

GANDHINAGAR MUNICIPAL CORPORATION						
Name of work : Renovation of Swarnim Sanskrutik Kendra at Raysan in Gandhinagar Municipal Corporation.						
Schedule B						
Item No.	Item Description	Unit	Total Qty	Rate in Figure	Rate in Words	Total Amount
1	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	Cu.Mt.	42.00	123.13	Rupees One Hundred Twenty Three and Paise Thirteen Only	5,171.46
2	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	Cu.Mt.	34.00	136.30	Rupees One Hundred Thirty Six and Paise Thirty Only	4,634.20
3	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	Cu.Mt.	7.00	3758.19	Rupees Three Thousand Seven Hundred Fifty Eight and Paise Nineteen Only	26,307.33
4	Providing and laying controlled cement concrete work M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in : (A) foundation, footing, base of columns and mass concrete	Cu.Mt.	2.00	4402.59	Rupees Four Thousand Four Hundred Two and Paise Fifty Nine Only	8,805.18
5	Providing and laying controlled cement concrete work M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in : (A) foundation, footing, base of columns and mass concrete	Cu.Mt.	6.00	4711.00	Rupees Four Thousand Seven Hundred Eleven and Paise Zero Only	28,266.00
6	Providing and laying controlled cement concrete M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in (C) Beams, Girders and Cantilever upto floor two level.	Cu.Mt.	1.00	5989.30	Rupees Five Thousand Nine Hundred Eighty Nine and Paise Thirty Only	5,989.30
7	Providing and laying controlled cement concrete work M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in : Wall (Pardi) up to floor two level	Cu.Mt.	15.00	6777.65	Rupees Six Thousand Seven Hundred Seventy Seven and Paise Sixty Five Only	1,01,664.75
8	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional	Cu.Mt.	2.00	4214.09	Rupees Four Thousand Two Hundred Fourteen and Paise Nine Only	8,428.18
9	Filling available excavated earth (excluding rock in trenches plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each deposited layer by ramming and watering)	Cu.Mt.	13.00	136.92	Rupees One Hundred Thirty Six and Paise Ninety Two Only	1,779.96

10	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete.	Cu.Mt.	1.00	277.14	Rupees Two Hundred Seventy Seven and Paise Fourteen Only	277.14
11	Carring out plinth treatment to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistment with I.S.I specification. Using Chlordene and Chiorpurfiles 20 EC. As Per 6131_paret-II Concentration Weight one percent is recommended i.e one litre 20 EC chemical emulsion with 19 liter give 1 % concentration inclusive of one litre chemical emulsion appication at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S	Sq.Mt.	5.00	111.25	Rupees One Hundred Eleven and Paise Twenty Five Only	556.25
12	Providing and laying controlled cement concrete work M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in: (A) Grade slab	Cu.Mt.	1.00	3970.59	Rupees Three Thousand Nine Hundred Seventy and Paise Fifty Nine Only	3,970.59
13	Providing and laying controlled cement concrete work M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work UP TO FLOOR TWO LEVEL : A1)COLUMN At Ground Floor Level	Cu.Mt.	2.00	7892.72	Rupees Seven Thousand Eight Hundred Ninety Two and Paise Seventy Two Only	15,785.44
14	Providing and laying controlled cement concrete M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in: Beam At Ground Floor Slab	Cu.Mt.	1.00	6742.06	Rupees Six Thousand Seven Hundred Forty Two and Paise Six Only	6,742.06
15	Providing and laying controlled cement concrete M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in : Slab At Ground Floor Slab	Cu.Mt.	1.00	6412.10	Rupees Six Thousand Four Hundred Twelve and Paise Ten Only	6,412.10
16	Providing and laying controlled cement concrete M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in :D) Lintel at Ground floor	Cu.Mt.	1.00	7760.84	Rupees Seven Thousand Seven Hundred Sixty and Paise Eighty Four Only	7,760.84
17	Providing and laying controlled cement concrete M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in :E) IN Chhajja at Ground floor	Cu.Mt.	1.00	6623.58	Rupees Six Thousand Six Hundred Twenty Three and Paise Fifty Eight Only	6,623.58
18	Providing IS mark TMT Bar FE 500/500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level.	Kg.	4865.00	77.29	Rupees Seventy Seven and Paise Twenty Nine Only	3,76,015.85

19	Masonry work using Aerated light weight concrete block having crushing strength not less than 35 kg/sqcm for super structure above plinth level upto floor two level using Polymer modified adhesive mortar complete as per Technical Specification & direction of Engineer in charge. (Ground floor)	Cu.Mt.	4.00	5317.65	Rupees Five Thousand Three Hundred Seventeen and Paise Sixty Five Only	21,270.60
20	Masonry work using Aerated light weight concrete block having crushing strength not less than 35 kg/sqcm for super structure above plinth level using Polymer modified adhesive mortar complete as per Technical Specification & direction of Engineer in charge (First floor)	Cu.Mt.	1.00	5360.07	Rupees Five Thousand Three Hundred Sixty and Paise Seven Only	5,360.07
21	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand) At Ground Floor	Sq.Mt.	23.00	165.02	Rupees One Hundred Sixty Five and Paise Two Only	3,795.46
22	Providing and applying 10mm. thick cement plaster in single coat on ceiling for interior plastering upto floor two level and finished even and smooth in (i) cement mortar 1:3 (1 cement : 3 sand) at Ground Floor	Sq.Mt.	8.00	148.00	Rupees One Hundred Forty Eight and Paise Zero Only	1,184.00
23	20mm thick sand faced cement plaster on walls 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.For All Floors.	Sq.Mt.	61.00	315.69	Rupees Three Hundred Fifteen and Paise Sixty Nine Only	19,257.09
24	Providing and fixing 150 mm wide, approved quality chicken wire mesh at junction of brick work and RCC work or two dissimilar surfaces, at all heights fixed by nails, rowal plugs or tag by cement mortar 1:3 before applying the plaster, including curing, scaffolding all complete as directed.	Sq.Mt.	54.00	58.58	Rupees Fifty Eight and Paise Fifty Eight Only	3,163.32
25	Providing 20 mm deep finished groove in plaster in line and level etc. Comp. For all Floor	Rmt.	14.00	27.27	Rupees Twenty Seven and Paise Twenty Seven Only	381.78
26	Providing throating or plaster drip and moulding to RCC Chhajja	Rmt.	22.00	43.74	Rupees Forty Three and Paise Seventy Four Only	962.28
27	Providing cement vata (10 cm x 10 cm size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete	Rmt.	11.55	24.28	Rupees Twenty Four and Paise Twenty Eight Only	280.43
28	Applying two coats of putty & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth.	Sq.Mt.	92.00	40.59	Rupees Forty and Paise Fifty Nine Only	3,734.28
29	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.For All Floors.	Sq.Mt.	23.00	83.18	Rupees Eighty Three and Paise Eighteen Only	1,913.14
30	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on ceiling and slopping roofs to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.For All Floors.	Sq.Mt.	8.00	88.87	Rupees Eighty Eight and Paise Eighty Seven Only	710.96

