

Name of Work:-

Construction of new Chief Minister House Deputy Superintendent of Police office building at Minister Enclave, Gandhinagar.(Providing additional facilities in Minister Enclave, Gandhinagar)

BOQ**Memorandum showing items of works to be carried out**

Item No.	Item of work	Quantities estimated but may be more or less	Unit	Estimated Rate		Total Amount according to estimated quantities
				In figure Rs. Ps.	In words	
1	2	3	4	5	6	7
1	Excavation for foundation Upto 1.50 m depth including sorting out and stacking of the useful materials and disposing off the excavated stuff up to 50 metre lead. (A) loose or soft soil.	601.00	Cmt	123.13	One hundred twenty three rupees and thirteen paise only	74001.13
2	Excavation for foundation from depth 1.50 m to 3.00 m including sorting out and stacking of the useful materials and disposing off the excavated stuff up to 50 metre lead. (B) Dense or Hard soil.	422.00	Cmt	170.50	One hundred seventy rupees and fifty paise only	71951.00
3	Excavation for foundation from depth 3.00 m to 5.00 m including sorting out and stacking of the useful materials and disposing off the excavated stuff up to 50 metre lead. (B) Dense or hard soil.	29.00	Cmt	182.94	One hundred eighty two rupees and ninety four paise only	5305.26
4	Filling available excavated Earth (Excluding Rock) in trench plinthside of foundation etc. in layer not exceeding 20 cm in depth consolidation each deposited layer by ramming and watering etc. complete.	814.00	Cmt	136.92	One hundred thirty six rupees and ninety two paise only	111452.88
5	Filling in plinth with sand under floors including watering, ramming consolidating and dressing etc. complete.	98.00	Cmt	481.70	Four hundred eighty one rupees and seventy paise only	47206.60
6	Filling in foundation and plinth with murrum or selected soil in layers of 20 cm Thickness including watering, ramming and consolidating etc. complete.	95.00	Cmt	277.14	Two hundred seventy seven rupees and fourteen paise only	26328.30

7	Anti-Termite System:Providing and laying of permanent piping technology anti-termite treatment before flooring work by installing LLDP (Low linear density polyethylene) tube of 8 mm O.D. & 6.4 mm I.D. with inbuilt pressure compensation chip every 30 cm interval in the tube, having working pressure of 2 Kg/cm ² and release rate of 1.9 ltr/hour fixed by P-clips and nails. The LLDP pipe shall be installed at the entire periphery of the building and at internal network of building at a depth of 20 to 200 mm under floor at every 2 to 3 mtr. c/c distance (adjusted as per building layout) & Ends of loop pass through a PVC elbow of minimum 32 mm ID at junction box of wall and floor level, entering into a steel reinforced grooved flexible pipe of minimum 22 mm ID leading into junction box and the loops shall terminate in junction boxes & test every junction during injecting chemicals for termite control treatment. The anti termite chemical Imidacloprid 30.5% SC mix as per IS-6313 (part III) shall be injected by the pressure pump diluted with water @ 10.5 ml/5 ltr of water at the rate of 2 Kg/sq.cm @ 5 Ltr/SMT. The contractor shall submit approved line plan for piping system and junction boxes dully approved by Engineer-in-Charge with bond of 5 year warranty.(i)Anti Termite chemical injected area (Chemical injecting incl. labour cost)	413.00	Smt	134.33	One hundred thirty four rupees and thirty three paise only	55478.29
8	Providing and laying controlled cement concrete M-150 and curing complete including the cost of form work but excluding the cost of reinforcement for reinforced concrete work in P.C.C below foundation footings, base of columns and mass concrete.	134.00	Cmt	4049.22	Four thousand forty nine rupees and twenty two paise only	542595.48
9	Providing and laying controlled cement concrete M-250 and curing complete including the cost of form work but excluding the cost of reinforcement for reinforced concrete work in foundation footings, base of columns and mass concrete.	137.00	Cmt	4419.70	Four thousand four hundred nineteen rupees and seventy paise only	605498.90
10	Providing and laying controlled cement concrete M-250 for curing complete including cost of formwork but excluding the cost of reinforcement for reinforced concrete work in Columns, pillars, posts and struts For All Floor Level.	49.00	Cmt	7679.31	Seven thousand six hundred seventy nine rupees and thirty one paise only	376286.19
11	Providing and lying controlled concrete M-200 and curing complete including cost of form work but excl. reinforcement for reinforced concrete work in Grade Slabs	61.00	Cmt	4656.54	Four thousand six hundred fifty six rupees and fifty four paise only	284048.94

12	Providing and lying controlled concrete M-250 and curing complete including cost of form work but excl. reinforcement for reinforced concrete work in Slabs For All Floor Level.	52.00	Cmt	6412.19	Six thousand four hundred twelve rupees and nineteen paise only	333433.88
13	Providing and lying controlled concrete M-250 and curing complete including cost of form work but excl. reinforcement for reinforced concrete work in Plinth Beam & Beams For All Floor Level.	72.00	Cmt	6326.90	Six thousand three hundred twenty six rupees and ninety paise only	455536.80
14	Providing and lying controlled concrete M-250 and curing complete including cost of form work but excl. reinforcement for reinforced concrete work in Lintel For All Floor Level.	5.00	Cmt	7760.36	Seven thousand seven hundred sixty rupees and thirty six paise only	38801.80
15	Providing and lying controlled concrete M-250 and curing complete including cost of form work but excl. reinforcement for reinforced concrete work in Chajjas For All Floor Level.	4.00	Cmt	6664.30	Six thousand six hundred sixty four rupees and thirty paise only	26657.20
16	Providing and lying controlled concrete M-250 and curing complete including cost of form work but excl. reinforcement for reinforced concrete work in Sill / Coping For All Floor Level.	3.00	Cmt	6402.43	Six thousand four hundred two rupees and forty three paise only	19207.29
17	Providing and laying TMT Bar Fe 500D reinforcement for RCC work including bending, binding and placing in position complete for all floors.	43028.00	Kg	77.29	Seventy seven rupees and twenty nine paise only	3325634.12
18	Providing cement vata (10cm. x 10 cm. size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.	78.00	Rmt	24.28	Twenty four rupees and twenty eight paise only	1893.84
19	Brick work using common burnt clay conventional building bricks having crushing strength not less than 35 Kg/Sqm. in Foundation and Plinth in cement mortar 1:6 (1 cement : 6 fine sand) including curing etc. complete.	47.00	Cmt	4214.09	Four thousand two hundred fourteen rupees and nine paise only	198062.23
20	Brick work using common burnt clay conventional building bricks having crushing strength not less than 35 Kg/sqcm. in Super structure for All floors in cement mortar 1:6 (1 cement : 6 fine sand) including curing etc. complete.	130.00	Cmt	4502.81	Four thousand five hundred two rupees and eighty one paise only	585365.30
21	Half brick masonry in common burnt clay conventional building bricks having crushing strength not less than 35 Kg/Sq.cm. in C.M. 1:4 (1 cement : 4 coarse sand) including curing etc. complete for all floors.	40.00	Smt	685.79	Six hundred eighty five rupees and seventy nine paise only	27431.60

22	Providing 10 mm thick Mala cement plaster with 1x1 cm grooves in single coat on brick/concrete wall/ceiling for interior plastering upto floor two level finished even and smooth including scaffolding, curing etc. complete. In Cement mortar 1:3(1 cement : 3 fine sand) for all floors.	408.00	Smt	161.36	One hundred sixty one rupees and thirty six paise only	65834.88
23	Providing 20 mm thick double coat Mala cement plaster with 1x1 cm grooves on interior brick/concrete work for plastering comprising of base coat of 12 mm thick cement plaster in Cement mortar 1 : 4 (1 cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1 : 2 (1 cement : 2 coarse sand) finished with trowel including scaffolding curing and 1 cm x 1 cm grooves at junction of structural members etc. complete for all floors.	404.48	Smt	286.10	Two hundred eighty six rupees and ten paise only	115721.73
24	20 mm thick double coat sand faced with 1x1 cm grooves cement plaster on walls at any height consisting of 12 mm thick backing coat of C.M. 1:3 (1 cement : 3 sand) and 8 mm thick finishing coat of C.M. 1:1 (1 cement : 1 sand) etc. complete.	683.00	Smt	321.79	Three hundred twenty one rupees and seventy nine paise only	219782.57
25	Finishing wall with 100% acrylic emulsion wetherproof paint on wall surface to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete for any height as directed by Architect.	1371.63	Smt	120.26	Rupees One Hundred Twenty Paise TwentySix Only	164952.22
26	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on new wall surface to give an even shade including two coats of putty & two coats of primer of approved brand including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth for all floors as directed by Architect.	320.00	Smt	123.78	One hundred twenty three rupees and seventy eight paise only	39609.60
27	Painting (two coats) with plastic emulsion paint of approved brand and manufacture on Ceiling and sloping surface to give an even shade including two coats of putty & two coats of primer of approved brand including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth for all floors as directed by Architect.	408.00	Smt	129.46	One hundred twenty nine rupees and forty six paise only	52819.68

28	Providing and laying 600x600 mm' Polished vitrified 8 mm thick tile (soluble Salt) flooring of Standard Company pattern ,Colour and Shade laid on 20 mm thick cement mortar 1:6 (1 cement : 6 coarse sand) on new surface and jointed with coloured cement slurry including finished with flush pointing & cleaning the surface etc complete for all floors as directed by Architect or Engineer in chage.	208.00	Smt	1557.42	One thousand five hundred fifty seven rupees and forty two paise only	323943.36
29	Providing and laying Polished vitrified 8 mm thick tile (soluble Salt) of Standard Company pattern ,Colour and Shade in Skirting laid on 10 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with white cement slurry with matching pigments including cleaning etc. complete for all floors as directed by Architect or Engineer in chage.	18.00	Smt	1198.57	One thousand one hundred ninety eight rupees and fifty seven paise only	21574.26
30	P & L 600 mm x 600 mm vitrified 8 mm thick tile (Porcelin) flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismentaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for antiskit	112.00	Smt	1467.72	One thousand four hundred sixty seven rupees and seventy two paise only	164384.64
31	Providing and laying white or coloured / printed Vitrified tiles in different colors of 1st quality of Bell/johnson /Asia /Kajaria /Somani brand of 6 to 8 mm. thick and 1200 x 600 mm size in skirting, risers of step and dedo on a bed of 10 mm. thick cement mortar 1:3 (1 cement : 3 coarse sand) finished with flush pointing with match as approved by Engineer in charge.	154.77	Smt	2550.41	Two thousand five hundred fifty rupees and forty one paise only	394726.96
32	Providing and fixing sills at doors & jambs using 15 mm Imported quartz marble/Artificial Granite laid on 10 mm thick cement mortar 1:3 (1 cement:3 coarse sand) and jointing with grey cement slurry including rubbing and polishing etc. complete.	143.36	Smt	7575.00	Seven thousand five hundred seventy five rupees only	1085952.00
33	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60 mm thick with grade of concrete M300 pnumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidlines of IRC : SP 63-2018 etc. Complete.	283.00	Smt	706.90	Seven hundred six rupees and ninety paise only	200052.70

34	Providing and fixing Designo or Equivalent make pre-cast concrete kerb stone of gray cement based concrete block 60cm 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.All product Make approved as per tender and architect selection.	86.00	Rmt	1537.46	One thousand five hundred thirty seven rupees and forty six paise only	132221.56
35	Painting three coats (one coat of priming coat + two coats of enamel paint) on new steel and other metal surface with enamel paint including preparing the surface by throughly cleaning, oil, grease, dirt and other foreign matter and scoured with brushes fine steel wood, scrapers and sand paper etc. comp.	52.00	Smt	128.62	One hundred twenty eight rupees and sixty two paise only	6688.24
36	Providing and laying cement concrete 1:2:4 (1- Cement : 2-Coarse sand : 4- gradedstone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth.	30.00	Cmt	3758.19	Three thousand seven hundred fifty eight rupees and nineteen paise only	112745.70
37	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.	552.13	Smt	779.70	Seven hundred seventy nine rupees and seventy paise only	430495.76
38	Providing and fixing Double shutter Door with frame of M.S. Hollow pipe of 35 x 100 mm with shutter made from Horizontal M.S. Square pipe of 25 x 25 mm throughout of height covered with 19 mm thick water proof standard marine ply finished with both side standard decorative laminate including floor spring with 300 mm S S Aldrop, Pull handels of size 600 mm long S.S. grade 316 with two nos. of 300 mm Tower bolts and necessary fixtures & fasteners etc. complete as directed by Engineer in charge.	7.00	Smt	6522.58	Six thousand five hundred twenty two rupees and fifty eight paise only	45658.06

