

Project Implementation Unit

Name of Work: New Construction of PHC Buildings with PM Room,Garrage,Compound wall,Electricity and Furniture at BhungadiyaTa.:Kapadwanj Dist.: Kheda.. (Budget 2026-27,ID.:9207)

Schedule-B

I. No	Item code, NBO No.	Quantites estimated but may be more or less	Item Description	Unit	Rate in Figure With 1% L.C. SOR 2023-24	Rate in Wards	Total Amount
1	CH no 04 04001A pg-64	1093.75	Excavation for foundation upto 1.5 mt.depth including sorting out and stacking of unuseful materials and disposing off the excavated stuff upto any lead. (A) Loose or soft soil	Cu.M	117.08	Rupees One hundred Seventeen Paise Eight Only	128055.74
2	CH No 4 04002A pg-64	122.00	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.(A) Loose or soft soil	Cu.M	129.81	Rupees One hundred Twenty Nine Paise Eighty One Only	15836.23
3	CH no 04 4006 4.12 pg-66	660.60	Filling availabale excavated earth (excluding rock) in trenches plinth, sides of foundations etc. in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming and watering.	Cu.M	130.39	Rupees One hundred Thirty Paise Thirty Nine Only	86136.29
4	CH no 04 04007 4.24 pg-66	79.00	Filling in plinth with sand under floors including watering ramming, consolidating and dressing etc. complete(more than 10 ton)	Cu.M	460.19	Rupees Four hundred Sixty Paise Nineteen Only	36354.72
5	4008A Ch.4 pg-66	342.00	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete. (more than 10 ton)	Cu.M	282.02	Rupees Two hundred Eighty Two Paise Two Only	96451.63
6	05010AA 5.3.13 P-71	70.00	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)	Cu.M	3652.51	Rupees Three Thousand Six hundred Fifty Two Paise Fifty One Only	255675.95
7	05004A 5.3.3 P-70	231.07	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 (more than 10 ton)	Cu.M	2680.21	Rupees Two Thousand Six hundred Eighty Paise Twenty One Only	619310.00
8	05014BA 5.4.11 pg-72	35304.98	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level (more than 10 ton)	Kg	76.21	Rupees Seventy Six Paise Twenty One Only	2690755.08
9	5018 5.4.18 pg-72	86.00	Providing throating or plaster drip and moulding to R.C.C. Chhajja.	Metre	41.00	Rupees Forty Paise One hundred Only	3525.65
10	Add Specificatio n	131.15	Providing & laying controlled cement concrete M-250 with curing etc. complete including the cost of form work but excluding the cost of reinforcement for R.C.C. work : Foundation & plinth for Footings,Tie beams, columns up to plinth etc.	Cu.M	5714.26	Rupees Five Thousand Seven hundred Fourteen Paise Twenty Six Only	749397.67

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11	Add Specification	15.00	Providing & laying controlled cement concrete M-200 with curing etc. complete including the cost of form work but excluding the cost of reinforcement for R.C.C. work in foundation and plinth for Copping & Beam etc.	Cu.M	5271.08	Rupees Five Thousand Two hundred Seventy One Paise Eight Only	79066.18
12	Add Specification	22.90	Providing & laying controlled cement concrete M-200 with curing etc. complete including the cost of form work but excluding the cost of reinforcement for R.C.C. work at Ground Floor for Column	Cu.M	7667.04	Rupees Seven Thousand Six hundred Sixty Seven Paise Four Only	175596.33
13	Add Specification	3.00	Providing & laying controlled cement concrete M-200 with curing etc. complete including the cost of form work but excluding the cost of reinforcement for R.C.C. work at First Floor for Column	Cu.M	7706.84	Rupees Seven Thousand Seven hundred Six Paise Eighty Four Only	23120.51
14	Add Specification	52.00	Providing & laying controlled cement concrete M-200 with curing etc. complete including the cost of form work but excluding the cost of reinforcement for R.C.C. work at Ground Floor for Beam, Lintel, Chajja.	Cu.M	6364.48	Rupees Six Thousand Three hundred Sixty Four Paise Forty Eight Only	330953.20
15	Add Specification	4.00	Providing & laying controlled cement concrete M-200 with curing etc. complete including the cost of form work but excluding the cost of reinforcement for R.C.C. work at First Floor for Beam, Lintel, Chajja.	Cu.M	6404.28	Rupees Six Thousand Four hundred Four Paise Twenty Eight Only	25617.11
16	Add Specification	79.00	Providing and Laying controlled Cement Concrete M-200 and curing etc. Complete including the cost of form work but excluding the cost of reinforcement for R.C.C. work at Ground Floor for Slabs & Shelves etc.	Cu.M	6544.83	Rupees Six Thousand Five hundred Forty Four Paise Eighty Three Only	517041.59
17	Add Specification	3.00	Providing and Laying controlled Cement Concrete M-200 and curing etc. Complete including the cost of form work but excluding the cost of reinforcement for R.C.C. work at First Floor for Slabs & Shelves etc.	Cu.M	6584.62	Rupees Six Thousand Five hundred Eighty Four Paise Sixty Two Only	19753.87
18	Add Specification	2.00	Providing & laying controlled cement concrete M-200 with curing etc. complete incl. the cost of form work but excluding the cost of reinforcement for R.C.C. work at Ground Floor (D) Staircase	Cu.M	7081.92	Rupees Seven Thousand Eighty One Paise Ninety Two Only	14163.84
19	15019,P-136	12.00	Providing and Fixing 6 mm thick lexan polycarbonate multi wall roofing sheet fixed with hilti screw and rubber silicon sealer and alluminium strip of size 50 X 3 mm etc complete as directed by Engineer in charge.	Sq.M	1441.90	Rupees One Thousand Four hundred Forty One Paise Ninety Only	17302.75
20	06002BA 6.13 pg-85	246.79	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 1:6 (1- Cement : 6 -fine sand)(B) Conventional (more than 10 ton)	Cu.M	4021.02	Rupees Four Thousand Twenty One Paise Two Only	992327.94
21	06002BA+ 06006B +06007B2A 6.13+6.19 pg-85,86,87	244.20	Brick work using common burnt clay conventional building bricks for super structure having crushing strength not less than 35 Kg./Sq.Cm. in cement mortar 1:6 (1 cement : 6 fine sand) in super structure above plinth level upto floor two level (conventional) (more than 10 ton) (A) Ground Floor.	Cu.M	4329.52	Rupees Four Thousand Three hundred Twenty Nine Paise Fifty Two Only	1057267.93