31	Finising wall with weatherproof exterior emulsion paint on wall surface (two coats) to give and required shape even shade after thoroughly brushing the surface to remove all dirts , and remains of ioose powdered materials etc. complete. two Coats of primer has to be applied.	Sq.Mt.	795.00	120.26	Rupees One Hundred Twenty and Paise Twenty Six Only	95,606.70
32	Providing & applying single coat of textured at external surface at all floor levels with three coats of weather proof cement exterior paint of approved standard brands make (Asian/Dulux/Narolac) at outer side of the building on RCC or Masonary walls. Rate to include for all labour, materials, staging, scaffolding, cleaing, curing etc. application of texture after throughly brushing th'e surface to give an even shade free from mortar dropping/other foreign matter etc. complete. application of textures & paints must be as per company's standard instructions. Texture and colour selection as per approved by engineer in charge.(It is recommended to use low voc paints rated by IGBC)	Sq.Mt.	142.00	624.89	Rupees Six Hundred Twenty Four and Paise Eighty Nine Only	88,734.38
33	Providing & laying 24"x24" Vitrified tiles 8 MM thick in flooring over 20 mm (Av.) base of C.M. 1:6 (1 Cement : 6 Coarse sand) on new surface or fixing on existing flooring by adhesive materials incldg. Dismanteling of existing flooring & joined with colour cement slurry including finished with flush pointing & cleaning the surface etc. completed Light Shade.	Sq.Mt.	4.00	1331.22	Rupees One Thousand Three Hundred Thirty One and Paise Twenty Two Only	5,324.88
34	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	Sq.Mt.	1.00	1114.09	Rupees One Thousand One Hundred Fourteen and Paise Nine Only	1,114.09
35	Providing & laying 600mm x 600mm Matt Vitrified tiles of 8 to 10mm thick in skirting,riser of steps & dedo laid on bed of 10 mm (Average) base of cement mortar 1:3 (1 Cement : 3 Coarse sand) thick & jointed with white cement slurry etc. complete as per approvel & selection by architect/engineer in charge.	Sq.Mt.	1143.00	1404.91	Rupees One Thousand Four Hundred Four and Paise Ninety One Only	16,05,812.13
36	Providing and laying polished granite stone slab 18 mm thick in skirting,sill and jambs,risers of steps, dedo and pllars laid on 10 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with gray cement slurry including rubbing & polishing etc. Complete	Sq.Mt.	8.00	2958.29	Rupees Two Thousand Nine Hundred Fifty Eight and Paise Twenty Nine Only	23,666.32
37	Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slury mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.	Sq.Mt.	2.00	1226.46	Rupees One Thousand Two Hundred Twenty Six and Paise Forty Six Only	2,452.92
38	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.(A) 25mm thick At All floors	Sq.Mt.	2030.00	1019.39	Rupees One Thousand Nineteen and Paise Thirty Nine Only	20,69,361.70
39	Supply & Fixing of Broken Glazed (China Mosaic) tiles size 5-6 mm thick of different size and shade (approved crazy patern) in Cement:Mortar 1:2 and joint filling with White Cement / Coloured Cement with water proofing component including Ramping, Watering, Curing etc. complete (FOR ALL FLOOR)	Sq.Mt.	4.00	779.70	Rupees Seven Hundred Seventy Nine and Paise Seventy Only	3,118.80

40	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc. consisting of following operations.(a) Applying and grouting a slurry coat of neat cement using 2.75 kg/ sqm of cement admixed with proprietary water proofing compound conforming to IS : 2645 over the R.C.C. slab including cleaing the surface before treatment.(b) Laying cement concrete using broken bricks\brick bats 25 mm to 100 mm size with 50 % of cement motar 1:5 (1 Cement : 5 Coarse sand) admixed with proprietary water proofing compound confroming to IS : 2645 over 20 mm thick layer of cemnt mortar of mix 1: 5 (1 cement : 5 Coarse sand) admixed with proprietary water proofing compound confirming to IS : 2645 to required slope adn treating similarly the adjoining walls upto 300 m height including rouding of junction of walls and slabs.(C)After tow days of proper curing appling a second coat of cement slurry admixed with proprietary water proofing compound I.S.2645 (d) Finishing the surface with 20 mm thick jointless cement mortor of mix 1:4 admixed with proprietary water proofing compound I.S.2645 and finishing the surface with trowel with neat cement slurry & making of (300 x 300)mm square (e)The whole terrace so finish shall be flooded with water for a min. period of two weeks for curing and for final test. All above operation to be down in order and as directed and specified by the engi.-in-charge. With average thickness of 120 mm and minmum thickness at khurra as 65mmCementconsumption 0.642 Bags / S.M.)	Sq.Mt.	4.00	696.90	Rupees Six Hundred Ninety Six and Paise Ninety Only	2,787.60
41	Providing and fixing 35 mm thick solid core flush door shutter of approved make both side lamination using 1mm thick approved laminate sheets with 6mm thk Lipping/border patti around flush hutter including fixing SS hinges, with 5 mm float glass of 300 x 300 mm for viewing AS PER REQUIREMENT, wedges, keys, nails, catch screw, lever latches , handle(10 cm), aldrep(20 cms), stoppers(20 cms), etc and cutting/ drilling of necessary holes in masonry/ concrete and all as per drawing, specification and direction of the Engineer, all materials, tools,plant and labour complete c. (All fixtures & fittings shall be stainless steel of approved quality).approved by architect/Engineer Incharge.At all Floors	Sq.Mt.	4.00	2578.53	Rupees Two Thousand Five Hundred Seventy Eight and Paise Fifty Three Only	10,314.12
42	Providing and fixing window having extruded Aluminium colour anodized Section Frame main Outer Size 63.5mm x 38.1mm x 1.95mm(of Jindal Section No. 4605 @ Wt. of 1.094 Kg./Mt.) Horozontal Two track member size 61.85mm x 31.75mm x 1.20mm(of Jindal Section No. 8687, @ Wt. 0.695Kg./Mt.) Vertical Member of size 61.85mm x 31.75mm x 1.30mm (of Jindal Section No. 8758, @ Wt. 0.659 Kg./Mt.) with sliding shutters of Horizontal member size 40mm x 18mm x 1.29mm(of Jindal Section No. 8947 @ Wt. of 0.456 Kg./Mt.) Vertical Member of size 40mm x 15mm x 1.29mm (of Jindal Section No. 8948 @ Wt. of 0.457 Kg./Mt.) with 5mm thick transparent bronze colour tinted float glass with powder coated Aluminium fittings & fixtures & trasparent silicon sealant glass fixing to frame as per detail etc. complete.	Sq.Mt.	4.00	1713.70	Rupees One Thousand Seven Hundred Thirteen and Paise Seventy Only	6,854.80
43	Providing and fixing fully fixed stainless grill using 50mm x 8mm (SS 304) stainless steel flats vertical 50mm X 8 mm stainless steel lats horizontal,16 mm diameter round stainless steel bar at 120 mm center to center fixedto S.S.flats necessary S.S screws and other S.S fittings etc.complete.	Sq.Mt.	4.00	4347.04	Rupees Four Thousand Three Hundred Forty Seven and Paise Four Only	17,388.16
44	Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length.	No.	2.00	101.91	Rupees One Hundred One and Paise Ninety One Only	203.82