39	Providing and fixing 35mm thick Premium veneer finish flush door with veneer and door having standard locking system, Doors required with heavy quality premium lock set, Doors required with heavy quality four nos of hinges, concealed door closer Doors four side covers with heavy quality thick wooden battens with standard grooving on all borders, Doors both side covers with premium grade Veneer sheet with required necessary grooves, Doors all wooden part and veneer surfaces finish, All work includes required all necessary hardware and labour. Work, polishing includes cost of site installation complete as directed by architect and concern engineer in charge.	45.00	Smt	12594.37	Twelve thousand five hundred ninety four rupees and thirty seven paise only	566746.65
40	Heavy duty Aluminium two and Three track Sliding with fixed & openable window (Domal series) : Providing and fixing heavy duty aluminium window having extruded anodised colour 30 micron section by architect as per required shapes and sizes suggested by Architect Jindal/Banco/Hindalco shutter frame section 80mm x 45 mm x 1.20 mm with Shutter Section 65mm x 27mm x 1.20mm with using LAVAL or equivalent brand bearing with 2 point locking system with projected handle with comprising of hermetically-sealed 5 mm Toughen glass of size and shape as required and specified, comprising of Anodised of minimum 15 microns, shade shall be as per as per Architect's and Client approval. with all necessary accessories sliding locks, single or bubble roller (ball/pin suitable to provided in the shutters with central sealing aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window. gaps between the wall & and the frame is sealed with sealant approved make and sealing joints with clear weather silicon sealant of approved make.	31.00	SMt	8204.05	Eight thousand two hundred four rupees and five paise only	254325.55
41	Providing and Fixing fully adjustable, aluminium colour anodized glazed louvered ventilator using main frame of section No 21458 size 95 mm x 42.50 mm x 0.95 mm having weight of 0.738 kg/m, using 5 mm thick 100 mm wide transparent glass blade louver having dual controls i.e. two right and two left handles including powder coating to metal work etc. complete.	6.00	Smt	2429.05	Two thousand four hundred twenty nine rupees and five paise only	14574.30

42	Providing & Fixing 114mm wide G.I. Sheets lovers having weight not less than 490 Gm/m roll formed to create 84mm wide louver snap fixed on special shaped GI channel. Fix louvers & channels shall finished with powder coating of 55 micron (1) 0.55mm thick sheet.etc. complet as per detail drawing as directed.	28.00	Smt	3616.81	Three thousand six hundred sixteen rupees and eighty one paise only	101270.68
43	Providinf and fixing Safty grills of required pattern for windows/ Door using necessary size M.S. Square or Round bar, M.S flats and other structural steel at required spacing including cutting, welding and fabricion etc. including one coat of primer of approved quality and two coats of oil painting as per detail drawing etc complete.	1791.82	Kg	111.50	One hundred eleven rupees and fifty paise only	199787.93
44	Providing and fixing MS Ladder of required pattern with MS flats(30x3mm) or round or square bars (12mm) at required spacing & with round headed bolts and nuts or screws or welding including primer coat of approved quality and two coats of oil paintas as directed by engineer in charge	300.00	Kg	113.42	One hundred thirteen rupees and forty two paise only	34026.00
45	Providing and Fixing S. S. Railing made from Horizontal 50mm Round and 16mm x 16 G S.S. Railing Pipe and Vertical S.S. Squire Pipe 32 x 32mm with all necessary labour and Material etc. Completed.	8.00	Rmt	4675.61	Four thousand six hundred seventy five rupees and sixty one paise only	37404.88
46	Providing and fixing cera / Somany Wall hung Carnival Rimless or equivalent Series including jointing the trap with soil pipe in C.M. (1 cement : 1 fine sand) vitreous china (1 long pattern white colour with anchor fastner & soft close seat cover necessary fittings etc. complete.	6.00	No	22097.54	Twenty two thousand ninety seven rupees and fifty four paise only	132585.24
47	Providing and fixing Table top wash basin of size 550 x 450 mm in granite top and sand witch type platform as per drawing incl. moulding polishing with single hole for pillar tap incl. Providing & fixing fittings such as pillar cock, waste coupline, stop tap C.P. bottle trap etc. comp. (Cera, Nycer & Hindware).	11.00	No	26549.76	Twenty six thousand five hundred forty nine rupees and seventy six paise only	292047.36
48	Providing and fixing Half Stall Urinal or approved quality including conecting the Urinal with waste pipe , tap etc. complete. (A) White earthenware flat back or corner type size 325mm x 310mm x 420mm.CERA/CRAVYS Code No. 4020104	6.00	No	3748.79	Three thousand seven hundred forty eight rupees and seventy nine paise only	22492.74
49	Providing and fixing Jaquar / Somany Metropole flush valve or dual flush valve 40mm size with exposed shutt of provision Code FLV-1085NG/ FLV-1093N or equivalent.	14.00	No	6190.80	Six thousand one hundred ninety rupees and eighty paise only	86671.20

50	Providing and fixing Jaquar / Somany C.P. Brass Spout bib cock of heavy series with C.P. brass Nipple & brass elbow etc. complete. Code : SPJ 5463 as per directed engineer in charge.	16.00	No	3693.57	Three thousand six hundred ninety three rupees and fifty seven paise only	59097.12
51	Providing and fixing Bottle Trap CODE: ALD-CHR-769 L250X190 or equivalent (with Internal Partition) 32mm Size with 250mm Long Wall Connection Pipes & Wall Flangewith including all accassary and fitting charges etc. complete.	9.00	No	2235.94	Two thousand two hundred thirty five rupees and ninety four paise only	20123.46
52	Providing and fixing Cera Pillar Cock Cat No. F9030451 or equivalent with 15 mm dia with C.P. brass extension nipple 62 mm long etc. complete.	9.00	No	3461.27	Three thousand four hundred sixty one rupees and twenty seven paise only	31151.43
53	Providing and fixing Angle stop cock JAQUAR brand FLORENTINE CAT. NO. - 5053N or equivalent with 15 mm dia with C.P. brass extension nipple 62 mm long etc. complete.	11.00	No	1364.81	One thousand three hundred sixty four rupees and eighty one paise only	15012.91
54	Providing and fixing 5.0 mm mirror with S.S. stud on wall with all necessary screw & nuts etc. complete.	10.00	Smt	2505.93	Two thousand five hundred five rupees and ninety three paise only	25059.30
55	Providing and fixing Jaquar / Somany continental series code No. ACN Series or equivelant Towel ring with S.S. screw etc. complete.	9.00	No	1823.56	One thousand eight hundred twenty three rupees and fifty six paise only	16412.04
56	Providing and fixing Jaquar / Hindware Kubix prime series code No. AKP 35731 P series soap dish holder with s.s. screw etc. complete.	9.00	No	1823.05	One thousand eight hundred twenty three rupees and five paise only	16407.45
57	Providing and fixing Jaquar / Somany continental series code No. ACN 1151 N Toilet roll holder with S.S. screw etc. complete.	4.00	No	2230.08	Two thousand two hundred thirty rupees and eight paise only	8920.32
58	Providing and fixing Zoloto or equivalent Gun metal check or non-return fullway wheel valve.(E) 50mm dia.	3.00	No	3521.87	Three thousand five hundred twenty one rupees and eighty seven paise only	10565.61

59	Providing, Laying and jointing in true line and level U.P.V.C. 50mm pipe (SCH-80) of following dia. Including fittings as approved by Engineer-in-charge. Pipe shall be fixed on the wall with the help of Z Patti at every 2000 mm center to center or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	110.00	Rmt	1253.41	One thousand two hundred fifty three rupees and forty one paise only	137875.10
60	Providing and fixing concealed center point to wall ceiling and floor CPVC(SDR 13.5) pipe having National Sanitation Foundation (NSF) seal for potable water of following nominal dia, tube fittings and Z clamps including making good the wall ceiling and floor etc. complete. 40 mm dia.	122.00	Rmt	447.72	Four hundred forty seven rupees and seventy two paise only	54621.84
61	Providing and fixing concealed center point to wall ceiling and floor CPVC(SDR 13.5) pipe having National Sanitation Foundation (NSF) seal for potable water of following nominal dia, tube fittings and clamps including making good the wall ceiling and floor etc. complete. 25 mm dia.	85.00	Rmt	253.82	Two hundred fifty three rupees and eighty two paise only	21574.70
62	Providing and fixing concealed center point to wall ceiling and floor CPVC(SDR 13.5) pipe having National Sanitation Foundation (NSF) seal for potable water of following nominal dia, tube fittings and clamps including making good the wall ceiling and floor etc. complete. 20 mm dia.	70.00	Rmt	208.80	Two hundred eight rupees and eighty paise only	14616.00
63	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.	100.00	Rmt	876.90	Eight hundred seventy six rupees and ninety paise only	87690.00
64	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(D) 300mm	100.00	Rmt	678.02	Six hundred seventy eight rupees and two paise only	67802.00

65	Providing, laying and jointing in true line and level 160 diameter U.P.V.C (Type B) conforming to IS13592-1992 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 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.	65.00	Rmt	834.38	Eight hundred thirty four rupees and thirty eight paise only	54234.70
66	Providing and fixing in PVC SWR cowel went 110mm dia to pipes.(B) 110mm dia.	10.00	Nos	28.48	Twenty eight rupees and forty eight paise only	284.80
67	Supplying and Fixing Z patti type G.I.Brackets for SWR/RWR/Water supply Plumbing (down take) pipe with GI Clamp and Necessary Fastenrs .	30.00	No	243.71	Two hundred forty three rupees and seventy one paise only	7311.30
68	Providing and fixing S.S. Cup Type Nahni Trap of Standard quality or it's equivalent including cutting hole and self clean design itc completed as directed.	10.00	No	1033.74	One thousand thirty three rupees and seventy four paise only	10337.40
69	Providing and fixing square mouth trap P or S type of 150 mm x 100 mm size SW gully trap with C. I. cover with frame of 300 mm x 300 mm size (inside) with standard weight.	6.00	No	1246.92	One thousand two hundred forty six rupees and ninety two paise only	7481.52
70	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 flange compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(F) 75mm	60.00	Rmt	280.23	Two hundred eighty rupees and twenty three paise only	16813.80

71	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20 mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50 mm size) inside plastering 15 mm thick with Cement Mortar 1:3 (1-Cement : 3-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-cement : 2-Coarse sand :4-stone aggregate 20 mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.) (A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (1) A type depth 0.90 Metre for 150mm diameter sewer.	2.00	No	11042.74	Eleven thousand forty two rupees and seventy four paise only	22085.48
72	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm2 in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions, total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slabe with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(iii) Inside dimensions 600mm x 850 mm and 450mm deep for pipe lines with three or more inlets.	10.00	No	7180.44	Seven thousand one hundred eighty rupees and forty four paise only	71804.40
73	Extra over items 24.44 for every additional depth of 0.1M. Of part thereof beyond 450mm depth for Brick masonry chamber.(iii) for 600mm x 850mm size.	10.00	No	325.59	Three hundred twenty five rupees and fifty nine paise only	3255.90
74	Charges for making holes from 50mm to 160 mm dia in RCC wall, slabs or any other RCC members or Brick work by diamond core cutting machine of HILTI or equivalent including disposing the debris. For all floors .	10.00	No	858.50	Eight hundred fifty eight rupees and fifty paise only	8585.00
75	Providing and fixing Sintex / Kaka Triple layer tank of series CCWS of required capacity with all necessary fittings & connection etc. complete.	5000.00	Litre	11.65	Eleven rupees and sixty five paise only	58250.00

76	Providing and fixing 50 mm dia copper metal ball cock of approved quality as directed.	2.00	No	189.84	One hundred eighty nine rupees and eighty four paise only	379.68
77	Providing and fixing dry chemical powder type fire extinguishers of 5 kg/Capacity of approved make with ISI mark (IS 2171) etc as directed	6.00	NOs	3556.84	Three thousand five hundred fifty six rupees and eighty four paise only	21341.04
78	Providing and fixing carbon dioxide type fire ext 4.5KG capacity of approved make with ISI mark	6.00	NOs	5236.90	Five thousand two hundred thirty six rupees and ninety paise only	31421.40
79	Providing and fixing in position 300mm high, 150mm wide English / Gujarati letters made from 1.0mm thick stainless steel sheet as directed by Engineer-in-charge with all necessary tools & plants etc. complete.	80.00	No	1313.00	One thousand three hundred thirteen rupees only	105040.00
80	Design, supply & installation of Name/Number Plate including lettering made of polyvinyl of approved color on 1 mm thick stainless steel (SS 304) sheet as approved by Architect or Engineer-in-charge. For all floor	1.00	Smt	9437.44	Nine thousand four hundred thirty seven rupees and forty four paise only	9437.44
81	Design, supply & installation of Signages including normal lettering with additional raised tactile and graphical symbols, height 15 mm to 55 mm Brailled text and Braille locator made of zink sulphide based glow in the dark rigid sheet with high luminous property enclosed in a transperent weather proof U/V stabilised plastic pasted on 3 mm thick clear acrylic sheet sheet.	11.00	Smt	5850.83	Five thousand eight hundred fifty rupees and eighty three paise only	64359.13
82	Providing and fixing polished 18 mm thick black granite with full round edge and double side polished of approved quality in between urinal and fixing with cement slurry & adhesive including moulding of both exposed edges as directed by engineering in charge etc. complete.	2.00	Smt	2070.40	Two thousand seventy rupees and forty paise only	4140.80
83	Pro. And fixing single layer water proof gypsum board 12.5 mm thick sections using water proof board of size 1220 mm x 1830 mm x 8.0 mm suspended by GI suspender channel of size 25 mm x 3 mm with intermediate channel og size 18 mm x 40 mm x 0.8 mm at 1220 mm center to center ceiling section of size 40 mm x 35 mm x 0.55 mm at 457 mm c/c and perimeter channel A of size 20 mm x 27 mm x 30 mm x 0.5 mm at edges & drops incl.paper tap sand sofit cleat, anchor fastener, scoch bolt connecting cleat,joining compound top coat on ceiling incl.making necy.opening for light fitting,diffuser etc. comp. as per detail drawing as directed	18.00	Smt	606.95	Six hundred six rupees and ninety five paise only	10925.10