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22	06002BA+06006B+06007B2A 6.13+6.19+6.2 pg-	41.00	Brick work using common burnt clay conventional building bricks for super structure having crushing strength not less than 35 Kg./Sq.Cm. in cement mortar 1:6 (1 cement : 6 fine sand) in super structure above plinth level upto floor two level (conventional) (more than 10 ton) (B) First Floor.	Cu.M	4368.61	Rupees Four Thousand Three hundred Sixty Eight Paise Sixty One Only	179113.16
23	06008A2A+06010B 6.30+6.32 pg-88,89	118.00	Half brick masonry in common burnt clay conventional building bricks having crushing strength not less than 35 Kg./Sq.Cm. in cement mortar 1:4 (1 Cement : 4 coarse sand) in super structure above plinth level upto floor two level (conventional) (more than 10 ton) (A) Ground Floor	Sq.M	651.67	Rupees Six hundred Fifty One Paise Sixty Seven Only	76897.32
24	Add Specification	34.28	Providing and fixing window having extruded aluminum Colour anodized section frame main outer TOP & Vertical 92 mm X 31.50 mm * 1.5mm @1.020 kg/m, Bottom size 92 mm X 31.50 mm * 1.5mm @1.248 kg/m & , Horizontal Three track member TOP & Bottom Size 40mm * 18mm * 1.50mm ,Weight @ 0.491 Kg/Rmt , Vertical Handle Size 40mm * 18mm * 1.50 mm ,Wt @ 0.49 Kg/Rmt with sliding shutters of Interlock vertical member Size 40mm * 27mm * 1.50 mm ,Wt @ 0.546 Kg/Rmt , with Ground glass 5 mm thick transparent bronze colour tinted float glass with aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc	Sq.M	3295.41	Rupees Three Thousand Two hundred Ninety Five Paise Forty One Only	112950.10
25	Add Specification	96.00	Providing & fixing in position Fully glazed coloured anodized aluminium single leaf door standard section (Jindal or Equivalent) for frame 63.50 mm X 49.50 mm * 1.5mm @1.052 kg/m & shutter top rail size 85mm x 44.45 mm * 1.5 mm Wt @ 1.055 kg/ m ,Bottom rail size 114.30 mmx44.45 mm * 1.36 mm Wt @1.201 kg/m & Middel Rail Size 83.50mm *44.45 mm * 1.37 mm , Wt @ 1.010 Kg/m & Vertical Rail size 85mmx44.45 mm * 1.40 mm @ Wt 1.038 Kg/m & Glazing clips size 18.40 mmx17mm *0.90 mm Wt @ 0.114 kg Vertical & Hoz with obscured top panel including ruber gasket & 4 mm thick both side pre laminated at bottom panel fix by glazing clips including providing anodized aluminium handle 15 cm & stopper 20 cm , aldop 30 cm , SS screw with fixture & fastening including cutting the flooring, making good etc. all required materials labours and equipments with fixing as per detailed drawing or as directed Engineer in charge.	Sq.M	5066.15	Rupees Five Thousand Sixty Six Paise Fifteen Only	486350.39
26	11036,P-122	5.00	Providing and fixing standared extruded of alluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section :2434, @ Wt. 0.643kg per mt) with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	Sq.M	1175.56	Rupees One Thousand One hundred Seventy Five Paise Fifty Six Only	5877.80

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27	Add Specification	21.00	Providing and fixing Stainless steel mosquito net jali ,wire of I.S gauge designation 85-G with wire of 0.56 mm fix in aluminium door, window, ventilator shutters of any size, any shape with etc all complete at all floors/all levels/all heights as per the architectural drawings and the directions of Engineer-in-Charge. Actual laying installed Jali shall be measured. ALL Types of Windows & Ventations (Cost of aluminium snap beading shall be paid in basic item)	Sq.M	974.98	Rupees Nine hundred Seventy Four Paise Ninety Eight Only	20474.65
28	26001E Ch-26 26.16 Page 185	2100.00	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(E) From Borrow area Any lead	Cu.Mt.	161.22	Rupees One hundred Sixty One Paise Twenty Two Only	338554.02
29	10025A 10.1 pg-102	1644.00	Providing and fixing M.S. Grill of required pattern to wooden frames of windows or wall etc. with M.S.flats at required spacings and frame around square or round bars with round headed bolts and nuts or by screws including applying primer and three coats (A) Plain Grill (upto 10 ton)	Kg	101.17	Rupees One hundred One Paise Seventeen Only	166326.27
30	11002AA 11.4 pg-118	15.11	Steel work, welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (A) In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like (upto 10 ton)	Qntl	9047.86	Rupees Nine Thousand Forty Seven Paise Eighty Six Only	136749.40
31	Add Specification	2.00	Providing and fixing bright finish ISI hydraulic Door closers (Heavy type of 765 number) Hardwire or Everite, Prabhat or Equivalent as approved model and make with necessary screws and finishing etc. complete as directed by Engineer in charge.	Each	943.26	Rupees Nine hundred Forty Three Paise Twenty Six Only	1886.52
32	23025,23.14 4 P-173	11.00	Providing and fixing C.P. brass towel rail complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws.(B) 600mm x 20mm size.	Each	603.19	Rupees Six hundred Three Paise Nineteen Only	6635.11
33	Add Specification	30.00	Providing and fixing 90 cm high finish from flooring MS railing with 40 mm dia medium grade MS pipe wt. @ 3.20 Kg/M for balconies, terrace parapets, ramp, stairs etc. with 20 x 20mm square bars Balusters @ spacing 15 cm c/c as per approved pattern including cutting, bending, welding, fixing, placing, and applying One coat of approved brand primer and Two coat of oil paint etc. complete	Rmt	1990.73	Rupees One Thousand Nine hundred Ninety Paise Seventy Three Only	59721.91
34	14012A 14.43 P-132	387.00	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1:1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick (upto 10 ton)	Sq.M	989.45	Rupees Nine hundred Eighty Nine Paise Forty Five Only	382915.80