45	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.	SQ.MT	1440.00	20.55	Rupees Twenty and Paise Fifty Five Only	29,592.00
46	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	SQ.MT	4287.00	50.11	Rupees Fifty and Paise Eleven Only	2,14,821.57
47	Providing and fixing Stainless Steel railing having 50 mm x16G ASIS 304 Grade dia hollow stainless steel pipe as hand rail and 32x32 mmx16G ASIS 304 Grade sq. hollow stainless steel pipe with combination of 10 cm long 16 mmx16G ASIS 304 Grade dia pipe as vertical supports 16 mm x16G ASIS 304 Grade dia hollow stainless steel pipes as intermediate members running through stainless steel 30 mm dia solid runners having threaded screw to fix the runner with vertical support including cutting bending welding & fabrication the structure as per drawing including finishing etc complete	SQ.MT	75.00	5394.41	Rupees Five Thousand Three Hundred Ninety Four and Paise Forty One Only	4,04,580.75
48	Supply and Fabrication, Erection of M.S. Box section with one coat of primer as per Approved Structural Drawings / working Drawings given by Your Structural Engineer. With Supply and Installation of 10mm thick 4 Layer Multiwall polycarbonate standing seam roofing sheet with required accessories. Sheet length : 15 Mtr as required. Make. COXWELL/DPI Colour: ICE	SQ.MT	239.96	8624.39	Rupees Eight Thousand Six Hundred Twenty Four and Paise Thirty Nine Only	20,69,508.62
49	GYPSUM CEILING Supplying and Fixing of Suspended ceiling system components which includes Single Layer Boarding with 12.5mm thick USG Boral Standard Plasterboard This includes of USG Boral Thundersteel Perimeter Channel (0.50mm thick having one flange of 20mm and another flange of 30mm and a web of 28mm) screw fixed to brick wall/partition with the help of approved screws at 600mm centers. Then suspending of USG Boral Thundersteel Intermediate channel (45mm x 0.90mm thick with two flanges of 15mm each) from the soffit at 1220mm centers with of USG Boral Thundersteel Ceiling Angle (25x10mmx0.50mm thick) fixed to RCC Slab with of USG Boral Soffit Cleat (37x27x25x1.6mm thick) and 8mm dia 40mm long Anchor Fastener @ 600mm Centers, respectively. USG Boral Thundersteel Ceiling Section (having web of 51 mm and two flanges of 27mm each) are then fixed to the of USG Boral Thundersteel Intermediate channel with the help of connecting clip (2.6mm Dia) and in perpendicular direction to the USG Boral Thundersteel intermediate channel at 457mm centers. USG Boral Thundersteel profiles are rolled with AZ Steel (150 GSM & 310 MPa Yield Strength) having base metal conforming to IS 513:2016 as per IS 15961:2017/ AS 1397:2001). 12.5mm thick USG Boral Standard Plasterboards (conforming to IS 2095 Part 1) is screw fixed with 25mm long Drywall screws at 230 mm centers. The screw fixing of gypsum boards to the metal framing at the periphery, openings and cut edges	SqM	954.0521	862.34406	Rupees Eight Hundred Sixty Two and Paise Thirty Four Only	822721.16

	should be at 150mm centers.All the Gypsum boards must be staggered. All joints to be taped & finished with USGBORAL Paper tape & All-Purpose Joint Compound confirming to ASTM C475. Material certificate to be provided by company. and approved surface design in suspended grid with all material, making of coves for indirect lighting ,grooves,cutting and labour,scaffolding, and as per instruction of engineer and as per detailed drawing & image as directed by the Architect and as approved by the Engineer in Charge.				
50	<p>SLETO WOODEN ACOUSTIC PANEL FOR CEILING-Providing and fixing ceiling acoustical paneling Fixing with Sound Strut screw fixed horizontal/vertical to wall at every 600mm c/c. Metal cleat can be fixed on top edges of Sound Strut Ceiling Section 55 fixed directly by stamping to the CS55 and Intermediate Channel-91 which is screw fixed directly to the wall where ever required and using Rock wool between framing and panel with technical specification of 50 Kg Density and 50MM thick glass wool and above CS55 fixing aluminum / GI channel with clip and fixing ecotone Sletto Acoustic Panel make Sletto EPD2 10-10 or as per selection as per architect of size 1200mmx2400mmx16mm thick up to 2400mm high as per the following specification :- Sletto EPD2 10-10 - 10mm hole with 10mm gap and center to center distance of 110MM in equal stagger manner, 1200 x 2400 x 16mm high grade MDF wood base Medium Density Fiber acoustic boards with Tongue & Groove Edge,2mm slot perforation @ 16mm centre, slates perforations, The acoustic shouldbe furnished with a Black absorbent felt backing with an airflow resistance of 330-460 Ns/m³ (DIN 53887),wood practical core,NRC :should be Up to 0.75,should meet the safety requirements of EN14190. The colour of panel as approved by Architect and as specified and complete with all material, making of coves and cutouts for ac grills ,labour & scaffolding with all lead, lift and transport. and finished and complete the work satisfactorily as per instruction of architect or Engineer-in charge., material & labour complete as directed by Architect / Engineer – in – charge. BRAND (AMAZON,ARMSTRONG,ECOTONE) BASIC RATE 375 SQFT INCLUDING ALL MATERIAL</p>	SqM	1.00	4691.45	Rupees Four Thousand Six Hundred Ninety One and Paise Forty Five Only 4691.45
51	<p>WOODEN CEILING-Providing and fixing of wooden ceiling using 12 mm ply of brand greenply ecotech mr,century sainik mr,archiply etc, , aluminium channel & pipe(50 x 25 mm) for framing and suspension, screws etc. including all vertical support and all vertical surfaces from ceiling,necessary hardwares,75mm anchor fastners and complete with all material, making of coves and cutouts for ac grills ,labour & scaffolding with all lead, lift and transport. and finished and complete the work satisfactorily as per instruction of architect or Engineer-in charge.</p>	SqM	81.79	2477.61	Rupees Two Thousand Four Hundred Seventy Seven and Paise Sixty One Only 2,02,653.50

52	CEMENT SHEET CEILING -Providing and fixing of cement ceiling using 10 mm cement sheet of brand T.P.I, SHERA (single sides), etc. using aluminium framing of 25mm x 50mm x 1 mm in 600 x 600 mm grid, and same pipe for vertical framing, including all hardware item, aluminium L clits, 25 mm powder coated self drilling screws, groove (if shown) with all material, 75 mm anchor fastners, making of coves for indirect lighting, grooves, cutting, labour, SCAFFOLDING, lead and wastage etc. complete. And Finished with satin finish wall color and complete the work satisfactorily as per instruction of architect or Engineer-in charge.	SqM	42.58	2626.34	Rupees Two Thousand Six Hundred Twenty Six and Paise Thirty Three Only	1,11,842.06
53	G.I SOLID BAFFLE CEILING -Providing and fixing of SOLID G.I metal baffles on ceiling or wall of Galvanized Iron Baffle	SqM	143.67	4040.00	Rupees Four Thousand Forty and Paise Zero	580425.59
54	GLASS PARTITION WITH FILMWORK -Providing and fixing of full height glass partitions (AS PER DRAWINGS) using patch fitting / 25 or 50 mm U-channels with powder coating , 12mm clear toughned glass, film work as per drawing including all hardware items, silicon, etc with all material, labour, cutouts, edge polish , lead and wastage etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge.	SqM	114.00	4127.00	Rupees Four Thousand One Hundred Twenty Seven and Paise Zero Only	4,70,478.42
55	ABOVE CEILING PARTITION -Providing and fixing of above ceiling partitions (AS PER DRAWINGS) using 75 mm x 50 mm x 1 mm aluminium pipe for framing, with ghana wood infill etc. including all hardware item, with all material, labour, lead, scaffolding and wastage etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge.	SqM	21.00	2457.37	Rupees Two Thousand Four Hundred Fifty Seven and Paise Thirty Six Only	51,604.73
56	WOODEN PARTITION -Providing and fixing of full height solid sandwich partitions (AS PER DRAWINGS) using 50 x 50 mm aluminium pipe for framing (minimum grid size of 600 mm x 600mm), 12mm ply (both sides) of brand greenply ecotech mr, century sainik mr, archiply etc, teak wood beading patti etc. making of rebates and including all hardware items, groove (if shown) 50 MM TK , 24 kg density insulation if required, with all materials, hardwares, ss or powdercoated screws, labour, lead and wastage, scaffolding etc. complete. And Finished with different materials, and complete the work satisfactorily as per instruction of architect or Engineer-in charge.	SqM	74.00	4707.16	Rupees Four Thousand Seven Hundred Seven and Paise Fifteen Only	3,48,329.59
57	SINGLE GLASS DOOR SIZE (APPROX SIZE OF 0.90 X 2.45) - Providing and fixing of 12 mm tk toughned GLASS DOORS using Dorma XI-C 4001 Glass Door PKG EN 3 (Top Patch-1, Bottom patch-1, Floor Spring-1, Corner Lock-1); Dorma XI-C 4003 A Patch fitting for overpanel and sidelight; Dorma XI-C 4004 A Connector for overpanel and Sidelight; Dorma XI-C 4008 Side Connector; Dorma XI-C 3000 H Type Handle 400x22 CTC 300 AND AS PER DRAWING including all accessories, locks, material, silicone, labour, installation, Hole & slote charges etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge.	NO	2.00	37584.66	Rupees Thirty Seven Thousand Five Hundred Eighty Four and Paise Sixty Six Only	75,169.32