84	Providing and fixing chicken mesh jali with square of 25 gauge at junction the masonry and RCC member including necessary scaffolding, labour etc.complete for all floors.	54.00	Smt	228.06	Two hundred twenty eight rupees and six paise only	12315.24
85	16mm Rebar, excluding bar. It should minimum 160mm embedded in concrete, drill dia. Should be minimum 20mm for rebar, material should be used Will Fischer FISV 360 or equivalent. (Pull out strength check should be given by contractor as per technical specification.	25.00	No	365.72	Three hundred sixty five rupees and seventy two paise only	9143.00
86	Add for more consumption of cement due to change in concreting of controlled / RMC cement concrete of any grade in R.C.C. members like column footings, columns, beams, pardi, vertical and horizontal fins etc. instead of controlled / RMC cement concrete M200 / M250 / M300 / M350 as per design mix with compare to cement consumption given in special condition including loading, unloading, stacking and labour charges for using in mixer machine for concreting etc. complete.	3000.00	Kg	5.28	Five rupees and twenty eight paise only	15840.00
87	Providing and fixing 19 mm plywood shelf with both side laminated sheet in cupboards with necessary teakwood beading etc. complete.	0.40	Smt	2069.41	Two thousand sixty nine rupees and forty one paise only	827.76
88	Providing & fixing Roller blind of Jute having thickness 0.35 mm thick with acrylic coating etc. complete.	2.30	SMt	2918.11	Two thousand nine hundred eighteen rupees and eleven paise only	6711.65
89	Providing and fixing 8 mm Laminated wood flooring with Floor covering adhesives in line and level etc. complete.	32.70	SMt	4144.23	Four thousand one hundred forty four rupees and twenty three paise only	135516.32
90	Providing and fixing Arabian curtain made from standard fabric range Rs. 1200/Rmt with double combination stitching part, Ring curtain is includes with Arabian alluminium powder coated Channel with required necessary hanging clamps, Sockets and necessary hardware, Curtain required with blackout back side premium quality combination fabric.All work includes with required necessary fabric and hardware and stitching material.Work cost will includes with site installation complete as directed by concern Architect and engineer in charge.	2.90	SMt	5377.49	Five thousand three hundred seventy seven rupees and forty nine paise only	15594.72

91	Providing and fixing in true horizontal level 600 mm x 600 mm false ceiling using hot dipped galvanized steel section, Exposed surface with and capping, main tee of size 32 x 15 mm., having 0.25 mm gauge at every 1200 mm. center to center maximum and rotary stitched cross Tee of size 32 x 15 mm Having 0.27 mm gauge at every 600 mm C/C. The above grid is suspended at every 1200 mm C/C. in both directions using 2.00 mm. Thick pre traightened GI wire laying adge ceiling tiles of size 600 x 600 mm having NRC 0.55. with two side gypsum ceiling patta etc. comp.	32.70	SMt	1844.86	One thousand eight hundred forty four rupees and eighty six paise only	60326.92
92	Providing & fixing Interior Zebra Roller blind having thickness 0.35 mm thick with acrylic coating etc. complete.	25.40	SMt	7108.75	Seven thousand one hundred eight rupees and seventy five paise only	180562.25
93	Providing and Fixing S.S. Name Plate of 1.20mm (18 Gauge) With Lettering & necessary Screw & Fitted on Wall in Line and Level etc. Complete.	0.30	SMt	17826.50	Seventeen thousand eight hundred twenty six rupees and fifty paise only	5347.95
94	THREE SEATER SOFA:- Providing Material & Labour charges for making three sweater sofa as per given detail drawings. depth of seat is 850 mm to 900 mm & length 2400 mm & ht 425 mm. All "L" type supports & Top Bottom boxes made by 18mm Thk. Ply Wood. back rest of soffa (675 mm ht) made by 18 mm Thk. Ply Wood Seat area of sofa cover with 100 mm (40 density) 45 mm soft foam & above it 25 mm u foam finished with composite lather. On back rest covers with 45mm soft + 45 mm foam, Hand rest & bottom front is covered with 25 mm foam having 32 density, as shown in detail drawing. Having 75 mm deep ss legs of 7 nos. The foam is surrounded with the layer of composite lather for softness and as finishing material. Complete with all hardware like MS nails, SS-304 screws, Majarpat, spring, stapler, putta-pati, adhesives, SR, etc.	3.00	NO	54009.75	Fifty four thousand nine rupees and seventy five paise only	162029.25

95	<p>CORNER TABLE Solid wood Corner table ,Made from teakwood with chemical treatment, Wood must be seasoned and passed out from chemical treatment,Corner table with four nos solid wooden legs and table top with 12mm thick clear toughned glass / 4mm thick veneer finish top with 19mm thick BWP plywood, Table all wooden part finish with malamine polish.Table having one nos of shelves and properly fixed with wooden legs.Table size is 600 x 600 x 450h complete as per drawing given by architect & direction given by Engineer in charge.</p>	1.00	NO	11556.93	Eleven thousand five hundred fifty six rupees and ninety three paise only	11556.93
96	<p>CENTER TABLE Solid wood Center table ,Made from teakwood with chemical treatment, Wood must be seasoned and passed out from chemical treatment,Center table with four nos solid wooden legs and table top with 12mm thick clear toughned glass / 4mm thick veneer finish top with 19mm thick BWP plywood, Table all wooden part finish with malamine polish.Table having onenos of shelves and properly fixed with wooden legs.Table size is 1050 x 600 x 450h complete as per drawing given by architect & direction given by Engineer in charge.</p>	1.00	NO	16841.75	Sixteen thousand eight hundred forty one rupees and seventy five paise only	16841.75
97	<p>PREMIUM MEDBACK REVOLVING CHAIR Providing and fixing Medium Back chairs made of 1" ERW pipe of 16 gauge seat and back is made of 12 mm hot press single ply and provided with 40/50 & 23 density 12 mm pure foam (Feather foam make) and covered with premium quality of leather/fabric. The chair with duo colour fabric combinations as per EIC / Architect. The chair shall be provided with 120mm BIFMA Passed gas lift and conventional tilt mechanism with one lever control for lock and seat height adjustment. Plate thickness shall 2.5 mm and angle is 3~18 (BIFM Passed) with poly urethane one pipe handle and nylon base having 1359 kg weight capacity as per BIFM standard.all the metal parts of the chair are pre treated prior to powder coating/chrome.size 675X675X1165mm . seat ht: 440/540mm.</p>	32.00	No	18988.00	Eighteen thousand nine hundred eighty eight rupees only	607616.00

98	<p>PREMIUM HIGHBACK REVOLVING CHAIR</p> <p>Providing and fixing High Back chairs made of 1" ERW pipe of 16 gauge seat and back is made of 12 mm hot press single ply and provided with 40/50 & 23 density 12 mm pure foam (Feather foam make) and covered with premium quality of leather/fabric. The chair with duo colour fabric combinations as per EIC / Architect. The chair shall be provided with 120mm BIFMA Passed gas lift and conventional tilt mechanism with one lever control for lock and seat height adjustment. Plate thickness shall 2.5 mm and angle is 3~18 (BIFM Passed) with poly urethane one pipe handle and nylon base having 1359 kg weight capacity as per BIFM standard.all the metal parts of the chair are pre treated prior to powder coating/chrome.size 675X675X1165mm . seat ht: 440/540mm.</p>	6.00	No	24745.00	Twenty four thousand seven hundred forty five rupees only	148470.00
99	<p>Providing and Arranging fix chair having structure of CRCA M.S. pipe 20mm dia and 16 guage with 50 micron powder coated of approved seat and back 40 density PU foam covered with fabric of approved shade and texture with one year replacement warranty. Wooden armrest to be provided as per approved design. Complete chair should be in suitable shape including all materials and labours etc. complete as per drawing and instruction of engineer-in charge. Visitor Chair</p>	2.00	No	8420.88	Eight thousand four hundred twenty rupees and eighty eight paise only	16841.76
100	<p>Providing and Fixing Side/Back Storage unit made of pre-lam particle board of grade-2 interior grade, top of storage will be made in 25mm PLPB with all 4 side fixed with 2mm PVC edge band tape, carcass, shelf and doors shall be made of 18mm PLPB, 2mm PVC edge band tape shall be pasted on doors and rest of the storage exposed edges will be pasted with .8mm PVC edge band tape and back shall be in 9mm PLPB. Storage shall be made in complete knock down form and for installation of the same there will be provision of proper punching to fix mini-fix and cam fittings, for providing the strength dowels shall be fixed at suitable distance between mini-fix fittings, there will be 2 nos. swing openable shutters to be fixed with auto closed hinges, multi-purpose lock and SS finish handles shall be fixed on the shutters, all required hardware will be of EBCO/HETTICH/HAFELE or equivalent Make UPPER 2 DRAWER SLIDE ON TELESCOPIC CHANNEL + BELOW 2 OPENABLE SWING SHUTTER)</p>	59.10	Smt	18296.15	Eighteen thousand two hundred ninety six rupees and fifteen paise only	1081302.47

101	Providing and fixing Two Seater Waiting sofa Overall Size 1190W ±10 x 670D ±10 x 785H ±10 , Seat Height 425mm , Seat & Back made of 1.2mm thick perforated sheet metal duly powder coated , seat & back cushioning made of Wooden Structure 6mm Ply (Hot Pressed) with foam upholstered With Leatherette , Seat & back made of CRCA Sheet Perforated (Base & Back Are In Single L Shape With Radius At Bend) Powder Coated In Silky Silver & Covered By Cushion , Height of the seat from floor 425mm, Beam MS ERW Rectangular Tube Black Powder Coated , Leg Chrome Plated Rectangular MS Structure , Bow Shaped 1.2mm Thick Sheet , 1.2mm Thick Arm Rest Chrome Plated Rectangular MS Structure , Perforated Seat & Back fixed with MS Brackets duly powder coated , Beading Chrome Plated Ms Channel Beading , Level Adjuster Chrome Plated MS Cap With PVC Inserted Black Colour , All Pipes Shall Be Welded Properly Strongly and conformity with regulations .	6.00	No	34786.93	Thirty four thousand seven hundred eighty six rupees and ninety three paise only	208721.58
102	Providing and Arranging One seater sofa made from 100mm thick 40 density foam with 25mm supersoft HD Covered for softness. Seat to be kept on high Density nylon elastic belt inside framing size 50mm x 37mm support armrest, legs and outer Frame having size 80mm x 37mm with inner brace between armrest and seat frame having Size 25mm x 50mm as showing the Photographs. Back 80mm thick 40 density foam with 12mm thick supersoft HD covered for softness. Seat and back covered with Fabric approved shade and wooden armrest Including all materials. Hardware and labours etc. Completes as per drawing/Photographs & details and as Directed by Engineer - in - charge. 1 Seater Sofa Size :- 700mm X 750mm x 900mm(H)	1.00	No	27992.15	Twenty seven thousand nine hundred ninety two rupees and fifteen paise only	27992.15
103	Providing and Fixing Table made of pre-lam particle board of grade-2 interior grade, top of table will be made in 25mm PLPB with all 4 side fixed with 2mm PVC edge band tape, Gable end and modesty shall be made of 18mm PLPB, 2/.8mm PVC edge band tape shall be pasted on exposed edges will be pasted. Table shall be made in complete knock down form.	8.60	Smt	37370.00	Thirty seven thousand three hundred seventy rupees only	321382.00