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35	14022A,P-134	89.00	Providing and laying 24" X 24" Vetrified double charged 8mm thick tile flooring over 20mm (ave) base of C.M. 1:6 on new surfac or fixing on existing flooring by adhesive material incl. dismantaling of existing flooring and jointed with colour cement-slurry incl. finished with flush pointing & cleaning the surface etc. comp. for light shed. (more than 10 ton)	Sq.M	1248.74	Rupees One Thousand Two hundred Forty Eight Paise Seventy Four Only	111138.20
36	14008B 14.29(B) p-131	34.00	Providing and laying Ceramic tiles 8 mm 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. (upto 10 ton) Size of Tiles 300mm x 450 mm.	Sq.M	949.68	Rupees Nine hundred Forty Nine Paise Sixty Eight Only	32289.22
37	14036 Ch-14 P-134	616.00	Providing and laying coloured glazed tiles of the size / 300 mm x 450 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.	Sq.M	1417.36	Rupees One Thousand Four hundred Seventeen Paise Thirty Six Only	873095.79
38	23024 P-173	11.00	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 plug with C.P. brass screws and washers.	Each	833.73	Rupees Eight hundred Thirty Three Paise Seventy Three Only	9171.08
39	14009A 14.32 P-131	12.00	Providing and laying white glazed tiles 6mm 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 (upto 10 ton)	Sq.M	938.54	Rupees Nine hundred Thirty Eight Paise Fifty Four Only	11262.51
40	14013A 14.44 P-132	25.00	Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slury mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (upto 10 ton)	Sq.M	1127.85	Rupees One Thousand One hundred Twenty Seven Paise Eighty Five Only	28196.17
41	Add Specification	125.00	Providing & laying 15 mm thick Kesariyaaji green Marble stone in single piece surrounding door & window soffit & Jamb cladding & window sill two up/down in single piece and pillars edge laid on 10 mm thick Cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with white cement with rubbing & polishing etc complete as per instruction of Engineer-in-charge.	Sq.M	2062.75	Rupees Two Thousand Sixty Two Paise Seventy Five Only	257844.16
42	Add Specification	91.50	Providing and laying Exterior grade pavit/paver tile pavement colour and pattern as per architectural drawing 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 etc.	Sq.M	1632.81	Rupees One Thousand Six hundred Thirty Two Paise Eighty One Only	149401.79
43	Add Specification	14.00	Providing, fixing and construction of sand witch type platform of 18 mm thick Granite polished stone top, 100 mm wide edge moulded Facia Patti with 25mm thick prepolished Kota stone of uniform size and colour for bottom & supports at 75 cm interval including necessary cement mortar 1:2 Kota shall be fixed in cement joints and pointing as specified in Kitchen / Pantry / Counter / Laboratory etc with necessary making of edges, polishing curing daily mopping with water and kerosene etc comp as directed of Engineer-in-charge. (Measured only vision finished top plan area)	Sq.M	8254.13	Rupees Eight Thousand Two hundred Fifty Four Paise Thirteen Only	115557.88

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44	Add Specification	15.00	Providing and fixing both sides polished machine cut kotah stone shelves/partition 25 mm thick embedded into wall at support including racking and finishing smooth the surface including cutting the stone as and where required etc. completed.	Sq.M	1422.88	Rupees One Thousand Four hundred Twenty Two Paise Eighty Eight Only	21343.17
45	14035 ch-14 pg-134	537.00	Providing and laying broken chine 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.	Sq.M	747.29	Rupees Seven hundred Forty Seven Paise Twenty Nine Only	401294.14
46	05011BA 5.4.1 pg-71	34.00	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (B) Slabs, landing, shelves, Balconis , Lintels, Beams, Girders and Cantilever upto floor two level. (more than 10 ton)	Cu.M	4007.20	Rupees Four Thousand Seven Paise Twenty Only	136244.64
47	17001A + 17006+17008	541.00	Providing 10 mm thick Mala cement plaster on ceiling and soffits of stairs upto floor two level, in cement mortar (1:3) (1 cement : 3 sand) & finished even and smooth	Sq.M	190.10	Rupees One hundred Ninety Paise Ten Only	102845.29
48	17002A 17.6 P-140	2736.75	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 (ii) Cement mortar 1:3 (1-cement :3-sand)	Sq.M	194.07	Rupees One hundred Ninety Four Paise Seven Only	531125.18
49	17009 17.95 P-141	828.00	20mm thick sand faced cement plaster (Gutaka) 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.	Sq.M	335.65	Rupees Three hundred Thirty Five Paise Sixty Five Only	277920.93
50	17015 Ch-17 P-142	87.00	Providing cement vata (10cm. x 10 cm. size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.	Metre	23.68	Rupees Twenty Three Paise Sixty Eight Only	2060.55
51	18023 18.46 p-126 18024 18.47 p-126 19032 ch-19 p-146	1340.00	Distempering (Two coat) with oil bound washabe distemper of approved brand and of required shade on wall surface to give an even shade after thoroughly brushing the surfaces clean of all grease, dirt loose pieces of scales and also including distempering with oil bound washable distemper of preparing the surface even & Applying two coats of Birla or Asian acrylic lappy (putty) and 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.	Sq.M	97.49	Rupees Ninety Seven Paise Forty Nine Only	130630.17
52	19031 Ch-19, P-151	2740.00	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	Sq.M	114.53	Rupees One hundred Fourteen Paise Fifty Three Only	313823.16