	SINGLE DOOR SIZE(APPROX SIZE OF 1.20X2.45) WITH FIXED GLASS TOP (APPROX SIZE OF 1.20 X 0.75 to 1.05)- Providing and fixing 12 mm tk of toughened GLASS DOORS using Dorma XI-C 4001 Glass Door PKG EN 3(Top Patch-1, Bottom patch-1, Floor Spring-1, Corner Lock-1); Dorma XI-C 4003 A Patch fitting for overpanel and sidelight; Dorma XI-C 4004 A Connector for overpanel and Sidelight; Dorma XI-C 4006 Central Connector; Dorma XI-C 4008 Side Connector; Dorma XI-C 3000 H Type Handle 400x22 CTC 300 , AND AS PER DRAWING including all accessories, locks,material, silicone,labour,installation, Hole & slote charges etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge.	NO	4.00	45668.64	Rupees Forty Five Thousand Six Hundred Sixty Eight and Paise Sixty Four Only	1,82,674.56
58	REFURBISHING THE EXISTING DOOR- Providing and fitting of 6mm ply & 1mm laminate on both the side (as per drawing & selection) brand greenply ecotech mr,century sainik mr,archiply etc on existing flush door and 25 mm to 50 mm tk teakwood beading patti for liping,framing and ACOUSTICAL PANNEL as per selection, and finishing it with laminate with 3mm x 3mm grooves if shown ,including all material, labour and hardware,125 mm s.s 304 grade hinges,fissure screws with plugs , heavy duty conceal door closer AND FLOOR SPRING , mortise door lock with entire set including cylinder as selected,tower bolt,stopper,colour , REMOVING OF OLD LAMINATE IF APPLIED and polish work as per instructions etc waste of materials, and complete the work satisfactorily as per instruction of architect or Engineer-in charge.[Basic Rate of Laminate : 2400rs./sheet (8' x 4')]	SqM	8.82	5800.72	Rupees Five Thousand Eight Hundred and Paise Seventy Two Only	51,162.39
59	TRAP DOOR FOR SERVICES- Providing and fixing of TRAPDOOR for ac using TWO SHUTTERS OF 25mm flush door(Made from pine framing AND AS PER DETAIL) for shutter & 18 mm ply for framing and vertical support (AS PER DRAWINGS)of brand door house or equivalent etc,ghana wood beading patti etc. including all hardware items like 4 nos allenkey lock ,stopper, hinges, groove (if shown) with all materials, labour, lead and wastage etc. complete. And Finished with different materials,and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(BASIC AREA OF TRAP DOOR IS 2.40X 2.00 MT (As per Dwg.) = 4.80 sq.m.	SqM	4.50	4981.68	Rupees Four Thousand Nine Hundred Eighty One and Paise Sixty Seven Only	22,417.56

60	<p>ACOUSTIC DOOR FOR AUDITORIUM-Providing & fixing of teakwood door frame of section 150x65mm along with fire and smoke in tumescent seal strip of size 12mmx4mm for 120 minutes fire rated and rw 35db acoustic door with minimum thickness of 93mm having infill of 50mm thick Knauf make glass wool of 48kg/m3 density sandwiched by two 12mm thick magnesium board (edge to edge on internal hardwood frame) and cladded with 6mm thick commercial ply facing and 3mm sheet rubber interlayer And finished with 1mm thick laminate as per designer and 25mm thick teakwood frame around the door panel as shown in the drawing. The board shall be resistant to vermin, mold growth, minor impact, abrasion and short term water attack and shall be in color as approved by the designer, the door shall have acoustic seal in door rebates and drop dead seal at the bottom of the door, the sound reducing doors also include door closer, door coordinator, panic bar with outside key and handle etcwith all materials, labour, lead and wastage etc. complete. And Finished with different materials,and complete the work satisfactorily as per instruction of architect or Engineer-in charge.</p>	SqM	68.60	10100.00	Rupees Ten Thousand One Hundred and Paise Zero Only	6,92,860.00
61	<p>WOODEN PANELLING-Providing and making of ply panelling on Wall & columns using 12mm ply brand greenply ecotech mr,century sainik mr,archiply etc , aluminium pipe for (2" x 1") framing(minimum grid size of 600 mmx 600mm), Ghana bidding patti (11/2" x 3/4") with depth upto 450 to 500 mm if required including all material, labour and hardware complete,including scaffolding with 50 mm thick glass wool with 6 to 8 mm perforation in equal distance as per instruction of architect. And Finished with different materials,polish work as per instructions,and complete the work satisfactorily as per instruction of architect or Engineer-in charge.</p>	SqM	655.67	3013.11	Rupees Three Thousand Thirteen and Paise Ten Only	19,75,604.18
62	<p>MDF FINISH WITH LAMINATE FINISH-Providing and fitting 6 MM MDF of 1 mm laminate (as per drawing & selection) of brand greenlam,merinolam,century etc on ply partition with 25 mm x 20 mm teakwood beading patti design on top as per drawing,and 3mm x 3mm bar code pattern grooves if shown, all material, adhesives,polish work in groove ,labour and hardware, waste of materials,polish work as per instructions, complete as per instruction of architect.[Basic Rate of Laminate : 2400rs./sheet (8' x 4')] and complete the work satisfactorily as per instruction of architect or Engineer-in charge.</p>	SqM	409.35	2153.60	Rupees Two Thousand One Hundred Fifty Three and Paise Fifty Nine Only	8,81,578.48