104	Workstation structure should made with 50 x 50 ms 16 gauge pipe and horizontal support mamber made with 50 x 25 ms pipe, race way and modesty made with 20 gauge crc perforated sheet with 50 to 60 micron powder coated. Screen above Work Top Screen should made with 30mm aluminum sections and provide fabric with soft board, or magnetic board and half provided white marker or back painted glass	14.70	Smt	35855.00	Thirty five thousand eight hundred fifty five rupees only	527068.50
105	DOUBLE BED IN LAMINATE Providing & Fixing double bed with made from 19mm thick BWP Grade Plywood with Outer Side 1mm thick Lainate and inside 1mm thick white backing laminte, Double bed head board with 50mm thick 40 density cushion bed back which covered with standard fabric, Bed sides and legboard made from 18mm thick BWP grade plywood with outer side 1mm thick laminate and inside 1mm thick white backig lamnate. Bed Metress Ply base from 12mm thick BWP Grade Plywood with both side backing lamination and with support of 2" x 2" clear teak wood wood battens and malamine polish. All wooden panels are covered with teak wood battens with malamine polish. Bed with head and leg panels as per given design . complete as per drawing given by architect & direction given by Engineer in charge.	1.90	Smt	16841.75	Sixteen thousand eight hundred forty one rupees and seventy five paise only	31999.33
106	MARBLE TOP DINNING TABLE Solid wood Dinning table ,Made from teakwood with chemical treatment, Wood must be seasoned and passed out from chemical treatment,, Dinning table is made from totally solidwood with 18mm thick plywood top with 38mm thick Italian Finish Top, ,25mm thick PVC bufferes are fitted with the legs, Dinning table finish with malamine polish, Table size is complete as per drawing given by architect & direction given by Engineer in charge.	1.90	Smt	40299.00	Forty thousand two hundred ninety nine rupees only	76568.10
107	DINNING CHAIR Solid wood Dinning chair ,Made from teakwood with chemical treatment, Wood must be seasoned and passed out from chemical treatment, Chair seat finish with 75mm thikcushioncovered with standard and premium quality fabric, Chair with 25mm thick Pvc buffers , chairs all joint finish with airadlite lapi, Chair all wooden part finish with malamine polish. complete as per drawing given by architect & direction given by Engineer in charge.	4.00	No	10221.20	Ten thousand two hundred twenty one rupees and twenty paise only	40884.80

108	DOUBLED BED FOAM MATTRESS Mattress made from Bonded foam with softy sandwich layer, Foam mattress made from standard quality bonded foam of 100mm thick with 50 mm thick softy foam which is from standard make, Both foam are fix with standard glue with both side kwilted cotton fabric cover, Bed all edges are stitch with pipeing finish with standard finishing, Cotton kwilt of Dark colour decorative shade require. mattress thickness shall be 6"	1.90	Smt	11591.77	Eleven thousand five hundred ninety one rupees and seventy seven paise only	22024.36
109	Providing and fixing pannelling with using aluminium Pipe 50 x 25mm framing, 12mm Plywood, Fluted Pannel / Lamination / Veneer with solid wood moulding etc. Completed. All work includes required all necessary hardware and labour. Work includes cost of site installation complete as directed by architect and concern engineer in charge.	4.80	SMt	8764.75	Eight thousand seven hundred sixty four rupees and seventy five paise only	42070.80
110	Providing and fixing Dry wall partition of 75 mm thick Gypsteel Ultra™ stud partition which includes one layer of tapered edge 12.5 mm thick Gyproc® Duraline (Conforming to EN 520:2004, Type D,F, I & R) is screw fixed with drywall Screws of 25 mm at 300mm Centers to either side of 70 mm Gypsteel Ultra™ C stud (0.5mm thick having one flange of 34 mm and another flange of 36mm made of GI steel) placed at 610 mm center to in 72 mm Gypsteel Ultra™ floor and ceiling channel (0.5 mm thick have equal flanges of 32 mm made of GI steel). which is anchored to the floor & ture ceiling using suitable anchor fasteners or metal screws with nylon plugs. The boards are to be fixed to the frame work with joints staggered to avoid leakage through joints. Finally square and tapered edges of the boards are to be jointed and finished so as to have flush look which includes filling and finishing with Gyproc jointing compound and Gyproc joint paper tape (as per recommended practices of saint-Gobain Gyproc India).	5.80	SMt	3014.84	Three thousand fourteen rupees and eighty four paise only	17486.07
111	Providing & fixing rubber-/Antiviral /Antibacterial/ Vinyle coated washable imported texture wallpaper apply on smooth wall with necessary solutions as directed by E.I.C.	4.80	Smt	2357.85	Two thousand three hundred fifty seven rupees and eighty five paise only	11317.68
112	Providing and fixing Aluminium Anodised profile shutter with 4mm plain glass & 75 mm imported hydraulic hinges & necessary fittings etc. completed.	1.00	SMt	10741.70	Ten thousand seven hundred forty one rupees and seventy paise only	10741.70

113	Providing & fixing alluminium partition using 63 x 38 1.3 mm thick partition section 25 x 25 x 3 mm jointing angle 19 x 12 x 1.26 mm glazing clip 5 mm thick sanit gobbin glass / Partical board, heavy rubber gasket including powder coating to all alluminium sections, including all labour, materials etc. complete.	1.00	Smt	2815.94	Two thousand eight hundred fifteen rupees and ninety four paise only	2815.94
114	Providing & fixing alluminium door shutter using 63 x 38 x 1.30 mm frame, 114.5 x 44.5 x 1.5 mm bottom rail, 84 x 44.5 x 1.30 mm style, top & middle 25 x 25 x 3 mm jointing angle, 19 x 12 x 1.25 mm glazing clip, 5mm sanit gobbin glass including heavy rubber gasket stainless steel hinges, lock & floor spring and colour anodized to all alluminium sections including all labour, material etc. complete.	1.00	SMt	3892.59	Three thousand eight hundred ninety two rupees and fifty nine paise only	3892.59
115	Providing & fixing of 6 mm thick Bison pannel with neccessarry alluminium pipe framing on backside with necessary screw, bolts & nuts etc. complete.	1.00	Smt	1936.36	One thousand nine hundred thirty six rupees and thirty six paise only	1936.36
116	Providing and fixing 10mm thick toughen glass partition with clip connector and necessary accessories with jointing with silicon etc. complete.	1.00	Smt	7895.29	Seven thousand eight hundred ninety five rupees and twenty nine paise only	7895.29
117	P/F S. S. Sink of size 37" x 18" x 8" Bowl sink with Drain Board Silver, chrome finish with fitting etc. completed.	1.00	Smt	9292.00	Nine thousand two hundred ninety two rupees only	9292.00
118	Providing and fixing S.S. 8mm Glass shelf of size 12" x 6" approved quality and design & etc. complete.	0.30	Nos	1167.31	One thousand one hundred sixty seven rupees and thirty one paise only	350.19
119	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed upto 50Mt.lead.	109.00	Cmt	109.24	One hundred nine rupees and twenty four paise only	11907.16
120	Providing and laying wet mix macadam base course 250 mm thick in two layers using machine crushed B.T. chips as per required gradation mixing with required optimum quantity of water, conveying the mix to site of work, spreading in to grade and camber with mechanical paver and consolidation each layer with vibratory roller including cost of material labour plant and equipment etc. complete.	49.00	Cmt	1599.84	One thousand five hundred ninety nine rupees and eighty four paise only	78392.16

121	Compaction and finishing of cement concrete road by trimix process providing extra Labour charges for the trimix vacume dewatering service process on cement concrete road surface by using vacuum dewatering pump floater surface vibrator including making groves and rough finish to surface including leveling etc complete.	230.00	Smt	63.63	Sixty three rupees and sixty three paise only	14634.90
122	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 including Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint as per Engineer in charge.	3780.00	kg	97.60	Ninety seven rupees and sixty paise only	368928.00
123	Providing and fixing pre-coated corrugated G.I. sheet of class-3 roofing fixed with glavanished iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.50 mm thick sheet.	194.00	Sqmt	1575.10	One thousand five hundred seventy five rupees and ten paise only	305569.40
124	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30 cm length, 30 cm height and 15cm thick of M200 grade concret as per approved design and including excavation for fixing in proper line and level, filling the joint with C:M 1:3 (1 cement : 3 fine sand) etc complete.	110.00	Rmt	397.53	Three hundred ninety seven rupees and fifty three paise only	43728.30
125	Removing and scraping of old deteriorated plaster of any thickness from wall / R.C.C member including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift	693.14	Sq.m	20.55	Twenty rupees and fifty five paise only	14244.03
126	Demolition of Brick Work and stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift (ii) In Cement Mortar	381.26	Cu.m	577.92	Five hundred seventy seven rupees and ninety two paise only	220337.78
127	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift (A) RCC Work	70.41	Cu.m	1110.75	One thousand one hundred ten rupees and seventy five paise only	78207.91
128	Dismantaling tiled of stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	1084.82	Sq.m	50.11	Fifty rupees and eleven paise only	54360.33

129	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(i) Not exceeding 3 Sq.M. in area.	142.56	Each	197.09	One hundred ninety seven rupees and nine paise only	28097.15
130	Dismantling C.I. pipes G.S.W.pipes abd A.C. rain water pipes with fittings and clamps including stacking the materials with all lead and lift (for any dia, of pipe)	225.80	Rmt	78.51	Seventy eight rupees and fifty one paise only	17727.56
131	Dismantling santtary fittings like wash basin . W.C. Pan Indian and European type, flushing tank etc. Including stacking the materials with all lead and lift.	20.00	Each	425.93	Four hundred twenty five rupees and ninety three paise only	8518.60
132	Scraping oil paint from steel and other metal surface and making the surface even (with Hand Scraping.)	741.03	Sq.m	51.78	Fifty one rupees and seventy eight paise only	38370.53
133	Dismantalling Steel Work including distempering and stacking the materials with all lead and lift	540.87	Kg	3.85	Three rupees and eighty five paise only	2082.35
134	20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.	551.55	Sq.m	315.69	Three hundred fifteen rupees and sixty nine paise only	174118.82
135	Providing 10 mm thick cement Mala plaster in single coat on ceilings & soffits for interior plastering upto floor two level and finished even and smooth in (ii) Cement Mortar 1:3 (1 Cement : 3 Fine Sand)	11.52	Sq.m	161.36	One hundred sixty one rupees and thirty six paise only	1858.87
136	Removing dry or oil bound distemper by a washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete.	779.37	Sq.m	11.87	Eleven rupees and eighty seven paise only	9251.12
137	Applying two coats Birla or Asian acrylic lappi (putty) on wall / ceiling surface by using two coats of primer of approved brand and preparing the surface even and smooth for colour work.	779.37	Sq.m	40.59	Forty rupees and fifty nine paise only	31634.63
138	Wall painting (Two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	779.37	Sq.m	83.18	Eighty three rupees and eighteen paise only	64828.00
139	Wall painting (two coats) with Royale luxury emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	36.35	Sq.m	264.08	Two hundred sixty four rupees and eight paise only	9599.31

140	Painting two coats (excluding priming coat) on previously painted steel and other metal surface with enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	174.80	Sq.m	111.09	One hundred eleven rupees and nine paise only	19418.53
141	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleaning the surface of all dirt, dust and other foreign matter.	36.07	Sq.m	92.20	Ninety two rupees and twenty paise only	3325.65
142	Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paint, interior to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping.	25.00	Sq.m	92.38	Ninety two rupees and thirty eight paise only	2309.50
143	Painting one coats (excluding priming coat) on previously painted wood and wood based surface with enamel paint, to give an even shade including cleaning the of all dirt, dust and other foreign matter.	20.00	Sq.m	113.43	One hundred thirteen rupees and forty three paise only	2268.60
144	Polishing with melamine polish over existing wood and wood based surface to given even surface including cleaning oil, grease, dirt and sand papered smooth and including a coat of wood filler.	12.39	Smt	505.25	Five hundred five rupees and twenty five paise only	6260.05
145	Applying Smooth/Metalic texture paint of heavy bodied water based acrylic paint apply with a roller trowel or sponge depending a textured finish on interior walls & providing decorative appearance with all material & labour etc. compled.	3.78	Smt	882.02	Eight hundred eighty two rupees and two paise only	3334.04
146	Providing and fixing door having side hung single shutter having factory fabricated std. Extruded aluminium colour anodized hollow section {Section 63.50 x 38 mm x 2.50 mm thick } for door frame, hollow portion of door frame shall be filled with non teakwood wood, with factory made 35 mm. Thick flush door both side 1 mm thick pre laminated with knob lock as per detail colour & pattern apporoved by this office including necessary anodized alluminum fixtures and fastenings.	25.98	Smt	3366.15	Three thousand three hundred sixty six rupees and fifteen paise only	87452.58
147	P & L 396 X 396 ceramic tiles 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete	11.52	Smt	1704.31	One thousand seven hundred four rupees and thirty one paise only	19633.65