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53	19005 +19001 19.19+ 19.2 p-148	83.00	Painting Two coats over & including a priming coat on new steel and other metal surfaces with enamel paint, brushing interior to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sq.M	100.47	Rupees One hundred Paise Forty Seven Only	8339.41
54	19002 19.7 p-148	23.00	Painting Two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint, brushing interior to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sq.M	87.81	Rupees Eighty Seven Paise Eighty One Only	2019.62
55	22006 Ch-22 P-165	480.00	Applying general insecticide pest control treatment to floors, cupboards etc including labour material etc. complete. Using Heptachloride 20 EC. As Per 6113_pests Concentration Weight 0.50 percent is recommended one litre chemical emulsion dilute with 39 liter of water will give. Total dilute concentration will be 40 litre inclusive of one litre chemical emulsion application 0.5 Litre chemical / Sqm of surface is recommended as per I.S	Sq.M	89.28	Rupees Eighty Nine Paise Twenty Eight Only	42856.32
56	23069 Ch-23 p-178	14.00	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I sread down or hinged grating including the cost of cutting and making good the walls.	Each	547.22	Rupees Five hundred Forty Seven Paise Twenty Two Only	7661.05
57	Add Specifcation	4.00	Providing and fixing white or coloured glazed china vitreous china Orissa type Water closet of size 580 x 440 mm of including providing and fixing vitreous china 100 mm size 'P' or 'S' trap including jointing the trap with pan and soil pipe in CM (1:1) (1 cement :1 fine sand) etc complete as directed by engineer incharge.	Each	1938.65	Rupees One Thousand Nine hundred Thirty Eight Paise Sixty Five Only	7754.62
58	23018+2302 0A+23029A +23030A 23.127,23.1 35,23.95,23. 96 p- 173,174	8.00	Providing and fixing flat back wash basin 550 mm x 400 mm size of first grade, white in colour with single hole for pillar trap with CI or MS brackets painted with including cutting holes and making good the same including providng and fixing CP brass waste coupline 32mm dia & waste pipe , including providing and fixing 15mm dia pillar tap capsten head screw down high pressure with screws, shanks and back nuts,including providing and fixing waste pipe 15mm x 600 mm pvc inlet connection 15mm brass screw down stop tap with necessary fititngs etc. complete	Each	1727.69	Rupees One Thousand Seven hundred Twenty Seven Paise Sixty Nine Only	13821.49
59	Add Specifcation	2.00	Providing and fixing (600 mm X 450 mm X 150 mm) size vitreous china laboratory sink brand of approved quality with CI or MS brackets painted white including cutting holes and making good the same including providing and fixing 32 mm dia CP waste coupling rails providing fixing PVC waste pipe etc. comp as approved by the Engineer in charge. The white glazed earthenware laboratory sink shall be 600 x 450 x 150 mm of best quality and make as approved by the Engineer-in-charge.	Each	2534.02	Rupees Two Thousand Five hundred Thirty Four Paise Two Only	5068.04

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60	23010+23011+23017+23030A+23031A 23.112 + 23.121 23.96(A) + M-738 S no-1030	4.00	Providing and fixing coloured wash down water closet (European type WC pan) with integral 'P' or 'S' trap with soil pipe in cement mortar 1:1 (1 cement : 1 fine sand) with coloured plastic seat cover with CP brass hinges and rubber buffers including cutting holes in wall and making good the same and Jet spray heavy duty with S.S. Braided hose 60 cm long and C.P. Angle stop cock 15mm dia Brass Screw Down Stop Tap etc Complete.	Each	2011.33	Rupees Two Thousand Eleven Paise Thirty Three Only	8045.34
61	Add Specification	1.00	Providing and fixing Special Needs Range cera CRUSE SET (S1013200 or equ.), One piece EWC with S trap 300 mm with B1520118 Soft close seat cover with jet Spreay S2040159 CRANE with two angular cock F2002201 (wc+wb) Wall hung wash basin 665 x 545 x 190 mm F9030453 Single lever clinical faucet with CI or MS brackets,32 mm dia CP brass waste coupling with washer and 15 mm dia brass screw down Stop tap including inlet PVC connection pipe 600 mm length etc complete with all CM and fixing faster and fixture etc. 1) B2210106 Wall mounted grab bar 600 mm long -2 No. 2) B2210103 Wall mounted L Shaped grab bar 500 mm x 700 mm long -1 No. 3) B2210101 Wall mounted U-Shaped hinged hand rail 750 x 100 mm {Cera or equivalent}	Each	49237.50	Rupees Forty Nine Thousand Two hundred Thirty Seven Paise Fifty Only	49237.50
62	Add Specification	45.00	Providing and fixing 3 mm thick 45x15 cm in size approved coloured Acrylic sheets as signage and display of health signs/information of required size having retro reflective letters/design as per requirement, fixing the same through approved adhesive,G.I. Seam bolts and nuts 25mmx7mm etc . complete work shall e carried out as per instruction of Engineer-in-charge.	Each	226.80	Rupees Two hundred Twenty Six Paise Eighty Only	10205.80
63	Add Specification	30.00	Providing and fixing bright finish One mm thick Stainless steel (Grade 304) letters size 30 cm height in Gujarati language fixed in wall with screws and nails and any height including scaffolding etc complete as per instruction of Engineer-in-charge.	Per letter	1115.04	Rupees One Thousand One hundred Fifteen Paise Four Only	33451.20
64	Add Specification	50.00	Tree plantation at Campus which includes excavation of .9x.9x.9 mtr and refilling it with good earth and sludge or manure in proportion specified or directed. planting of various flowering & other plants as directed by having minimum 2 mtr of height & 1. mtr of grith faluage Malsar as per specified by architect including watering and maintenance of the landscaping for 90 days including supplying good earth if needed including Pest Control to all the area	Each	439.42	Rupees Four hundred Thirty Nine Paise Forty Two Only	21971.04
65	23004F 23.8 p-171	35.00	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure polythene 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) 75mm	Metre	277.43	Rupees Two hundred Seventy Seven Paise Forty Three Only	9709.94
66	23004G 23.8 p-171	82.00	Providing and fixing to wall ceiling and floor 10.0 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	Metre	336.24	Rupees Three hundred Thirty Six Paise Twenty Four Only	27571.61