63	<p>ACOUSTICAL PANEL FINISH-Providing and fitting of acoustic panels with Standard size & thickness of 1220*2420*9mm.of brand Artois,KANUF ARMSTRONG,ecotone,trnaquil ,only.IN GRADIENT PATTERN,including synth pf of 24kg density, Panels should have Sound Absorption coefficient (NRC) 0.84. Formaldehyde emission standards of GB18580-2001 class E1, it should be a green material with asbestos-free, non-toxic and tasteless gas under extreme temperature, protecting the ozone layer, non-irritant and recyclable. acoustic panels have to be Fire-resistant as per China standard class B1. Good insulation properties, to prevent transmitting the heat from outdoor to indoor directly as partition or and ceiling, saving 35% of energy, extending the life of air conditioning.including all accessories,synth pf, material,cutting work of approved finishing,adhesives, behind pannel black out paint work on ply , labour etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(Basic rate of PANNEL-135 rs/sq.ft.)</p>	SqM	387.30	3061.95	Rupees Three Thousand Sixty One and Paise Ninety Four Only	11,85,895.63
64	<p>CARPET FLOORING(CUT PILE)-Providing and fixing of approved quality Carpet tile of brand Toli Yutaka,including all accessories, material, labour etc. complete. (Basic rate of Carpet- 150 rs/sq.ft.)Surface should be BCF Nylon 6.6 with Stain Release. Base fabric should be nonwoven polyester with glass fibre and pvc backing. Size of tile should be 500mm x 500 mm x 6mm with a pile height of 3 mm. Area of use shall be heavy commercial. CRI Green Label Plus Certification is GLP9978. Performance specifications include smoke density of less than 450 (ASTM E662), Electrostatic Propensity of 1.1kv (AATCC 134), Surface Flammability passes CPSC FF 1-70 (ASTM D2859), Dimensional Stability as per ASTM D 7570 and delamination strength exceeds backing strength.(Basic rate of CARPET-160 rs/sq.ft.)installation , adhesives,primer work,etc, as per instruction of Architect or Engineer-in charge. BRAND (TOLI,VITOFLOOR,UNITEX,MILLIKEN)</p>	SqM	4.65	2099.62	Rupees Two Thousand Ninety Nine and Paise Sixty Two Only	9,763.23
65	<p>LAMINATED WOODEN FLOORING INC. ALL-Providing and fixing of approved ac4 - ac5 quality 12 mm laminated wooden floor(WITH V-GROOVE) including all accessories, skirting profiles , reducer profiles, corner profiles ,vapour barrier/ hitlon ,material, labour,installation etc. guranteed for 20 years and class 23 heavy usage oin domestic area.and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(Basic rate of wooden floor-150 rs/sq.ft.)BRANDS: PARADOR , QUICK STEP , KRONO ORIGNAL GERMANY.</p>	SqM	1.68	2155.86	Rupees Two Thousand One Hundred Fifty Five and Paise Eighty Six Only	3,621.85
66	<p>BEADING PATTI PANNELING-Providing and fixing of 38 MM X 38 MM VALSADI TEAKWOOD , as per drawing at VARIOUS distance as per design including pu and 3 SIDE polish work on all sides of patti as per selection including all material, labour,and hardwares, waste of materials,etc and complete the work satisfactorily as per instruction of architect or Engineer-in charge.</p>	RMT	108.00	1396.61	Rupees One Thousand Three Hundred Ninety Six and Paise Sixty One Only	1,50,834.19

67	WALL COLOR - SATIN -Providing and applying satin paint of approved quality, company and shade upto finishing (min 3 coats) including lappi and primer work and all material, labour including scaffolding etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge. (Basic rate of SATIN paint- 28 rs/sq.ft.)	SqM	1.00	343.40	Rupees Three Hundred Forty Three and Paise Forty Only	343.40
68	PLASTIC PAINT -Providing and applying plastic paint of approved quality, company and shade upto finishing (min 3 coats) including all material, labour including scaffolding etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge. (Basic rate of plastic paint- 18 rs/sq.ft.)	SqM	996.64	224.22	Rupees Two Hundred Twenty Four and Paise Twenty Two Only	2,23,465.93
69	POP PUNNING -Providing and fixing of POP Punning and finished by company approved gypsum, taping, lapi, including scaffolding etc. and including grooves as shown in drawing And including satin paint complete with all material, labour with all lead, lift and transport.and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(Basic rate of POP PUNNING WITH TACHA WORK - 22 rs/sq.ft.)	SqM	150.00	275.73	Rupees Two Hundred Seventy Five and Paise Seventy Three Only	41,359.50
70	PODIUM TABLE -Providing and fixing of MAIN TABLE FOR AUDITORIUM including AND SPEAKER DICE,AND REQUIRED LOGO WORKS ON IT as per drawings and instructions provided, using ply of brand greenply ecotech mr, century sainik mr, srg etc., aluminium pipe for framing and finishing it with 6 MM CORIAN of brand granium,Tranquil,duPont ,and 1mm unicore laminate and 1mm laminate of brand greenlam or selected by the architect (basic rate of unicore laminate is 3000 per sheet and other 1mm laminate is 2000 per sheet, of size 8'0 x 4'0) including all material,m.s fabrication work with powder coating, labour and hardware, nylon leveler foot rubber, waste of materials ,polish work as per instructions etc. and complete the work satisfactorily as per instruction of Architect or Engineer-in charge. (APPROX RUNNING LENGTH OF TABLE IS 1.20 MT.)	No.	1.00	28280.00	Rupees Twenty Eight Thousand Two Hundred Eighty and Paise Zero Only	28,280.00
71	FLODING TABLE (1.20 X 0.75) -Providing and fixing FLODING TABLE ON STAGE of brand as per architects selection,and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(basic rate per piece is 5000/)	No.	0.00	7070.00	Rupees Seven Thousand Seventy and Paise Zero Only	0.00
72	STORAGE UNIT WITH LAMINATE FINISH -Providing and Making of Storages (AS PER DRAWINGS) using ply of brand of brand greenply ecotech mr,century sainik mr,srg etc,(thickness as specified)/ sag wood and finished by 1 mm Laminate outside as per selection of brand greenlam,merinolam,formica or 6mm HDF as per drawing, 1mm tk laminate (inside),water pu polish (as shown), drawers, shelves,with profile shutter with glass etc. with all hardware, nylon leveler foot rubber, handles,hinges, locks , magnet and other accessories with all material, installation,labour, lead and wastage,polish work as per instructions etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(Basic rate of Inside Laminate : 18 rs./sq.ft. & Outside Laminate : 53 rs./sq.ft.)	SqM	33.00	12410.43	Rupees Twelve Thousand Four Hundred Ten and Paise Forty Two Only	4,09,544.04