148	Providing and laying 600 x 600 Full body Vitrified 16 mm thick tile skirting, over 20mm. (average) base of cement mortar 1:6 (1 cement :6 coarse sand) or L.M. 1:1.5 laid and making 5mm Spacer all around tiles and filling with epoxy materials etc. complete.	10.00	Smt	2894.32	Two thousand eight hundred ninety four rupees and thirty two paise only	28943.20
149	Providing & Fixing Sandwich type Platform of 600 mm wide using Top 18 mm thick granite of approved shade and sample and bottom 25 mm thick single side Polished kota stone with 25 mm thick screed of cement mortar 1:3 With granite Facia Patti and vertical End granite supports. The stone shall be fixed by chassing in to the wall surface and supported vertically with 25mm thick sandwich kota stone support including SS Sink of size 610 x 460 mm waste brass coupling, stainless steel extension nipple, flexible PVC outlay pipe, Hindware Sink cock with Casted Swinging Spout F100034 etc complete as suggested by Architect/Engineer -in-charge.	4.50	Sq.m.	7046.81	Seven thousand forty six rupees and eighty one paise only	31710.65
150	Providing and fixing one piece made from 18 mm thick granite shelves in cupboard using approved adhesive to adhere two granite slab having half round moulding and fixed with masonry / R.C.C. member with three sides jari of required size and depth including finishing with cement mortar 1:1 (1 cement : 1 coarse sand) making good the wall / R.C.C member in the line and level etc. complete as per detailed drawing.	10.51	Smt	3393.42	Three thousand three hundred ninety three rupees and forty two paise only	35664.84
151	Providing and fixing cast iron (Spun) Nahni trap of the following nominal diameter of self cleaning design with C.I. screaed down or hinged grating including cost of cutting and making good the walls and floor 100mm inlet and 50mm outlet.(C) 100mm dia.	5.00	Each	885.25	Eight hundred eighty five rupees and twenty five paise only	4426.25
152	Providing and fixing PVC SWR Nahni trap IS 14735 for drain -75 mm diameter with jail of the following nominal diameter of self cleaning design wit C.I. scread down or hinged grating including the cost of cuttiong and making good the wall.	5.00	Each	586.27	Five hundred eighty six rupees and twenty seven paise only	2931.35
153	Providing and fixing colour wash down water closet Orissa type W.C. pan with integral p or s trap jointed with C.I. pipe in C.M 1:1 etc. complete. (Cera, Nycer, Hindware).	6.00	Each	3288.02	Three thousand two hundred eighty eight rupees and two paise only	19728.12

154	Providing and fixing wash down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand) (Seal and cover to be measured and paid for separately)(A) vitreous China Pattern :(i) in white colour	6.00	Each	4361.92	Four thousand three hundred sixty one rupees and ninety two paise only	26171.52
155	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	35.00	Rmt	72.65	Seventy two rupees and sixty five paise only	2542.75
156	Providing laying and jointing in true line and level 25 mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	40.00	Rmt	91.84	Ninety one rupees and eighty four paise only	3673.60
157	Providing laying and jointing in true line and level 32 mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	40.00	Rmt	119.15	One hundred nineteen rupees and fifteen paise only	4766.00
158	Providing laying and jointing in true line and level 40 mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	30.00	Rmt	148.12	One hundred forty eight rupees and twelve paise only	4443.60
159	Providing and fixing Jaquar / Somany C.P. Brass angle Cock / Conceal Cock of Fonte / Vignette series with C.P. brass Nipple & brass elbow etc. complete. Code FLR 5053N/ FUS 29053	2.00	NOs	2212.66	Two thousand two hundred twelve rupees and sixty six paise only	4425.32

160	Providing & fixing C.P. brass heavy hand faucet of approved quality. etc. complete.	4.00	NOs	2352.04	Two thousand three hundred fifty two rupees and four paise only	9408.16
161	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300 mm x 300 mm Size (inside) with standard weight (i) Square mouth traps. (A) 100 mm x 100 mm size - P type.	4.00	No.	1292.19	One thousand two hundred ninety two rupees and nineteen paise only	5168.76
162	Providing and fixing Gun metal check or non-return fullway wheel valve.(A) 15mm dia.	4.00	Each	186.83	One hundred eighty six rupees and eighty three paise only	747.32
163	Providing and fixing Gun metal check or non-return fullway wheel valve.(B) 20mm dia.	4.00	No.	203.82	Two hundred three rupees and eighty two paise only	815.28
164	Providing and fixing Gun metal check or non-return fullway wheel valve.(C) 25mm dia.	2.00	Each	420.63	Four hundred twenty rupees and sixty three paise only	841.26
165	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	33.20	Rmt	339.05	Three hundred thirty nine rupees and five paise only	11256.46
166	Providing, laying and jointing in true line and level 160 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 160 mm diametre 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.	60.00	Rmt	834.38	Eight hundred thirty four rupees and thirty eight paise only	50062.80

167	Providing and Fixing WPC door with frame with 100 x 45 mm frame hollow WPC (wood plastic Composite) door frame wrapped with 0.14 to 0.20 mm PVC film & 32 mm doors with both side laminate, with matching shade of PVC wrapping including 3.15 mm exterior grade HDF door Skin with tubular particle board (from Saurland Spanplatte Germany) / 55 ++ mm on all 4 sides with imported dried pinewood (USA) / inner frame Dynea PF thermosetting glue from norway.	12.77	Smt	9233.93	Nine thousand two hundred thirty three rupees and ninety three paise only	117917.29
168	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 63.50 x 38.10 x 1.95 mm,@ Wt 1.094 Kg / Rmt, horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm @ wt.of 0.695 Kg/mt, vertical member of size 61.85 mm x 31.75mm x 1.30 mm @ wt.of 0.659 Kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt, vertical member of size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt, @ Wt. 0.457 Kg/mt with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	64.28	Smt	1713.70	One thousand seven hundred thirteen rupees and seventy paise only	110156.64
169	Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm,@ Wt 1.094Kg / Rmt with colour anodized alluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for Fix window.	7.84	Smt	1301.82	One thousand three hundred one rupees and eighty two paise only	10206.27
170	Providing and fixing standared extruded of alluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section :2434, @ Wt. 0.643 Kg/mt) with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	11.81	Smt	1175.56	One thousand one hundred seventy five rupees and fifty six paise only	13883.36
171	Providing & laying terracota clay roofing tiles having interlocking arrangment for fixing on slopping roof on 10 mm thick cement mortar 1 :3 (1 cement : 3 coarse sand) and jointed with grey cement slurry including necessary scaffolding upto 10 mtr height etc. complete.as directed by engineer-in-charge.	218.40	Smt	1359.24	One thousand three hundred fifty nine rupees and twenty four paise only	296858.23

172	Providing and laying Heavy duty reinforced acrylic water proofing Coating cover on existing ips flooring through authorised application of pidilite Industries Ltd. Using one coat of Dr.Fixit Premiseal and two coats of Dr.Fixit new coats in different colours including the repairing of surface crackes,damaged portion,sharpedged flooring etc.by means of polymer modified screed and filled with Dr.Fixit crack or Dr.Fixit unifiller or polymer modified motar in wider crackes including surface cleaning,washing and removing dust,dirt oil,grease and loose particle etc.prior to laying of water proofing treatements etc.including all aterial,labours,tools, machinary,taxes,etc. complete or as dircted by engineer by Engineer-in-charge or manufacturer's specification.	54.00	Smt	412.95	Four hundred twelve rupees and ninety five paise only	22299.31
173	Providing and fixing Jaquar / Somany C.P. brass concealed body for single leyer high flow divertor with batten assembly code No. ALD-079N/ARC 87065C	1.00	Nos	5128.02	Five thousand one hundred twenty eight rupees and two paise only	5128.02
174	Providing and fixing Jaquar / Somany Florentine series single lever exposed parts of hi flow Divertor consisting of operating lever etc. completed.	1.00	Nos	4512.43	Four thousand five hundred twelve rupees and forty three paise only	4512.43
175	Providing and fixing Jaquar / Somany overhead shower round shape single flow chrome plate code No. OHS 1789 / 1759 & shower Arm SHA (487) 190 mm long light body round shape for wall mounted shower with flange etc. complete.	1.00	Nos	6423.10	Six thousand four hundred twenty three rupees and ten paise only	6423.10
176	Providing & fixing Frosted Film on glass in line & level etc. complete.	1.00	SMt	1016.31	One thousand sixteen rupees and thirty one paise only	1016.31
177	Providing and fixing C.P brass wall mixture three in one cock 15mm dia. With center point (Jaquar/Cera brand RUBBY or victor code CHR5281PM make equivalent brand) as per E.I.C.	1.00	NOs	9988.90	Nine thousand nine hundred eighty eight rupees and ninety paise only	9988.90
178	Providing & fixing 2.0 mm thick FRP plain or color sheet fixing with M.S. square pipe with necessary J bolts or screws & nuts etc. comp.	11.04	Smt	1291.25	One thousand two hundred ninety one rupees and twenty five paise only	14255.40
179	Providing & fixing S.S. Square Heavy Brass Mortice Lock with necessary screw etc. complete.	1.00	NOs	3716.80	Three thousand seven hundred sixteen rupees and eighty paise only	3716.80

180	Providing and fixing 1.3 mm PVC Flooring Fixing with SR 505 or Glue as directed by E.I.C.	2.60	SMt	1215.24	One thousand two hundred fifteen rupees and twenty four paise only	3159.62
181	Providing & fixing of 3 mm thick Aluminium composite Sheet with necessary aluminium pipe framing on backside with necessary screw, bolts & nuts etc. complete.	3.90	Smt	3682.75	Three thousand six hundred eighty two rupees and seventy five paise only	14362.73
182	Providing and fixing 3.0mm powder coated M.S. plate with CNC cutting with 7 tank process powder coating and fitting with black coated sheet etc. comp.	3.90	Smt	5743.62	Five thousand seven hundred forty three rupees and sixty two paise only	22400.12
183	Providing and fixing Galvanised 50mm PUF Roof Panel 50mm with side Cap-50mm and Trapezoidal end Cap-20mm with hilti screw and rubber silicon sealer etc complete as directed by Engineer in charge.	2.60	Smt	5195.41	Five thousand one hundred ninety five rupees and forty one paise only	13508.07
184	Providing and laying 600 x 600 Full body Vitrified 16 mm thick tile flooring over 20mm. (average) base of cement mortar 1:6 (1 cement :6 coarse sand) or L.M. 1:1.5 laid and making 5mm Spacer all around tiles and filling with epoxy materials etc. complete.	9.20	Smt	2987.24	Two thousand nine hundred eighty seven rupees and twenty four paise only	27482.61
185	Providing and fixing 12 mm thick tuffan glass Door with Floor Spring of 80 to 100 Kg. Capacity, top and bottom patch, S.S. Handle 10" and wall to glass lock and necessary accessories with jointing with silicon etc. complete.	4.50	Smt	13778.82	Thirteen thousand seven hundred seventy eight rupees and eighty two paise only	62004.69
186	Providing 4 mm Luxture decorcem expose concrete or brick concrete coating and wall textured paint using base coat, tapping, durabond expose RCC materials and finishing with decorsil two coat etc. complete. As directed by consult architect.	2.70	Smt	1869.71	One thousand eight hundred sixty nine rupees and seventy one paise only	5048.22
187	Providing and fixing 6mm HPL (High Pressure Laminated Sheet) of Sundeck or equivalent brand and 50mm x 25mm Aluminium box section pipe colour powder coated aluminium rivet etc complete.	2.70	Smt	6909.19	Six thousand nine hundred nine rupees and nineteen paise only	18654.81
188	Providing and fixing chain link jali of size 1.2 mt. height on existing M.S angle post with necessary pins in line & level etc. comp.	1.00	Smt	559.45	Five hundred fifty nine rupees and forty five paise only	559.45

