimated Amount

\* Estimated Amount

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantities.
				In Figure Rs. Ps	In Words.		

Put to tender **Rs**.....Put to tender **Rs**.....

Deduct.....%

Add.....%

Net **Rs**.....Total **Rs**.....

In words.....

In words.....

- 1.The Contractor shall exhibit a board with detailed specification and details of work as directed by the Engineer-In-Charge for which no extra payment shall be made.
- 2.The labour cess 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 there is a 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 Contractor

Deputy Executive Engineer  
Panchayat R.& B. Sub Division  
Savarkundla

Executive Engineer  
( D P ) Road & Building Division  
Amreli