73	SOFA - 3-SEATER(AUDI) -Providing and fixing 3-seater sofa,as per drawings or selection using base WHITE ASH WOOD for framing with molded foam,and high density fom warwick brand rexine(as per architects selection) in sofa upholstery and ss204 grade corner legs with 5 years warranty and instructions provided, and ,and complete the work satisfactorily as per instruction of architect or Engineer-in charge..(appox lenght of sofa is 7'6") BASIC RATE 3400/RN FT.BRANDS : COHUMAN,DVARK,STEARLING	No.	4.00	25755.00	Rupees Twenty Five Thousand Seven Hundred Fifty Five and Paise Zero Only	1,03,020.00
74	CORNER TABLE & CENTER TABLE (approx 0.60 X 0.60) -Providing and fixing center or corner table of brand as per architects selection,with ms base with powder coating and top will be glass or stone as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(basic rate per piece is 6000/-)COHUMAN,DVARK,STEARLING	No.	8.00	6565.00	Rupees Six Thousand Five Hundred Sixty Five and Paise Zero Only	52,520.00
75	PLASTIC CHAIR WITH CUSIONING FOR ALL VISITOR -Providing and sulppying plastic chair with cusining of High-grade 100 percent virgin polymers which ensure its longevity,Ergonomically designed plastic chair for home with a lacquered finish, heavy-duty armrest, back and seat cushion made up of velvet upholstery and PU material for maximum comfort as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge.Basic rate of chair is 2200/- per chair BRANDS :Supreme Ornate	No.	0.00	2525.00	Rupees Two Thousand Five Hundred Twenty Five and Paise Zero Only	0.00
76	DINING TABLE WITH 6 CHAIR -Providing and fixing of DINING TABLE with 6 chair of size 1.80 MT DIA using 20 mm nano white stone (basic rate 650 sqft) at top with dhar polish and fabricated base of ms frame with powder coating AS PER SELECTION WITH 6 plastic CHAIRS with cushioning (BASIC RATE 1500) as per drawing or selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge	No.	0.00	38380.00	Rupees Thirty Eight Thousand Three Hundred Eighty and Paise Zero Only	0.00
77	ROLLER CURTAIN -Providing and fixing of approved quality roller blinds using MARVEL ,phifer fabric of premium grade, with roller tube, bottom bar leveller made of extruded aluminium alloy an Idler, Insert Type- Brackets, PVC chain etc. all complete at all floor and heights as per approved specification. Roller Tube Control, Clutch, Idler Side by side or single Roller Tube of extruded Aluminium 38mm inner dia - 41mm outer dia minimum wall thickness of 1.6mm. Roller blind - roller blind fabric should be made up of 35% FibreGlass, 65% PVC, it should have specific low emissivity treatment and lead free with Greenguard gold certification. It should have 3% to 5% openness, fabric thickness should be 0.43 mm, mesh weight approx 400 gms/ sqmtr. It should cut UV rays, with antimicrobial properties preferably with Microban. The fabirc should be Flame retardant and Lead Free. It should be GreenGuard certified with Gold Standard for low chemical emissions for indoor use. (Basic rate of Roller blinds- 110rs/sq.ft.)including all accessories, material, labour,installation etc..and complete the work satisfactorily as per instruction of architect or Engineer-in charge..	SqM	15.50	1483.43	Rupees One Thousand Four Hundred Eighty Three and Paise Forty Two Only	22,993.12

78	BACKLIT LOGO-(GMC LOGO) : Providing and fixing of BACKLIT LOGO& FULL Name Text (GMC) in LETTERS size of 300 to 450 mm as per design using 10 mm clear Acrylic cut work and fixing 3mm acrylic on top of brand Ptglass,astari etc, 4mm Acp of 0.5 mm tk for profiling,as per detail,3M vinyl with 5 years warranty on fading with all laser and cnc work,including all material,osral led modules including drivers as required with 5 years warranty , labour,all required m.s fabrication,100 mm ss studs for mounting and other hardwares, waste of materials,scaffolding, labour,lead, transport, and installation, etc and complete the work satisfactorily as per instruction of architect or Engineer-in charge.	SqM	4.25	15150.00	Rupees Fifteen Thousand One Hundred Fifty and Paise Zero Only	64,387.50
79	S.S NAME PLATE SMALL -Providing and fixing of 2MM TK S.S 316 GRADE matt finish NAME PLATE with cut work and fixing 3mm acrylic on top or behind of brand Ptglass,astari etc,with all laser and cnc work,and wooden finish back board ,including all material,SCAFFOLDING labour,15 mm ss studs for mounting and other hardwares, waste of materials etc and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(BASIC SIZE OF NAME PLATE 150 MM X 900 MM)	No.	20.00	1515.00	Rupees One Thousand Five Hundred Fifteen and Paise Zero Only	30,300.00
80	HANGING LIGHT DECORATIVE -Providing & fixing of DECORATIVE HANGING LIGHT with box type aluminium housing ,frosted acrylic at bottom OR CHROME AND METAL WITH BULBS , end caps,hanging strings etc as per selection with 48 watt Tranquil led strips & driver suggested & as directed by EIC/Consultant.and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(BRAND wipro,philips,jaguar OR EQUIVALENT) BASIC RATE 42500 PER NO	No.	0.00	50500.00	Rupees Fifty Thousand Five Hundred and Paise Zero Only	0.00
81	LED COB LIGHT 16-20W (LED Spotlight, 30 Degree Spread) - Supplying and erecting LED indoor fittings with LEDs of wattage of 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 polyester powder coated and high U.V & corrosion resistance with diffuser and/ or Polycarbonate optics with company mark / name engraved or embossed. 120 to 300V, Power Factor more than 0.9, THD < 10%, CCT 3000K to 6500K, Uniformity ratio > 0.7, Luminaire efficacy > 85 lumens/watt. LED driver efficiency > 85%. CREE / OSRAM / PHILIPS LUMILEDS / NICHIA / SEOUL / BRIDGELUX (U.S.A) make LED used for luminaire with Lumen output of 600 to 1200 lm. (Each fitting required LM-79 & LM-80 certificates) (C) Square /Circular, Surface / Recessed Mounted Downlight with High Power COB LED as light source provision for spring loaded mounting clips complete. Final Decison is Taken By EIC/Consultant.	No.	1.00	2777.50	Rupees Two Thousand Seven Hundred Seventy Seven and Paise Fifty Only	2,777.50
82	PAINTING - 24"X24" -Providing and fixing of 24" x 24" painting with fibre frame with good quality digital laser printing paper should be 200 gsm and pasting on hard board backing hand painting on canvas as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge.Basic rate of painting is 3500/- per painting	No.	10.00	4065.25	Rupees Four Thousand Sixty Five and Paise Twenty Five Only	40,652.50

83	PAINTING - 36"X36" -Providing and fixing of 36" x 36" painting with fibre frame with good quality digital laser printing paper should be 200 gsm and pasting on hard board backing or hand painting on canvas as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge.Basic rate of painting is 6500/- per painting	No.	10.00	7549.75	Rupees Seven Thousand Five Hundred Forty Nine and Paise Seventy Five Only	75,497.50
84	PLANTER WITH REAL PLANTS -Providing and fixing 13 inch dia planter/pots of frp or plastic including drain tray with real indoor plants as per selection,including 3 feet ht plants of brand seasonal dekor or as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(BASIC RATE OF POT IS RS 1880/-)	No.	50.00	3030.00	Rupees Three Thousand Thirty and Paise Zero Only	1,51,500.00
85	PLANTER WITH ARTIFICIAL PLANTS -Providing and fixing of 22 inch dia planter/pots of roto moulded plastic with artificial indoor plants as per selection and including artificial plants of 4 feet ht of brand seasonal dekor or as per selection,complete the work satisfactorily as per instruction of architect or Engineer-in charge.(BASIC RATE OF ARTIFICIAL PLANTER IS RS 2900/- AND POT IS RS 1980/-)	No.	1.00	6211.50	Rupees Six Thousand Two Hundred Eleven and Paise Fifty Only	6,211.50
86	WALL CLOCK -Providing and fixing of 12 to 16 inch dia wallclocks of brand quartz or as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(basic rate of wall clock is rs 1020/-per piece)	No.	3.00	1212.00	Rupees One Thousand Two Hundred Twelve and Paise Zero Only	3,636.00
87	INDOOR FLOOR MAT -Providing and fixing indoor floor matt of brand my floor or as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(basic size of matt is 1.20 x 0.60 mt)	No.	3.00	1111.00	Rupees One Thousand One Hundred Eleven and Paise Zero Only	3,333.00
88	PVC DUSTBIN -Providing & Supplying of 8 to 10 in dia and 12 to 15 inc ht P.V.C. Dustbin of brand cello,pigeon etc. complete as per selection & directed by the Architect and approved by the Engineer in Charge.(BASIC RATE OF DUSTBIN IS RS 722/-)	No.	5.00	858.50	Rupees Eight Hundred Fifty Eight and Paise Fifty Only	4,292.50
89	MIRROR FINISH(5mm thick Looking Mirror) -Providing and fitting of mirror/glass (as per drawing & approved shade)of brand ais,modiguard,etc on ply panelling / on tile cladding including all material, labour and hardware, cutouts, edge polishes,waste of materials and complete the work satisfactorily as per instruction of architect or Engineer-in charge.	SqM	22.75	1937.15	Rupees One Thousand Nine Hundred Thirty Seven and Paise Fourteen Only	44,070.16
90	FLOOR PROTECTOR -Providing and fixing of 5 MM FLOOR PROTECTOR as per selection ,taping,removing and cleaning the surface,and complete the work satisfactorily as per instruction of architect or Engineer-in charge.	SqM	750.00	65.65	Rupees Sixty Five and Paise Sixty Five Only	49,237.50
91	SCAFFOLDING -Providing and fixing of bamboo scaffolding, for entire project as per requiremnt of the agency with fixing and removing the entire scaffolding after the work completion and complete the work satisfactorily as per instruction of architect or Engineer-in charge.	PER DAY	25.00	10100.00	Rupees Ten Thousand One Hundred and Paise Zero Only	2,52,500.00
92	DEEP CLEANNING WORK -Providing and cleanning for the enitre AUDITORIUM HALL and other area as well from starting to the end of the project with deep cleaning satisfactorily as per instruction of architect or Engineer-in charge.	Job	2.00	45450.00	Rupees Forty Five Thousand Four Hundred Fifty and Paise Zero Only	90,900.00