189	Providing and Fixing 5mm Fluted Glass with necessary hardware & Materials etc. Completed.	1.20	Smt	3134.89	Three thousand one hundred thirty four rupees and eighty nine paise only	3761.87
190	Providing and Fixing Artificial Granite 15mm thick fixing on Service Table with necessary Chemical & Materials etc. Completed.	4.80	Smt	5880.09	Five thousand eight hundred eighty rupees and nine paise only	28224.43
191	Providing and Laying 1200 x 600 mm vitrified 8 mm thick tile flooring over 50 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface and material and jointed with color cement slurry including finished with 4mm epoxy pointing & cleaning the surface etc. complete.	8.00	Smt	2515.60	Two thousand five hundred fifteen rupees and sixty paise only	20124.80
192	Providing & fixing Roller blind of VENICE having thickness 0.35 mm thick with acrylic coating with superior quality acmedamechanism including Motors tubular one Nos and Remote for cantroling the Blind up and Down with all accessory fittings like bracket, chain etc. as directed by engineer in charge.etc. complete.	2.40	Smt	7765.16	Seven thousand seven hundred sixty five rupees and sixteen paise only	18636.38
193	Providing and Fixing 50 mm repicon walls fixing with 51mm floor channels at bottom & 51 mm GI ceiling channels at top with line and Level etc. completed.	2.40	Smt	3757.69	Three thousand seven hundred fifty seven rupees and sixty nine paise only	9018.46
194	Providing and fixing G.I. Crimped Jali made from framing of 40 x 40 x 5 mm M.S. Angle & 25 x 25 mm MS Pipe with Inner side 20 x 20mm G.I. Crimped fitted on wall with Khilla & one coat of primer & Two coats of oil painting etc. Complete.	1.00	Smt	1859.00	One thousand eight hundred fifty nine rupees only	1859.00
195	Providing and Fixing Chain Link Fencing using 25 x 25mm Sq. Pipe with Chain Link Jali with necessary bolts & Washer & Oil Paint etc. Completed.	4.80	Smt	957.03	Nine hundred fifty seven rupees and three paise only	4593.74
196	Repairing & providing & fixing concentrino razor blade 12G wire loop of 750 mm dia. on top of compound wall with M.S. angle & G.I. Barbed wire as per instruction of Engineer including fixing with binding wire etc. as directed by Engineer in charge.	4.00	Rmt	2311.75	Two thousand three hundred eleven rupees and seventy five paise only	9247.00
197	Providing and Fixing 75mm repicon walls fixing with 76mm floor channels at bottom & 76 mm GI ceiling channels at top with line and Level etc. completed.	2.40	Smt	3627.98	Three thousand six hundred twenty seven rupees and ninety eight paise only	8707.15

198	Providing and Fixing 50 mm Jems Panneling with using 19 mm plywood & 12mm Plywood & on top 1.0 mm Lamination Horizontal / Walnut / Oak / Season Wood Series etc. Complete. work shall be as directed by architect concern Engineer in Charge.	1.40	Smt	5266.15	Five thousand two hundred sixty six rupees and fifteen paise only	7372.61
199	Providing and fixing toilet cubical with 11 mm compact both side laminates board with vertical alluminium S.S. finish 12 mm Big U type heavy section alluminium S.S. finish 12 mm top rail, H Door edge, with necessary fitting S.S. matt door lock, clothes hook, S.S. door support leg, S.S. matt door nop etc. comp.	1.00	Smt	9130.18	Nine thousand one hundred thirty rupees and eighteen paise only	9130.18
200	Providing and Fixing Partition made from 50x25 mm aluminium pipe framing and 8 mm plywood with top face finished with 3.6 mm MDF as per approved by E.I.C . Etc. complete.	1.00	Smt	3545.03	Three thousand five hundred forty five rupees and three paise only	3545.03
201	Providing and fixing Slim Aluminium Partition with using 45 x 16mm Slim Section and 8mm thick toughen glass With Necessary clip connector and necessary accessories with jointing with silicon etc. complete.	1.00	Smt	12104.76	Twelve thousand one hundred four rupees and seventy six paise only	12104.76
202	Providing and fixing Slim 8mm thick tuffan glass Door with 45 x 16mm Slim Section & Floor Spring of 80 to 100 Kg. Capacity, top and bottom patch, S.S. Handle 10" and wall to glass lock and necessary accessories with jointing with silicon etc. complete.	1.00	Smt	15872.76	Fifteen thousand eight hundred seventy two rupees and seventy six paise only	15872.76
203	Applying Deco Paint/PU Paint (two coats) with approved brand and manufacture on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	1.00	Smt	4605.92	Four thousand six hundred five rupees and ninety two paise only	4605.92

204	Providing and Fixing Teakwood border patti of size 3" x 1" Ghana Patti with machine spray melamine polish with all labour and materials etc. completed.	1.00	Rmt	1152.79	One thousand one hundred fifty two rupees and seventy nine paise only	1152.79
205	Providing and fixing C.P. Brass Jaquar / Somany telephone shower with S.S. stand, spout and shower tube etc. complete.	1.00	NO	7840.13	Seven thousand eight hundred forty rupees and thirteen paise only	7840.13
206	Providing and fixing Jaquar / Somany C.P. Brass Two way bib cock of heavy series with C.P. brass Nipple & brass elbow etc. complete. Code : FLR 5041	1.00	NO	3548.38	Three thousand five hundred forty eight rupees and thirty eight paise only	3548.38
207	Providing and fixing Jaquar / Hindware continental series towel rack 600 mm long with lower hangers code AKP 35781PS with S.S. screw etc. complete.	1.00	NO	5482.28	Five thousand four hundred eighty two rupees and twenty eight paise only	5482.28
208	Providing and fixing Jaquar /Essco continental series Kitchen Sink Cock with S.S. screw etc. complete.	1.00	NO	3867.80	Three thousand eight hundred sixty seven rupees and eighty paise only	3867.80
209	Providing and fixing P.V.C. L.L. tank with all necessary labour & fittings etc. complete.	1.00	NO	3026.35	Three thousand twenty six rupees and thirty five paise only	3026.35
210	Providing and fixing Zoloto or equivalent Gun metal check or non-return fullway wheel valve.(E) 40mm dia.	8.00	NO	2403.80	Two thousand four hundred three rupees and eighty paise only	19230.40
Total (Civil) ...A						20429596.41

Rupees Two Crore Four Lakh TwentyNine Thousand Five Hundred NinetySix Paise FortyOne Only

	Eletric					
Item No.	Item of work	Quantities estimated but may be more or less	Unit	Estimated Rate		Total Amount according to estimated quantities
				In figure Rs. Ps.	In words	
1	2	3	4	5	6	7
211	Replacing old and U/s by New 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. (j) in existing pipe erected concealed in wall/ceiling completeCat. III	277	Pt.	410.06	Rupees Four Hundred Ten And Paise Six Only	113586.62
212	Replacing old and U/s By New Point wiring for secondary light point 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, in below type of pipe to be erected complete with earth continuity and necessary connection with primary light with accessories erected on Metal / PVC / wooden box covered covered with appropriate front plate modules erected on / in wall / ceiling for open / concealed wiring. with necessary Lamp holder / ceiling rose / H.D.Connector as directed.as per pipe erected with following type of accessories. (j) in existing pipe erected erected concealed in wall/ceiling complete	135	Pt.	120.19	Rupees One Hundred Twenty And Paise Nineteen Only	16225.65

213	Replacing old and U/s by New 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 four or more step type electronic fan regulator with separately 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. (j) in existing pipe erected concealed in wall/ceiling complete Cat. III	60	Pt.	556.51	Rupees Five Hundred Fifty Six And Paise Fifty One Only	33390.60
214	Replacing old and U/s by New 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	117	Pt.	257.55	Rupees Two Hundred Fifty Seven And Paise Fifty Five Only	30133.35
215	Replacing old and U/s by New 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. Cat-III					
215a	(1)One No. SP 6 Amp.	60	Nos.	151.5	Rupees One Hundred Fifty One And Paise Fifty Only	9090.00
215b	(2) One No 3/5 pin plug.	60	Nos.	151.5	Rupees One Hundred Fifty One And Paise Fifty Only	9090.00

215c	(3) Two Pin/RJ-11 Telephone Socket [B] For Two Gang Cat.III	28	Nos.	210.08	Rupees Two Hundred Ten And Paise Eight Only	5882.24
215d	(7) Blank Plate Single.	134	Nos.	25.25	Rupees Twenty Five And Paise Twenty Five Only	3383.50
215e	(9) 16 Amp. SP one way switch.	55	Nos.	180.79	Rupees One Hundred Eighty And Paise Seventy Nine Only	9943.45
215f	(10) 6/16Amp. Universal socket.	55	Nos.	199.98	Rupees One Hundred Ninety Nine And Paise Ninety Eight Only	10998.90
215g	(21) Foot Light as per colour requirement with concealed box, modular accessories, acrylic glass cover with suitable LED watt with all accessories as per following module (a) Two modules Cat-III	14	Nos	316.13	Rupees Three Hundred Sixteen And Paise Thirteen Only	4425.82
216	Replacing old and U/s by New Point wiring for Two Way Controlled Light Point 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 erected in below type of pipe with 6A Modular type switches and following type of accessories 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 batten/angle holder or ceiling rose or H.D.Connector as directed. (j) in existing pipe erected concealed in wall/ceiling complete	27	Pt.	514.09	Rupees Five Hundred Fourteen And Paise Nine Only	13880.43
217	Replacing old and U/s by New 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 dia of pipes, in approved manner as directed					0.00
217a	(a)20 mm	1050	Mtrs	24.24	Rupees Twenty Four And Paise Twenty Four Only	25452.00

217b	(b) 25 mm	685	Mtrs	33.33	Rupees Thirty Three And Paise Thirty Three Only	22831.05
217c	(c) 32 mm	95	Mtrs	54.54	Rupees Fifty Four And Paise Fifty Four Only	5181.30
217d	(d) 40 mm	60	Mtrs	67.67	Rupees Sixty Seven And Paise Sixty Seven Only	4060.20
218	Replacing old and U/s by New Providing & erecting PVC Corrugated Flexible Conduit with required nos. of coupling, PVC bushes, Check-nuts etc. complete of following sizes. (2) 25 mm	142	Mtrs	21.21	Rupees Twenty One And Paise Twenty One Only	3011.82
219	Supplying and laying UPVC cable trunking system comprising unplasticised polyvinyl, chloride rigid material with ignition free and flame proof confirming BS with necessary end caps Internal and external bend, flat bends, coupler, tee etc..All necessary accessories and measuring of following sizes (2) 100 mm x 50 mm trunking	55	Mtrs	428.24	Rupees Four Hundred Twenty Eight And Paise Twenty Four Only	23553.20
220	Replacing old and U/s by New 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 (E) in existing pipe (b) 2 wire 2.5 sq. mm	1120	Mtrs	62.62	Rupees Sixty Two And Paise Sixty Two Only	70134.40
221	Replacing old and U/s by New providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (E) in existing pipe (a) 2 wire 4 sq. mm	461	Mtrs	86.86	Rupees Eighty Six And Paise Eighty Six Only	40042.46

222	Replacing old and U/s by New providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (E) in existing pipe (i) 4 wire 10 sq. mm (use earth wire of 4 sq.mm)	45	Mtrs.	398.95	Rupees Three Hundred Ninety Eight And Paise Ninety Five Only	17952.75
223	Providing & Erecting 3mm thick acrylic Sheet with grooving as directed	3110	Sq.Inch	3.03	Rupees Three And Paise Three Only	9423.30
224	Replacing old and U/s by 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 (B) For Modular Type Accessories Cat. III	27	Nos.	1133.22	Rupees One Thousand One Hundred Thirty Three And Paise Twenty Two Only	30596.94
225	Replacing old and U/s by New Supplying & erecting Approved make call bell indicator with buzzing sound and Red light indicating lamp with Red light button to attend the call suitable for 240 v 50 c/s supply to be erected	24	Nos.	148.47	Rupees One Hundred Forty Eight And Paise Forty Seven Only	3563.28
226	Replacing old and U/s by New 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. [Make shall be approved by Engineer in charge] Make- Bajaj,Crompton, Usha, Havells 60 nos. replacing	57	Nos	1596.81	Rupees One Thousand Five Hundred Ninety Six And Paise Eighty One Only	91018.17
227	Replacing old and U/s by Supplying and erecting 19 / 20 mm. nominal bore Medium Class M.S. Pipe down rod erected duly painted for fan complete with proper insulation without leakage and earthing.	60	Rmt.	108.07	Rupees One Hundred Eight And Paise Seven Only	6484.20
228	Replacing old and U/s by Supplying & erecting Fan Hook of 10 mm M.S. Round bar grouted in RCC slab with Making the site as original.	60	Nos	43.43	Rupees Forty Three And Paise Forty Three Only	2605.80

229	Replacing old and U/s by New Supplying & erecting approved make low noise decorative exhaust fan having square frame ABS body with inbuilt lowers & square frame. 200mm with 1350 RPM Cat.II	15	Nos.	1703.87	Rupees One Thousand Seven Hundred Three And Paise Eighty Seven Only	25558.05
230	Replacing old and U/s by 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	3	Nos.	2054.34	Rupees Two Thousand Fifty Four And Paise Thirty Four Only	6163.02
231	Replacing old and U/s By New 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-III	115	Nos.	295.93	Rupees Two Hundred Ninety Five And Paise Ninety Three Only	34031.95
231A	(A) Tube Light with integral driver (i) 5-10 Watts, Surge-2 KV, IP-20, conventional 1 to 2 feet Cat-III	12	Nos	165.64	Rupees One Hundred Sixty Five And Paise Sixty Four Only	1987.68