I. No	Item code, NBO No.	Quantites estimated but may be more or less	Item Description	Unit	Rate in Figure With 1% L.C. SOR 2023-24	Rate in Wards	Total Amount
67	23061 ch-23 pg-176	105.00	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make 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 co	Metre	72.65	Rupees Seventy Two Paise Sixty Five Only	7628.18
68	23062 ch 23 pg-177	210.00	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make 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 con	Metre	91.84	Rupees Ninety One Paise Eighty Four Only	19286.25
69	23064 ch-23 pg-177	95.00	Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make 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.	Metre	148.12	Rupees One hundred Forty Eight Paise Twelve Only	14071.07
70	Add Specificatio n	5.00	Providing and fixing 25mm size UPVC Ball Valve Approved list with necessary Adhesive and fittings as directed by Engineer incharge.	Each	550.55	Rupees Five hundred Fifty Paise Fifty Five Only	2752.76
71	Add Specificatio n	4.00	Providing and fixing 40mm size UPVC Ball Valve Approved list with necessary Adhesive and fittings as directed by engineer incharge.	Each	1247.45	Rupees One Thousand Two hundred Forty Seven Paise Forty Five Only	4989.80
72	23028B1,23 .92 Pg-174	15.00	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	Each	186.83	Rupees One hundred Eighty Six Paise Eighty Three Only	2802.45
73	Add Specificatio n	4.00	Providing and fixing brass cromium plated surgical handle cock of size of 15mm dia as per list etc. complete as directed by engineer incharge.	Each	1010.16	Rupees One Thousand Ten Paise Sixteen Only	4040.65
74	Add Specificatio n	5000.00	Providing erecting and fixing double coated Syntex PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	Litre	12.31	Rupees Twelve Paise Thirty One Only	61559.50
75	Add Specificatio n	16.00	Providing and fixing S.W. gully trap with brick masonry chamber and water tight SFRC Pre-cast cement concrete cover with frame of 300 mm x 300 mm Size (inside) with standard weight (i) Square mouth traps as directed by engineer incharge. (i) Square mouth traps. (C) 150 mm x 100 mm size - P or R type	Each	1334.48	Rupees One Thousand Three hundred Thirty Four Paise Forty Eight Only	21351.72
76	23066 P- 177	110.00	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.	Metre	831.22	Rupees Eight hundred Thirty One Paise Twenty Two Only	91434.19

I. No	Item code, NBO No.	Quantities estimated but may be more or less	Item Description	Unit	Rate in Figure With 1% L.C. SOR 2023-24	Rate in Wards	Total Amount
77	Add Specification	16.00	Constructing brick masonry chamber for underground Inspection chamber and bends with bricks having crushing strength no less than 35 kg/cm ² in c:m 1 : 5 . SFRC . cover with frame (Medium duty) 445 mm x 610 mm internal dimensions .R.C.C.top slab with 1: 2 : 4 mix (1 Cement :2 coarse sand : 4 grade stone aggregate 20 mm size) foundation concrete 1 : 5 : 10 inside plaster 15 mm thick with cement mortar 1 : 3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete. (ii) Inside dimension (i) 500 mm x 700 mm x 450 mm deep for pipe line with one or two inlet	Each	3653.42	Rupees Three Thousand Six hundred Fifty Three Paise Forty Two Only	58454.76
78	24018BA Ch-24 P-184	1.00	Providing soak pit of 5.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed. (upto 10 ton)	Each	3360.69	Rupees Three Thousand Three hundred Sixty Paise Sixty Nine Only	3360.69
79	Add Specification	2.00	Providing and constructing SOAK WELL of 2.50m internal dia and 5.00 depth depth internal clear dimension including the cost of all type of excavation,PCC 1:4:8 foundation for honey combed masonry of 5.00m height in C.M. 1:6 (1cement : 6 sand) , casting R.C.C. 1:2:4 (1cement : 2 sand : 4 graded stone aggregate 20mm nominal size) top slab 12 thick with SFRC Cover 600 mmx 450 mm size and curing including cost of reinforcement etc. complete as per detailed drawing and as directed by engineer incharge.	Each	25240.64	Rupees Twenty Five Thousand Two hundred Forty Paise Sixty Four Only	50481.27
80	23038, p-175	1.00	Providing and fixing C.I. Manhole cover 0.60 M. x 0.45M. size having weight not less than 35Kg.	Each	958.17	Rupees Nine hundred Fifty Eight Paise Seventeen Only	958.17
81	M129, , P-187	2.00	Providing and Fixing in R.C.C Wall C.I steps Size 50cm x 15cm x 2.25cm @45cm c/c etc	Each	112.13	Rupees One hundred Twelve Paise Thirteen Only	224.26
82	23067 P-178	120.00	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 height 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.	Rmt	835.15	Rupees Eight hundred Thirty Five Paise Fifteen Only	100217.86
83	Add Specification	2.00	Construction Septic tank inside dimension of 3.00 m in length & 1.50 m in width & 2.25 m depth including excavating any type of soil as shown and mentioned in the drawing, providing and laying 0.10 m thick plain cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone agg.) 40 mm thick IPS flooring at bottom with brick masonry 0.23 m thick walls CM 1:5 (1 cement : 5 coarse sand) and intermediate partition CM 1:4 & RCC Top slabs 12 cms thick in 1:2:4 (1 cement : 2 coarse sand : 4 graded stone agg) including reinforcement as per design and 15 mm thick cement plaster in CM 1:4 with floating coat of neat cement slurry inside, top and around tank below 15 cm on ground level, Also provide Two nos SFRC frame and cover of size 60 cm x 45 cm & 75 mm dia. PVC 6 kgf / Sq cm pressure air vent pipe in 3.00 length with cowl etc complete as per direction of Engineer in charge.	Each	44495.10	Rupees Forty Four Thousand Four hundred Ninety Five Paise Ten Only	88990.19