93	TERMITE TREATMENT IN FLOORING AND WALL- Providing and Spraying imidaclopid30.5%sc(primise from bayer)on all conference walls and slab surface before tiling, after that Making 10 mm Holes at the interval of 1'-0"ft at the Junction of floor & Wall & Sides of all wooden frames, pressurizing imidaclopid30%sc(primise from bayer) (approved Chemical for Termite Control by central Insecticide Board, Gov. Of India and recommended by bureau of Indian Standards) [IS 6313 : 1981 Part II – III] in to it & fill it with cement. and complete the work satisfactorily as per instruction of architect or Engineer-in charge.	SqM	1500.00	80.80	Rupees Eighty and Paise Eighty Only	1,21,200.00
94	Automatic Air Freshener Dispenser With Refill- Providing & Supplying of automatic air freshener dispenser with bottle of aroma with batteries . complete as per selection & directed by the Architect and approved by the Engineer in Charge.(BASIC RATE OF AIR FRESHENER IS RS 2500/-)	No.	10.00	2903.75	Rupees Two Thousand Nine Hundred Three and Paise Seventy Five Only	29,037.50
95	EPOXY- Providing & applying Roff Rainbow Tile Mate Epoxy Grout is a three-component epoxy-based tile joint filler.It consists of a resin, a hardener, and a filler.Water-Resistant: This epoxy grout is waterproof, Stain-Free: It resists stains and won't absorb liquids.Crack-Free: The grout ensures minimal water seepage due to its crack-free properties.Chemical-Resistant: It withstands exposure to various chemicals.Hard-Wearing: Designed for durability and longevity.Impervious: Provides a high degree of resistance to abrasion, impact, and shocks. color as per selection & directed by the Architect and approved by the Engineer in Charge.	RMT	1000.00	101.00	Rupees One Hundred One and Paise Zero Only	1,01,000.00
96	Providing and erecting approved make split air-conditioning unit consisting of copper condensing unit with fan motor, 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 powder coated Stand, Eco Friendly green gas charging, 15A plug top & Remote Control) with necessary core cutting. (c) for 2 ton capacity	Ea.	4.00	38820.36	Rupees Thirty Eight Thousand Eight Hundred Twenty and Paise Thirty Six Only	1,55,281.44
97	Supplying & installing MS standard type stand mounting for outdoor unit of Split A.C. upto 4 TR capacity erected with necessary hardware materials as directed.	Ea.	4.00	643.37	Rupees Six Hundred Forty Three and Paise Thirty Seven Only	2,573.48
98	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	Rmt.	80.00	822.14	Rupees Eight Hundred Twenty Two and Paise Fourteen Only	65,771.20

99	Supply, Installation, testing and commissioning including vaccumiazation and Nitrogen testing of following nominal sizes of soft/hard drawn copper refrigerant piping for VRV system, complete with fittings, with suitable adjustable ring type hanger supports, jointing/brazing including accessories, insulated with XPLE Class-0 tubular insulation/with Class-0 closed cell elastometric nitrile rubber tubular sleeves sections of specified thickness as given below for Suction and Liquid lines, all accessories as per specifications etc with necessary refrigerant joint as required : (D) 15.86 mm dia (OD) (Soft drawn) with tube thickness 1.2 mm with 19 mm thick insulation	Mtr.	150.00	566.61	Rupees Five Hundred Sixty Six and Paise Sixty One Only	84,991.50
100	(E) 19 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	Mtr.	150.00	668.62	Rupees Six Hundred Sixty Eight and Paise Sixty Two Only	1,00,293.00
101	(F) 22.2 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	Mtr.	100.00	822.14	Rupees Eight Hundred Twenty Two and Paise Fourteen Only	82,214.00
102	(G) 25.4 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	Mtr.	100.00	968.59	Rupees Nine Hundred Sixty Eight and Paise Fifty Nine Only	96,859.00
103	(H) 28.58 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	Mtr.	120.00	1028.18	Rupees One Thousand Twenty Eight and Paise Eighteen Only	1,23,381.60
104	(I) 31.8 mm dia (OD) (Hard drawn) with tube thickness 1.62 mm with 19 mm thick insulation	Mtr.	80.00	1079.69	Rupees One Thousand Seventy Nine and Paise Sixty Nine Only	86,375.20
105	(J) 34.9 mm dia (OD) (Hard drawn) with tube thickness 1.62 mm with 19 mm thick insulation	Mtr.	50.00	1139.28	Rupees One Thousand One Hundred Thirty Nine and Paise Twenty Eight Only	56,964.00
106	(A) Cord type remote control with thermostat, LED Display and internal wiring for Cassette, FCU & CSU	Ea	6.00	1575.60	Rupees One Thousand Five Hundred Seventy Five and Paise Sixty Only	9,453.60