232	Replacing old and U/s By new 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 pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminium casted body with company mark/name 160V to 270V, Power Factor more than 0.9, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/watt, LED driver efficiency > 85 % (fitting required LM-79 & LM-80 Certificates) (NOTE: Below description have shown ranges of Wattage capacity of LED fittings. The Engineer incharge may select any wattage capacity between the ranges shown.) (A) Square/ Circular shaped Surface/ Recessed Mount Downlight with provision for spring loaded mounting clips complete. IP20 (iii) 16-20 watts, Surge-2 KV Cat-III	202	Nos.	589.84	Rupees Five Hundred Eighty Nine And Paise Eighty Four Only	119147.68
233	Replacing old and U/s by Providing and, fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (d) 2 to 4 core 16 Sq. mm	12	Nos.	47.47	Rupees Forty Seven And Paise Forty Seven Only	569.64
234	Replacing old and U/s by Solder less crimping type Copper 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. (C) 16 Sq.mm.	54	Nos	12.12	Rupees Twelve And Paise Twelve Only	654.48
235	Replacing old and u/s By New 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.	186	Nos	112.11	Rupees One Hundred Twelve And Paise Eleven Only	20852.46
236	Replacing old and u/s By New Providing & erecting 415 V MCB Four Pole for Motor & Inductive Load (C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity (c) 63 Amp. cat. III	9	Nos	737.3	Rupees Seven Hundred Thirty Seven And Paise Thirty Only	6635.70

237	Replacing old and U/s by Providing and erecting Approved make ELCBs / 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 (i) 25Amps. DP Cat. III	9	Nos	1969.5	Rupees One Thousand Nine Hundred Sixty Nine And Paise Fifty Only	17725.50
238	.-----do-----.(ii) 40Amps. DP Cat. III	21	Nos	2235.13	Rupees Two Thousand Two Hundred Thirty Five And Paise Thirteen Only	46937.73
239	Replacing old and u/s By New 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) (b) sheet steel double door (iv)12 way	7	Nos	3874.36	Rupees Three Thousand Eight Hundred Seventy Four And Paise Thirty Six Only	27120.52
240	Replacing old and U/s By New 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) (iii)8 way	6	Nos	1152.41	Rupees One Thousand One Hundred Fifty Two And Paise Forty One Only	6914.46
241	Providing and erecting required size HOT deep Galvanised iron strip for earthing of H.T. , OCB/ ACB/ Transformer LT panel board, Motors etc. using proper clamp.	35	kg	77.77	Rupees Seventy Seven And Paise Seventy Seven Only	2721.95
242	Providing , erecting , fabricating the M.S. structure as per requirement on site incorporating proper size of M.S. angles,square,round, flats, bars, channels, sections complete with cutting, welding, grinding & finishing duly painted with one coat of red oxide with erection on site as per direction of engineer in charge with necessary grouting, cementing, plastering & finishing complete.	65	Kg.	77.77	Rupees Seventy Seven And Paise Seventy Seven Only	5055.05

243	New Supplying and erecting Flexible PVC insulated multi strand multi core 1.1 kv grade ISI marked copper wires of following size to be erected as directed. e) 1.50 Sq.mm 3 core round PVC sheathed	700	Mtrs.	46.46	Rupees Forty Six And Paise Forty Six Only	32522.00
244	Replacing old and U/s by 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.(approved make OEM has to submit test certificate) & having back filling compound of (B) Inner chemical (CCM Compound)- Resistivity:- 0.2 \square / 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.(a) For Electrical Installation up to 440V in normal soil Length of pipe - 1 Mtr Back filling compound - 1 Nos Bag of 15 Kg.	3	Nos.	4591.46	Rupees Four Thousand Five Hundred Ninety One And Paise Forty Six Only	13774.38
245	New Supplying & erecting approved make Automatic liquid level controller 6A. with sensor testing as per instruction of Engineer in charge on site complete with wiring connection with existing wires , with copper conductor from pump to upper and lower tank.	3	Nos.	2355.32	Rupees Two Thousand Three Hundred Fifty Five And Paise Thirty Two Only	7065.96
246	carry out RCC Core cutting- up to 100 mm dia./300mm thick Wall/beam/slab with providing PVC pipe of 3 mm thick inside and necessary finishing on both ends of wall .	5	Job	1549.34	Rupees One Thousand Five Hundred Forty Nine And Paise Thirty Four Only	7746.70
247	Replacing old and U/s By New Supplying & erecting Galvanized M.S pipe post “B” class 88.9 mm O.D 4 mtr. Long duly painted with two coats of aluminium paint complete with metallic base plate of 300 mm x 300 mm x 4mm thick for using as a compound light pole with approx. weight 32 Kg. Replacing- 42 Nos.	16	Nos	3225.94	Rupees Three Thousand Two Hundred Twenty Five And Paise Ninety Four Only	51615.04

248	Providing 1:2:4 cement concrete foundation & 70 % PCC from bottom including excavation for the pole of size 45 x 45 x 100 cm. Deep in below ground level with plinth of 45 cm x 45 cm (or 45 cm dia x 45 cm) high upper ground level with necessary curing and finishing in approved manner. (for 4 & 6 mtr pole)	16	Nos	809.01	Rupees Eight Hundred Nine And Paise One Only	12944.16
249	Disconnecting old and u/s By New Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables. (A) 2 core 4 Sq. mm	450	Mtrs.	79.79	Rupees Seventy Nine And Paise Seventy Nine Only	35905.50
249b	(B) 2 core 6 Sq. mm	450	Mtrs.	92.92	Rupees Ninety Two And Paise Ninety Two Only	41814.00
250	Drilling the road without breaking the road surface (Asphalt) for laying of cable for feeding power supply by making up to following size of holes at both ends complete. (A) Up to 100 mm bore dia	40	Mtrs.	492.88	Rupees Four Hundred Ninety Two And Paise Eighty Eight Only	19715.20
251	Making trench in soft soil of suitable width of 90 cm deep for laying cable or locating the fault all over the run and back filling the same and making the surface as normal ground.	550	Mtrs.	55.55	Rupees Fifty Five And Paise Fifty Five Only	30552.50
252	Replacing old and U/s by Providing & laying approved make Double walled corrugated pipes (DWC) of polyethylene(conforming to IS 14930 II)with necessary connecting accessories of same material at required depth in existing trench for laying of cable. below ground / road surface for enclosing cable (A) 50mm outer dia	245	Mtrs.	62.62	Rupees Sixty Two And Paise Sixty Two Only	15341.90
252b	(B)63mm outer dia	450	Mtrs.	73.73	Rupees Seventy Three And Paise Seventy Three Only	33178.50

253	Providing and erecting Pipe type earthing having 150 cms.long and 2.5 cms. dia. galvanised iron pipe with coupling and buch buried in specially prepared earth pit complete with necessary 8 SWG earth wire.	16	Nos.	368.65	Rupees Three Hundred Sixty Eight And Paise Sixty Five Only	5898.40
254	For using salt and charcoal / coke as required for pipe type earthing.	16	Nos.	171.7	Rupees One Hundred Seventy One And Paise Seventy Only	2747.20
255	Replacing old and U/s by Providing and erecting Miniature circuit breaker single pole 0.5A to 2A system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark	16	Nos.	270.68	Rupees Two Hundred Seventy And Paise Sixty Eight Only	4330.88
256	replacing old and u/s by new Providing and erecting street light pole bracket comprising main B Class MS pipe of 4.2 cm/require outside dia. complete with suitable B Class M.S. sleeve tubing of approx. 45cms.length and suitable for 76.5 mm / 80mm. / require size pole top having sufficient fasteners for fixing the brackets and having spread of 1 mtr. length with suitable rise as per site condition & suitable welded stiffener reducer and nipple with check nut complete painted with one coat of Red oxide / PU base primer and two coats of Aluminium / PU paint. paint with following nos of arms. [A] Single Arm bracket 0.5 Mtr	15	Nos.	450.46	Rupees Four Hundred Fifty And Paise Forty Six Only	6756.90

257	<p>Replacing old and U/s By New 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 aluminium housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses 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.)</p> <p>(A) Street Light (IP-65), Surge protection -4KV integral and ,Light must have 440VAC line supply with over-voltage protection. (iii) above 24 to 36 Watts Cat-III</p>	15	Nos.	2201.8	Rupees Two Thousand Two Hundred One And Paise Eighty Only	33027.00
258	<p>Replacing old and U/s by 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 aluminium housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses 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.) (B) Flood Light (IP-65), Surge protection -4KV integral and ,Light must have 440VAC line supply with over-voltage protection. (iv) above 90 to 120 watts Cat-III</p>	14	Nos	7266.95	Rupees Seven Thousand Two Hundred Sixty Six And Paise Ninety Five Only	101737.30

259	Replacing old and u/s By New Supplying & erecting approved make Digital time switch having lithium cell 6 years operative and operate battery backup 1 channel day clock with 14 memory programme, suitable to operate on 240V + 5%, 16A with, floating contacts Minimum switching setup time 1 minimum & LCD display. Also comprised permanent ON/OFF switching. Programming switches & housed in fire proof thermoplastic enclosure & transparent cover erected as required with necessary connection erected as directed.	4	Nos	3168.37	Rupees Three Thousand One Hundred Sixty Eight And Paise Thirty Seven Only	12673.48
300	Replacing old and u/s by new 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. (a) 300mm x 200mm x 100mm [deep]	27	Nos.	898.9	Rupees Eight Hundred Ninety Eight And Paise Ninety Only	24270.30
301	Replacing old and U/s by Providing & Erecting approved make following size of TV Co-axial flexible cable comprising inner conductor of solid bare copper insulated with Foam PE & Secondary conductor made of poly - Aluminium film bonded Al. Braids @ suitable coverage overall sheathed with black PVC insulation. b).RG-6	210	Mtrs.	39.39	Rupees Thirty Nine And Paise Thirty Nine Only	8271.90

302	Replacing old and U/s By New Supplying & erecting IP 55 grade following size section pillar fabricated from joint less M.S. Sheet with angle iron legs made from jointless M.S. Angle with cable clamps to be buried in ground to have appropriate erection to work uniform until erected with cement concrete foundation and 45 cm high bricks work finishing with plaster etc. hinged double door internally supported on both side, with internal and outside looking arrangement with look and keys in duplicate 35 x 35 x 5 mm M.S. Angle of Two Nos. one is welded and other with nut and bolt for erecting Bakelite sheet. Painting the Section Pillar inside and out side with three tank powder coated paint. section pillar roof should be without joint with water leakage proof & tested as per IP 55 test & followed by IS 2147 of 1962 (B) 75 X 60 X 45 cm section pillar fabricated from 16 Gauge MS Sheet with angle iron legs 45 cm long made from 35 X 35 X 5 mm thick MS angle.	2	Nos.	3595.6	Rupees Three Thousand Five Hundred Ninety Five And Paise Sixty Only	7191.20
303	New Supplying and erecting HYLAM sheet on existing angle iron frame.for following thickness. (E) 10mm THICKNESS	2.5	sq.mtr	1927.08	Rupees One Thousand Nine Hundred Twenty Seven And Paise Eight Only	4817.70
304	Replacing old and U/s by Supplying and erecting horizontal / vertical mounting type storage water heater with copper container housed in M.S./S.S./ABS body insulated with glass wool/puff complete with heating elements,adjustable thermostats 300C to 850C, indicating lamp, safety valve, fusible plug, etc.complete erected with coach bolts, nuts. washers & cementation (SOR No.8-16-2) (B)15 Ltr-.with 2 /3K.W. heating element Premium Category	1	Nos	9513.19	Rupees Nine Thousand Five Hundred Thirteen And Paise Nineteen Only	9513.19
305b	(C)25 Ltr. with 2 KW. heating element Premium Category	3	Nos	11455.42	Rupees Eleven Thousand Four Hundred Fifty Five And Paise Forty Two Only	34366.26

306	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.	2	Nos	55893.4	Rupees Fifty Five Thousand Eight Hundred Ninety Three And Paise Forty Only	111786.80
307	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 [C] 50 Ltr / Hr with 150 psi 2 nos booster pump	2	Nos	29187.99	Rupees Twenty Nine Thousand One Hundred Eighty Seven And Paise Ninety Nine Only	58375.98
308	Replacing old and U/s by Supplying and erecting Fully Automatic hydro pneumatic booster system with cast iron housing Enclosure class IP44 minimum , with built in PTO motor protection and stainless steel impeller pump, pump model GRUNDFOS CMB 5-46 series or equivalent with 24 Liter hydro pneumatic pressurized tank capacity : 5 m3/hr,Rated head :30 mtr, motor rating : 1.2 H.P. includes pressure switches, Non Return Valve, Pressure Gauge, 5 way Brass connector, with necessary Plumbing work which includes all required size of pipes, Joints valves, Bypass valve, labor all accessories required for installation of pressure pump (Foundation work and base stand cost included)	2	Nos	46135.79	Rupees Forty Six Thousand One Hundred Thirty Five And Paise Seventy Nine Only	92271.58
309	Providing new Bollards (b) LED Bollard fittings of minimum height 600 mm & dia.100mm having polycarbonate clear/milky diffuser mounted on 3mm thick aluminium finished powder coated pipe with base plate 160x160mm with erection by M8x75mm fastner with required RCC foundation.Weight- kg IP65 for 15watt ,surge-4kv- cat-III (make and model should be decided by authority)	44	Nos	3161.3	Rupees Three Thousand One Hundred Sixty One And Paise Thirty Only	139097.20
310	Replacing old and U/s by 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 35 Sq. mm	20	Mtr	255.53	Rupees Two Hundred Fifty Five And Paise Fifty Three Only	5110.60