I. No	Item code, NBO No.	Quantites estimated but may be more or less	Item Description	Unit	Rate in Figure With 1% L.C. SOR 2023-24	Rate in Wards	Total Amount
84	23004D 23.8 p-170	150.00	Providing and fixing to wall ceiling and floor 10.0 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.(D) 40mm	Metre	125.67	Rupees One hundred Twenty Five Paise Sixty Seven Only	18851.15
85	23032B Ch-23 P-175	10.00	Providing and fixing chromium plated brass half turn flush cock of approved quality including fixing in pipe line etc. complete (ii) 25 mm dia	Each	263.77	Rupees Two hundred Sixty Three Paise Seventy Seven Only	2637.72
86	24017B 24.46 p-184	6.00	Extra over SOR Item 24.44(ii) for every additional depth of 0.1 m of part thereof beyond 450 mm depth for brick masonry chember. (i) 500 mm x 700 mm	Each	264.86	Rupees Two hundred Sixty Four Paise Eighty Six Only	1589.17
87	Add Specificatio n	32.98	Providing and laying ordinary cement concrete 1:2:4(1:cement,2:coarse sand: 4 graded stone aggregates 20 mm nominal size and curing complete including the cost of formwork but excluding reinforce for reinforced concrete work in (A) Copping, lintel, beam etc.	Cu.M	5398.45	Rupees Five Thousand Three hundred Ninety Eight Paise Forty Five Only	178047.63
88	14023A Ch-14 P-134	80.00	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 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.	Rmt	384.96	Rupees Three hundred Eighty Four Paise Ninety Six Only	30796.92
89	14033 Ch-14 P-134	400.00	Providing and fixing pre-cast Rubber Dye inter locking concrete block 60mm thick with grade of concrete M200 pnumatic compressed by mechanically pressed and as per approved design including 75mm Sand layer for levelling and filling the joint with sand in proper line and level etc complete.	Sq.M	686.90	Rupees Six hundred Eighty Six Paise Ninety Only	274760.40
90	Add Specificatio n	320.00	Providing and laying Controlled CC road Tri mix M-200 having thickness 100 mm including preparing sub base with providing and fixing channels of 75 mm as per required level slope and thickness of concrete road leveling of placed concrete with surface vibrators finishing surface with power floater and trowel light booming on the surface including providing expansion joint by concrete cutter machine and filling joint by using color 200 as per manufacturers specifications and making construction joint of 5 mm x 50 mm by using concrete cutter machine etc complete as directed by Engineer in charge.	SMT	586.09	Rupees Five hundred Eighty Six Paise Nine Only	187549.73
91	Add Specificatio n	7.20	Steel and galvanised iron work welded in built up sections framed work for cattle trap including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. [A] In angles 125 mm x 75 mm x 10 mm @ 14.92 kg/m, flats 100 mm x 10 mm MS flat @7.85 kg/m& Galvanised iron pipe 65 mm dia & 4.5 mm thick @ 7.90 kg/m with connection cleats as in main and cross angles & flats etc complete.	Qntl	7972.94	Rupees Seven Thousand Nine hundred Seventy Two Paise Ninety Four Only	57405.17

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92	15001A,15.1 Pg.- 135	104.00	Providing corrugated G.I. sheets roofing fixed with galvanised iron “J” or “L” hooks bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers, filled with white lead complete excluding the cost of purlins rafters and trusses (1) 0.80 mm thick sheet.	Sq.M	727.13	Rupees Seven hundred Twenty Seven Paise Thirteen Only	75621.45
93	26117A Ch.26(A) P-233	0.42	Clearing and grubbing road land including uprooting rank vegetation, grass bushes, shrubs, saplings and trees girth up to 300 mm removal of stumps of tress cut earlier and disposal of unserviceable materials.(A) By Manual means in area of light jungle.	Hector	80243.79	Rupees Eighty Thousand Two hundred Forty Three Paise Seventy Nine Only	33702.39
94	1-2-1.	90.00	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	Pt.	485.81	Rupees Four hundred Eighty Five Paise Eighty One Only	43722.90
95	1-2-2.	30.00	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	Pt.	674.68	Rupees Six hundred Seventy Four Paise Sixty Eight Only	20240.40
96	1-2-3.	15.00	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 with 2-1.5 sq.mm Cu. Wire (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete Cat-III.	Pt.	510.05	Rupees Five hundred Ten Paise Five Only	7650.75
97	1-2-3.	20.00	[II] For 16A Plug and 16 amp switch with 2-2.5 sq.mm Cu. Wire from mcb db board.(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete Cat-III.	Pt.	745.38	Rupees Seven hundred Forty Five Paise Thirty Eight Only	14907.60
98	1-2-4.	35.00	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	Pt.	257.55	Rupees Two hundred Fifty Seven Paise Fifty Five Only	9014.25

I. No	Item code, NBO No.	Quantities estimated but may be more or less	Item Description	Unit	Rate in Figure With 1% L.C. SOR 2023-24	Rate in Wards	Total Amount
99	1-2-6.	15.00	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.(7) Blank Plate Single	Ea.	25.25	Rupees Twenty Five Paise Twenty Five Only	378.75
100	1-2-6.	5.00	(3) Two Pin/RJ-11 Telephone Socket.[A] For One Gang Cat-III	Nos.	160.59	Rupees One hundred Sixty Paise Fifty Nine Only	802.95
101	1-2-6.	5.00	(8) Modem Jack for Computer Open RJ-45	Nos.	160.59	Rupees One hundred Sixty Paise Fifty Nine Only	802.95
102	1-3-2.	130.00	Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected on/in wall or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following diameter of pipes, in approved manner as directed (a) 20 mm	Mtr.	24.24	Rupees Twenty Four Paise Twenty Four Only	3151.20
103	1-3-4.	15.00	Providing & erecting PVC Corrugated Flexible Conduit with required nos. of coupling, PVC bushes, Check-nuts etc. complete of following sizes.(2) 25 mm	Mtr.	21.21	Rupees Twenty One Paise Twenty One Only	318.15
104	1-3-6.	10.00	(A) Supplying and laying UPVC cable trunking system comprising unplasticised polyvinyl, chloride rigid material with ignition free & flame proof confirming BS .All necessary accessories and measuring of following sizes.(1) 75 mm x 50 mm trunking	mtr	277.75	Rupees Two hundred Seventy Seven Paise Seventy Five Only	2777.50
105	1-4-1.	140.00	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(a) 2 wire 1.5 sq. mm	Mtr.	62.62	Rupees Sixty Two Paise Sixty Two Only	8766.80
106	1-4-1.	560.00	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 color for earth continuity of following size. (a) with medium class Rigid PVC pipe and accessories (b) 2 wire 2.5 sq. mm	Mtr.	82.82	Rupees Eighty Two Paise Eighty Two Only	46379.20
107	1-4-2.	150.00	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 color for earth continuity of following size. (a) with medium class Rigid PVC pipe and accessories.(a) 2 wire 4 sq. mm	Mtr.	112.11	Rupees One hundred Twelve Paise Eleven Only	16816.50
108	1-4-2.	110.00	h) 4 wire 6 sq. mm.	Mtr.	260.58	Rupees Two hundred Sixty Paise Fifty Eight Only	28663.80
109	1-4-2.	30.00	(i) 4 wire 10 sq. mm (use earth wire of 4 sq.mm)	Mtr.	425.21	Rupees Four hundred Twenty Five Paise Twenty One Only	12756.30
110	1-4-7.	135.00	Supplying & erecting Delton or approved make Telephone Cable electrolytic copper conductor PE insulation twisted in two pairs, & wrapped with FRLS PVC tape & sheathed with FRLS PVC or HFFR outer Jacket suitable for telephone wiring & confirming to C-DOT erected in existing pipe. of following size of conductors & nos.of pairs. With necessary connections. [A] Conductor Size 0.5 mm. (a) Unarmoured (2) Two Pairs	Mtr.	20.20	Rupees Twenty Paise Twenty Only	2727.00
111	1-4-8	145.00	Supplying & erecting approved make LAN cable of following size in existing pipe as per direction[C] CAT - 6	Mtr.	47.47	Rupees Forty Seven Paise Forty Seven Only	6883.15