311	Supplying rubber matting of following thickness as per IS:15652/IEC 61111 (b)4mm	20	sq.mtr	1027.17	Rupees One Thousand Twenty Seven And Paise Seventeen Only	20543.40
312	Providing and erecting Inverter based approved make split air-conditioning unit consisting of condensing unit with variable speed fan motor, inverter type hermetically sealed rotary compressor with accessories etc. duly connected separately erected evaporating unit and blower motor with its accessories by means of extra supplied proper insulated copper tubing, drain PVC pipes suitable for (cost includes Eco Friendly green gas charging and 15A plug top & Remote Control & MS Stand) with necessary core cutting.(2)For ISEER Range (KWH/KWH)(4.0 to 4.49)(C) for 1.7 to 2 ton capacity-Premium Cat.	5	Nos	72381.65	Rupees Seventy Two Thousand Three Hundred Eighty One And Paise Sixty Five Only	361908.25
314	Supplying and erecting insulated pair of soft copper tubing open or concealed including power and control cable, necessary PVC drain pipes for Split AC machine up to 4 TR capacity	25	Rmt.	965.56	Rupees Nine Hundred Sixty Five And Paise Fifty Six Only	24139.00
315	Replacing old and unservicable TV by Providing Erecting and testing of SONY Bravia /SAMSUNG/LG or equivalent led TV 108 cm (43 inch) 4K and above Display: 4K Ultra HD LED, 3840 x 2160 pixels, 60 Hz Refresh Rate Connectivity: 3 HDMI 2 USB Wi-Fi-Operating System: WebOS/linus base, /Tizen operating system/android operating system - google) AppleTV Plus, Netflix, Prime Video, Disney+Hotstar-/ google Sound: 20 W Speaker, with Remote, 4K Upscaling	4	Nos.	40026.88	Rupees Forty Thousand Twenty Six And Paise Eighty Eight Only	160107.52
316	Replacing old and u/s refrigerator by Supplying approved make domestic refrigerator of 301 ltr. to 400 ltr. Frost Free Double Door 3 Star and above Convertible Refrigerator with Digital Inverter, Convertible 5-in-1 and Display Storage capacity single phase with EER rating LG, Samsung, Whirlpool or its equivalent (Approved by Competent Authority)	2	Nos.	39898.18	Rupees Thirty Nine Thousand Eight Hundred Ninety Eight And Paise Eighteen Only	79796.36
317	Replacing old and u/s refrigerator by Supplying approved make domestic refrigerator of 165 Ltr to 185 Ltr storage capacity, single phase minimum 3 star rating. LG, Samsung, Whirlpool or its equivalent	2	Nos.	15116.67	Rupees Fifteen Thousand One Hundred Sixteen And Paise Sixty Seven Only	30233.34

318	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand / Solid Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables(C) 4 core 10 Sq. mm	85	Mtrs	140.39	Rupees One Hundred Forty And Paise Thirty Nine Only	11933.15
319	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cables.(B) 4 core 16 Sq. mm	180	Mtrs	987.78	Rupees Nine Hundred Eighty Seven And Paise Seventy Eight Only	177800.40
320	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.catII	4	Nos	9613.18	Rupees Nine Thousand Six Hundred Thirteen And Paise Eighteen Only	38452.72
321	Supplying & erecting approved make LAN cable of following size in existing pipe as per direction[D] CAT - 6 e	185	Mtrs	76.76	Rupees Seventy Six And Paise Seventy Six Only	14200.60

Total (Electric) ..B 2821551.75

Total (A+B) 23251148.16

Rupees Two Crore ThirtyTwo Lakh FiftyOne Thousand One Hundred FourtyEight Paise Sixteen Only

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

*Estimated Amount put to Tender Rs.

Deduction % below.....

Net Total Rs.

*Estimated Amount put to Tender Rs.

Add % above Rs.

Total Rs.

In words.

In words

.....

.....

Note:-

- 1 An amount of **Rs. 620940.06** towards estimated credit value of dismantled materials shall be recovered from the 1st R.A. Bill of this work.
- 2 I/We hereby declare that, I/We have carefully studied conditions of contract, Specifications & other than tender documents of this work and agree to execute that same accordingly.
- 3 Rate quoted are including clearance of site (Prior commencement of work and its close) in all respects and hold good for work under all condition, site, moisture/ weather etc also keeping all the system in working condition
- 4 The Contractor shall exhibit a board as per Government Circular No. BDG/ 3277/ 1657/ N Dated 26/1/1997 S (M.GUJ) with detailed specification and details of work and amount involved at site without any payment as directed by the Engineer-in-charge.

(A) I/We hereby Declare that I/we have Visited the site and fully Exquisite myself/ourselves with the local situation regarding materials,Labour and other factors pertaininfg to work before submitting tender.
(B) I/We hereby Declare that I/we have carefully Studied the condition of Contracts,Detailed Specification and other tender Document of this work and agree to execute the same accordingly
- 5 The NOC of proper functioning of the fire system with water line from the government officer/ municipal conrporation or any other competant body is required and any charges for the same shall be bear by the contractor
- 6 The contractor shall be resposible for ensuring that the safety during execution of work and testing of the system
- 7 Any kind of damage occurred to the existing building during the erection of the system or during maintenace or testing of the system has to be redone by the agency on his own cost

8 The Labour Cess will be deducted as per prevailing rules i.e. 1% of the work done.

9 GST and Income tax TDS will be deducted at a source while making payments of bills

10 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 tender.

11 The price bid shall include all taxes, duties, levies, fees, labour cess and other charges as per applicable taxes excluding Goods & Service tax (GST). (GST will be paid separately).

12 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.

Signature of contractor

**Deputy Executive Engineer
Capital Project Sub Division.6
Gandhinagar**

**Executive Engineer
Capital Project Division.2
Gandhinagar**

Credit of Dismantled Material

Credit Items

Item No.	Item of work	Quantities estimated but may be more or less	Unit	Estimated Rate		Total Amount according to estimated quantities
				In figure Rs. Ps.	In words	
1	2	3	4	5	6	7
1	Steel	6270.87	kg	23.00	Twenty three rupees only	144230.01
2	Bricks	95000.00	Nos	3.20	Three rupees and twenty paise only	304000.00
3	Brick bats at 70% of quantity	133.00	cmt	245.00	Two hundred forty five rupees only	32585.00
4	Kota Stone	37.00	smt	133.60	One hundred thirty three rupees and sixty paise only	4943.20
5	Tiles	326.00	smt	41.76	Forty one rupees and seventy six paise only	13613.76
6	Door Shutter	24.00	Nos	442.40	Four hundred forty two rupees and forty paise only	10617.60
7	EZ-7 Door Frame	9.00	Nos	320.00	Three hundred twenty rupees only	2880.00
8	Window Shutter(Glazed)	31.50	Nos	240.80	Two hundred forty rupees and eighty paise only	7585.20
9	Window Frame	31.50	Nos	370.95	Three hundred seventy rupees and ninety five paise only	11684.93
10	Cup Boards	2.00	Nos	260.06	Two hundred sixty rupees and six paise only	520.12
11	Ventilation	4.00	Nos	102.40	One hundred two rupees and forty paise only	409.60

12	G.I Pipe (15 mm)	54.00	Rmt	61.44	Sixty one rupees and forty four paise only	3317.76
13	G.I Pipe (25 mm)	41.31	Rmt	76.80	Seventy six rupees and eighty paise only	3172.61
14	G.I Pipe (40 mm)	9.00	Rmt	78.10	Seventy eight rupees and ten paise only	702.90
15	C.I Pipe (75 mm)	40.00	Rmt	239.57	Two hundred thirty nine rupees and fifty seven paise only	9582.80
16	C.I Pipe (100 mm)	34.40	Rmt	298.19	Two hundred ninety eight rupees and nineteen paise only	10257.74
17	AC Rain water pipe	2.50	Rmt	20.25	Twenty rupees and twenty five paise only	50.63
18	W.C. Pan	3.00	Nos	180.69	One hundred eighty rupees and sixty nine paise only	542.07
19	Wooden Door Frame	15.00	Nos	427.77	Four hundred twenty seven rupees and seventy seven paise only	6416.55
20	Bib tap/ Pillar Cock/Angle Cock	18.00	Nos	60.00	Sixty rupees only	1080.00
	<u>Electric</u>					
21	cost of u/s & old tube fitting	50.00	Nos	19.05	Rupees Nineteen And Paise Five Only	952.25
22	cost of u/s & old downlighter	20.00	Nos	37.96	Rupees Thirty Seven And Paise Ninety Six Only	759.20
23	cost of u/s & old ceiling fan	18.00	Nos	158.10	Rupees One Hundred Fifty Eight And Paise Ten Only	2845.80
24	cost of u/s & old exhaust fan	8.00	Nos	168.70	Rupees One Hundred Sixty Eight And Paise Seventy Only	1349.60
25	cost of old & u/s mains aluminium/ Copper wire , pipe, accessories (i.e tissino/modular type -switch , socket ,Regulator, bell .as per site situation)etc	1.00	lot	3000.00	Rupees Three Thousand Only	3000.00
26	cost of old and u/s 63/125 amp TPN	4.00	Nos	47.45	Rupees Forty Seven And Paise Forty Five Only	189.80

27	Cost Of Old and U/S D.B 3 phase	4.00	Nos	219.64	Rupees Two Hundred Nineteen And Paise Sixty Four Only	878.54
28	Cost Of Old and U/S D.B 1 phase	2.00	Nos	74.17	Rupees Seventy Four And Paise Seventeen Only	148.33
29	cost of old and u/s various size of load wires.	2.00	lot	200.00	Rupees Two Hundred Only	400.00
30	Cost of Old and u/s SP MCB	70.00	Nos	7.22	Rupees Seven And Paise Twenty Two Only	505.05
31	Cost of Old and u/s RCCB	14.00	Nos	143.85	Rupees One Hundred Forty Three And Paise Eighty Four Only	2013.83
32	Cost of old and u/s various size of Allu. cable pieces and pieces from panel room.	1.00	lot	500.00	Rupees Five Hundred Only	500.00
33	Cost Of Old and U/s pole 32kg each	5.00	Nos	576.00	Rupees Five Hundred Seventy Six Only	2880.00
34	Cost Of Old and U/s cables	1.00	lot	500.00	Rupees Five Hundred Only	500.00
35	Cost Of Old and U/s bracket	1.00	Nos	40.00	Rupees Forty Only	40.00
36	Cost Of Old and U/s street light fitting	10.00	Nos	141.70	Rupees One Hundred Forty One And Paise Seventy Only	1417.00
37	Cost Of Old and U/s box	5.00	Nos	32.00	Rupees Thirty Two Only	160.00
38	Cost Of Old and U/s Timer	2.00	Nos	80.00	Rupees Eighty Only	160.00
39	Cost Of Old and U/s Section Puillar	2.00	Nos	300.00	Rupees Three Hundred Only	600.00
40	Cost Of Old and U/s Flood light	8.00	Nos	455.00	Rupees Four Hundred Fifty Five Only	3640.00
41	Cost Of Old and U/s Geyser	6.00	Nos	950.00	Rupees Nine Hundred Fifty Only	5700.00
42	Cost Of Old and U/s AC with Cu piping	3.00	Nos	4968.80	Rupees Four Thousand Nine Hundred Sixty Eight And Paise Eighty Only	14906.40
43	Cost Of Old and U/s watercooler	1.00	Nos	3873.80	Rupees Three Thousand Eight Hundred Seventy Three And Paise Eighty Only	3873.80

44	Cost Of Old and U/s RO	1.00	Nos	577.98	Rupees Five Hundred Seventy Seven And Paise Ninety Eight Only	577.98
45	Cost Of Old and U/s Fridge Double door	1.00	Nos	2000.00	Rupees Two Thousand Only	2000.00
46	Cost Of Old and U/s TV	1.00	Nos	2000.00	Rupees Two Thousand Only	2000.00
47	Cost Of Old and U/s Fridge Single door	1.00	Nos	750.00	Rupees Seven Hundred Fifty Only	750.00
Total						620940.06

Rupees Six Lakh Twenty Thousand Nine Hundred Fourty Paise Six Only

Signature of contractor

Deputy Executive Engineer
Capital Project Sub Division.6
Gandhinagar

Executive Engineer
Capital Project Division.2
Gandhinagar