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112	1-6-2.B	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	nos	1133.22	Rupees One Thousand One hundred Thirty Three Paise Twenty Two Only	5666.10
113	1-6-3.	65.00	Bakelite adopter for Holder to be erected	nos	9.09	Rupees Nine Paise Nine Only	590.85
114	1-6-12.	3.00	Decorative call bell Ting-tong box type 250 volts complete erected	Ea.	71.71	Rupees Seventy One Paise Seventy One Only	215.13
115	2-15-1.	65.00	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(iv) 22-24 Watts, Surge - 2KV,IP-20, conventional 4 feet.Cat-III	Ea.	373.70	Rupees Three hundred Seventy Three Paise Seventy Only	24290.50
116	2-15-2.	15.00	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 (iii) 10 to 15 watts Cat-III	Ea.	188.87	Rupees One hundred Eighty Eight Paise Eighty Seven Only	2833.05
117	2-16-2.	11.00	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. (i) above 36 to 48 watts.Cat III.	Ea.	3345.12	Rupees Three Thousand Three hundred Forty Five Paise Twelve Only	36796.32
118	6-4-3.	11.00	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]	Ea.	476.72	Rupees Four hundred Seventy Six Paise Seventy Two Only	5243.92

I. No	Item code, NBO No.	Quantities estimated but may be more or less	Item Description	Unit	Rate in Figure With 1% L.C. SOR 2023-24	Rate in Wards	Total Amount
119	6-5-5.	10.00	Supplying and erecting B class Galvanized iron pipe having smooth finished bore of the pipe on both ends erected nuts and bolts along the pole / wall shaping the pipe as per site requirement. Pipe dia as following.(b) 32 mm dia	Mtr.	215.13	Rupees Two hundred Fifteen Paise Thirteen Only	2151.30
120	6-5-6	11.00	B' class galvanised iron pipe 32 mm outside dia 45 cms long duly welded on 20 cms x 20 cms x 3 mm thick M.S. base plate, erected on wall or corner for mounting street light luminaire with necessary hardware materials duly painted.	Ea.	343.40	Rupees Three hundred Forty Three Paise Forty Only	3777.40
121	4-5-1.	90.00	Making trench in soft soil of suitable width of 90 cms deep for laying cable or locating the fault all over the run and backfilling the same and making the surface as normal ground.	mtr	55.55	Rupees Fifty Five Paise Fifty Five Only	4999.50
122	3-13-4	2.00	Providing & erecting High Voltage Danger Notice Board sticker of standard size	Ea.	35.35	Rupees Thirty Five Paise Thirty Five Only	70.70
123	3-14-4.	6.00	Providing and erecting Annealed bare Copper wire 8 to 16 S.W.G.	Kg.	794.87	Rupees Seven hundred Ninety Four Paise Eighty Seven Only	4769.22
124	3-14-9.	2.00	Supplying & erecting earth pit of minimum bore dia.150mm size approved make 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 50mm having 80-200 Micron galvanising, Inner pipe dia of 25 mm having 200-250 Micron galvanising, connection terminal dia of 12mm 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 resistence 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 should be capable to retain moisture for long time Necessary test report must be submitted by Agency. (a) For Electrical Installation up to 440V in normal soil Length of pipe - 1 Mtr Back filling compound - 1 Nos Bag of 15 Kg	Ea.	4591.46	Rupees Four Thousand Five hundred Ninety One Paise Forty Six Only	9182.92
125	4-2-1.	30.00	Supplying & erecting XLPE(IS:7098)(I)-88 ISI unarmoured copper cable 1.1 KV grade to be erected as directed of following size. (A) 2 core 2.5 Sq. mm	Ea.	101.00	Rupees One hundred One Only	3030.00
126	4-3-4.	180.00	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (b) 4 core 6 Sq. mm	mtr	126.25	Rupees One hundred Twenty Six Paise Twenty Five Only	22725.00
127	4-7-1.	90.00	Solderless 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. (A) 1.5/ 2.5/4/6 Sq.mm	Ea.	6.06	Rupees Six Paise Six Only	545.40
128	3-11-11	1.00	Providing and erecting Sheet Steel powder coated Vertical MCB distribution board (VTPN) - flush / surface mounted double door (IP54) fitted with insulated copper busbar, isolated neutral link, earth bar and DIN rail, confirming to IS 13032 and BS 5486-1986,IP-54 suitable for 63/100 AMP TPN MCCB + RCCB as incomer and three phase outgoing as per following .(The DBs should be used of same company of MCB to be used) (C)8 way outgoing	Ea.	13824.88	Rupees Thirteen Thousand Eight hundred Twenty Four Paise Eighty Eight Only	13824.88
129	3-4-1.	2.00	Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 25 KA. at 415 V, having normal current rating up to 25 A to 100A. with Fixed thermal & magnetic release suitable to work on A.C. supply 50 c/s. with all internal connections & complete erected in existing 16 G.M.S. housing. ICS=100% ICU only CAT III	Ea.	6173.12	Rupees Six Thousand One hundred Seventy Three Paise Twelve Only	12346.24

I. No	Item code, NBO No.	Quantities estimated but may be more or less	Item Description	Unit	Rate in Figure With 1% L.C. SOR 2023-24	Rate in Wards	Total Amount
130	5-1-8.	29.00	Supply, Installation, Testing and Commissioning of suitable sweep, BEE 5 Star rated, Ceiling fan with Brush Less Direct Current (BLDC) permanent ferrite magnet Motor, class of insulation: B, Rust free 3 nos. Aluminium blades, 2 nos. canopies, shackle kit with earthing provision, copper winding, Power factor not < 0.9, Service Value (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350	Ea.	2629.03	Rupees Two Thousand Six hundred Twenty Nine Paise Three Only	76241.87
131	5-2-1.	29.00	Supplying and erecting 19/20 mm normal bore Medium Calss M. S. Pipe down rod erected duly painted for fan complete with necessary 24/0.2 flat 3 Core flexible wire with earthing.	Ea.	108.07	Rupees One hundred Eight Paise Seven Only	3134.03
132	5-2-3.	30.00	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.	Ea.	108.07	Rupees One hundred Eight Paise Seven Only	3242.10
133	5-2-5.	30.00	Providing 2.5mm.thick laminated acrylic sheet to cover the fan hook or Fan box.	Ea.	18.18	Rupees Eighteen Paise Eighteen Only	545.40
134	5-3-3.	6.00	Supplying & erecting approved make low noise decorative exhaust fan having square frame ABS body with inbuilt lowers & square frame.200mm with 1350RPM Cat.II	Ea.	1703.87	Rupees One Thousand Seven hundred Three Paise Eighty Seven Only	10223.22
135	5-3-4.	1.00	Supplying & erecting single phase approved make industrial exhaust fan suitable for medium duty ring mounted low noise operation suitable for medium duty having following dia size and maximum speed in RPM. [A] 305 mm dia 900 RPM CAT II	Ea.	2054.34	Rupees Two Thousand Fifty Four Paise Thirty Four Only	2054.34
136	5-3-8.	7.00	Providing recess in wall or window frame suitable for erection of Exhaust fan complete with plastering and color washing to match the color of the wall or window complete with expanded metal in order to render the fitting in accessible and the room water-proof.	Ea.	189.88	Rupees One hundred Eighty Nine Paise Eighty Eight Only	1329.16
137	8-13-2.	1.00	Providing & erecting water cooler having storage capacity 150 Ltr. & cooling capacity 150 Ltr.per hour @ an ambient temp of 45° C. The outlet temp. of the water should drop by 15°C within a hour, The water cooler should be comprising of hermetically sealed compressor, fan motor, condensing unit, water tank surrounded by evaporating, coil, thermostats, relay etc.complete with necessary inlet & outlet connection. The body of water cooler will be made from Stainless Steel.	Ea.	55893.40	Rupees Fifty Five Thousand Eight hundred Ninety Three Paise Forty Only	55893.40
138	8-13-6	1.00	Supplying & erecting 5 stage single reverse osmosis water purification system with M.S. powder coated frame, prefilter housing with 'O' ring presediment filter GAC filter, carbon filter suitable buster DC pump capacity 80 psi, mention with 40 psi inline type post carbon filter auto low & high pressure switches with following size of storage tank & LPH capacity & erected as directed.[B] 25 Ltr / Hr with 30 Ltr.	Ea	15620.66	Rupees Fifteen Thousand Six hundred Twenty Paise Sixty Six Only	15620.66
139	8-16-2.	1.00	Supplying and erecting horizontal / vertical mounting type storage water heater with copper container housed in M.S./S.S. body insulated with glass wool / puff complete with heating elements,adjustable thermostats 300 c to 850 C, indicating lamp, safety valve, fusible plug, etc.complete erected with coach bolts, nuts. washers & cementation (A) 10 Ltr. with 3 KW. heating element Cat.III	Ea	7027.58	Rupees Seven Thousand Twenty Seven Paise Fifty Eight Only	7027.58
140	3-11-5.	3.00	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 (B) three phase incoming and single phase horizontal type outgoing Per phase isolation type (PPI)(L) Three phase 6 way SS Double door for single phase outgoing horizontal box (b) sheet steel double door(ii)6 way	Ea.	2913.85	Rupees Two Thousand Nine hundred Thirteen Paise Eighty Five Only	8741.55
141	3-10-2.	4.00	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 (A) 6 to 32 Amp.Cat-III	Ea	299.97	Rupees Two hundred Ninety Nine Paise Ninety Seven Only	1199.88

I. No	Item code, NBO No.	Quantites estimated but may be more or less	Item Description	Unit	Rate in Figure With 1% L.C. SOR 2023-24	Rate in Wards	Total Amount
142	3-10-1.(B)	40.00	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	nos	112.11	Rupees One hundred Twelve Paise Eleven Only	4484.40
143	3-10-5.	8.00	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©63 Amp.Cat.III	nos	737.30	Rupees Seven hundred Thirty Seven Paise Thirty Only	5898.40
144	3-11-2.	4.00	Plastic enclosure fitted with DIN rail suitable for incorporating One / Two nos. MCB	nos	52.52	Rupees Fifty Two Paise Fifty Two Only	210.08
145	3-12-1.	9.00	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	nos	2235.13	Rupees Two Thousand Two hundred Thirty Five Paise Thirteen Only	20116.17
146	9-4-1.	2.00	Providing & erecting open well type horizontal mono block pump set with stainless steel body having following specification (C) 1 H.P. single phase open well motor pump set suitable for 185 LPM discharge @ 25 mtr. head, suitable for 32 mm dia. Delivery pipe with control panel. CAT II	nos	9613.18	Rupees Nine Thousand Six hundred Thirteen Paise Eighteen Only	19226.36
147	9-6-18.	1.00	Lowering of submersible motor pump set complete with required. Nos. and size of casing pipes erected by means of proper chain pulley block & pipe wrenches after checking of threads of each pipe with coupling to take the load of the pump set and pipe assembly filled up with water.(d) for open well Horizontal submersible pump set for pump well.	job	856.48	Rupees Eight hundred Fifty Six Paise Forty Eight Only	856.48
148	9-7-1.	55.00	Providing and erecting ISI marked PVC insulated PVC Sheathed Flat flexible Submersible copper cable approved make of following Size.(B) 3 Core x 2.5 Sq. mm.	mtr	104.03	Rupees One hundred Four Paise Three Only	5721.65
Total of civil+ electrical works							15676270.43
						TOTAL SAY	15676271.00

			Rupees One Crore Fifty Six Lakh Seventy Six thousand Two hundred Seventy One Only				
(A) Total Tendered Amount							
(B) Rebate on above tendered amount (if any) (% In figure)_____(% in words)_____							
(C) Net Tendered Amount (A-B)							
(D) Net Tendered Amount (in words) : Rupees							
Note :-							
1	The Contractor shall exhibit a board with detailed specification and details of work as directed Kq 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 Sa.L 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. Input rate is Rs. 5234 MT.						
5	GST extra applicable in case of work based on SOR 2023-24 only.						

Dy. Executive Engineer
Project Implementation Unit
Kheda

Executive Engineer
Project Implementation Unit
Kheda