107	<p>Providing installing, commissioning, testing approved make air cooled package units of following capacity complete with hermetically sealed scroll compressor Of following TR @ 400 CFM(minimum) per TR capacity with maximum noise level 60 dB from 1 mtr from indoor unit and remote located condensing unit and evaporating unit with inter connecting copper refrigerant piping up to 10 RMT. comprising of following</p> <p>(A) The condensing unit complete with condenser fan motor, & the condenser which effectively achieves heat rejection by utilizing cooling medium as air, in fan and cooling type condenser</p> <p>(B) The evaporating unit complete with Scroll compressor DX coil evaporator, centrifugal blower, blower motor, starter, complete with first charge of Eco Friendly Green gas and oil with refrigerant piping, inter connecting indoor and outdoor unit and drain canvass connection & condenser M.S. structure with red oxide and/or RCC Pedestal and approved paints [D] For 11 TR</p>	Ea	4.00	229103.35	Rupees Two Lakhs Twenty Nine Thousand One Hundred Three and Paise Thirty Five Only	9,16,413.40
108	Supply Installation Testing Commissioning of 18000 CFM AHU with static pressure with Supply, Return, Exhaust & Fresh Air , Coil 4 Row 40 TR & Air Filters (02 Nos Blower)	No	1.00	606000.00	Rupees Six Lakhs Six Thousand and Paise Zero Only	6,06,000.00
109	Nitrogen Testing & vacuuming for All Circuit	Lot	1.00	51005.00	Rupees Fifty One Thousand Five and Paise Zero Only	51,005.00
110	Supplying colourless non inflammable refrigerant Gas R-410	KG	60.00	770.63	Rupees Seven Hundred Seventy and Paise Sixty Three Only	46,237.80
111	MS Fabrication for condensing unit	KG	1200.00	136.35	Rupees One Hundred Thirty Six and Paise Thirty Five Only	1,63,620.00
112	Rigid UPVC drain pipe of 10 Kg/cm2. rating with 9 mm thick.nitrile rubber insulation.(B) 40 mm dia.	Rmt.	50.00	94.94	Rupees Ninety Four and Paise Ninety Four Only	4,747.00
113	Rigid UPVC drain pipe of 10 Kg/cm2. rating with 9 mm thick.nitrile rubber insulation.(C.) 32mm dia.	Rmt.	30.00	77.77	Rupees Seventy Seven and Paise Seventy Seven Only	2,333.10
114	Rigid UPVC drain pipe of 10 Kg/cm2. rating with 9 mm thick.nitrile rubber insulation.(D) 25 mm dia.	Rmt.	20.00	77.77	Rupees Seventy Seven and Paise Seventy Seven Only	1,555.40
115	Supply, installation, balancing and commissioning of factory fabricated GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required.A) Thickness 0.63 mm sheet (24 Gauge)	Sq.Mtr.	550.00	1122.11	Rupees One Thousand One Hundred Twenty Two and Paise Eleven Only	6,17,160.50

116	Supply, installation, balancing and commissioning of factory fabricated GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required(B) Thickness 0.80 mm sheet (22Gauge)	Sq.Mtr.	50.00	1301.89	Rupees One Thousand Three Hundred One and Paise Eighty Nine Only	65,094.50
117	Supply, installation, balancing and commissioning of factory fabricated GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required (C.) Thickness 1.00 mm sheet (20Gauge)	Sq.Mtr.	20.00	1438.24	Rupees One Thousand Four Hundred Thirty Eight and Paise Twenty Four Only	28,764.80
118	Supply, installation, testing and commissioning of GI volume control duct damper complete with neoprene rubber gaskets, nuts, bolts, screws linkages, flanges etc, as per specifications.	Sq.Mtr.	30.00	7156.86	Rupees Seven Thousand One Hundred Fifty Six and Paise Eighty Six Only	2,14,705.80
119	Supplying, fixing testing commissioning of supply air diffuser of powder coated aluminium with aluminium volume control dampers with anti smudge ring & removable core and size & shape as per site requirement and approved design.	Sq.Mtr.	6.00	11548.34	Rupees Eleven Thousand Five Hundred Forty Eight and Paise Thirty Four Only	69,290.04
120	Supplying, fixing testing commissioning of Return air diffuser of powder coated aluminium without volume control dampers with anti smudge ring & removable core and size & shape as per site requirement and approved design..	Sq.Mtr.	9.00	7969.91	Rupees Seven Thousand Nine Hundred Sixty Nine and Paise Ninety One Only	71,729.19
121	Supply and fixing of acoustic lining of supply air duct and plenum with 25 mm thick resin bonded glass wool having density of 32 kg/m ³ , with 25 mm X 25 mm GI section of 1.25 mm thick, at 600 mm centre to centre covered with Reinforced Plastic tissue paper and 0.5 mm thick perforated aluminum sheet fixed to inside surface of ducts with cadmium plated nuts, bolts, stick pins, CPRX compound etc. complete as required and as per specifications.	Sq.Mtr.	3.00	702.96	Rupees Seven Hundred Two and Paise Ninety Six Only	2,108.88
122	Supplying and fixing of following thickness duly laminated aluminum foil of mat finish closed cell Nitrile rubber (Class "O") insulation on existing duct after applying suitable adhesive for Nitrile rubber. The joints shall be sealed with 50 mm wide and 3 mm thick self adhesive nitrile rubber tape insulation complete as per specifications and as required.(A) 19mm	Sq.Mtr.	550.00	745.38	Rupees Seven Hundred Forty Five and Paise Thirty Eight Only	4,09,959.00
123	Supplying and fixing of following thickness duly laminated aluminum foil of mat finish closed cell Nitrile rubber (Class "O") insulation on existing duct after applying suitable adhesive for Nitrile rubber. The joints shall be sealed with 50 mm wide and 3 mm thick self adhesive nitrile rubber tape insulation complete as per specifications and as required (B) 25mm	Sq.Mtr.	200.00	933.24	Rupees Nine Hundred Thirty Three and Paise Twenty Four Only	1,86,648.00

124	Point wiring for Light / Bell with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured/metallic/white front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed.(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete Cat. III	Point	259.00	449.45	Rupees Four Hundred Forty Nine and Paise Forty Five Only	1,16,407.55
125	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 with 3 mm thick PC(Polycarbonate) / Acrylic sheet for open / concealed wiring. with necessary Lamp holder / ceiling rose / H.D.Connector as directed.Note:- Maximum up to 6 mtrs length, excess will be considered as Mains for Secondary Point. (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete	Point	339.00	135.82	Rupees One Hundred Thirty Five and Paise Eighty Two Only	46,044.61
126	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. (a) with medium class Rigid PVC pipe and accessories erected flushed on wall/ceiling complete Cat. III	Pt	6.00	530.25	Rupees Five Hundred Thirty and Paise Twenty Five Only	3,181.50
127	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. (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete	Point	8.00	629.23	Rupees Six Hundred Twenty Nine and Paise Twenty Three Only	5,033.84
128	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.(23) USB Charger with output of 5 V DC,2.1 A with inbuilt surge protection. Cat-III	Ea	30.00	650.44	Rupees Six Hundred Fifty and Paise Forty Four Only	19,513.20

129	Point wiring for Individual Plug with & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected complete with Modular type switch & 5 pin Plug erected on PVC / Metallic/Wooden box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories.[I] For 6A Plug and 6 a switch with 2-1.5 sq.mm Cu. Wire from nearby switchboard/mcb db board (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete CAT III	Point	37.00	473.69	Rupees Four Hundred Seventy Three and Paise Sixty Nine Only	17,526.53
130	Point wiring for Individual Plug with & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected complete with Modular type switch & 5 pin Plug erected on PVC / Metallic/Wooden box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories.(III) [II] For 16A Plug and 16 amp switch with 2-2.5 sq.mm Cu. Wire from mcb db board.(a) with medium class Rigid PVC pipe and accessories erected flushed on wall/ceiling complete CAT III	Point	45.00	669.63	Rupees Six Hundred Sixty Nine and Paise Sixty Three Only	30,133.35
131	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	Point	33.00	241.39	Rupees Two Hundred Forty One and Paise Thirty Nine Only	7,965.87
132	Providing & erecting Switch board for Computer or electric apparatus consisting of following modular type accessories mounted with PVC / Metallic concealed/open box with single mounting base frame covered with textured/metallic /white front plate,modules erected with necessary connections as directed 1 no. 6A/16A universal plug-switch combined. 3 nos. 6A Switch 3 nos. 6A 5 pin Plug For Modular Type Accessories Cat. III	Each	10.00	1081.71	Rupees One Thousand Eighty One and Paise Seventy One Only	10,817.10
133	Providing following type of Modular Type Accessories mounted with pvc / metallic box, single mounting base frame covered with textured / metallic front plate , modules erected with necessary connection. As desired by Engineer In charge (8) Computer RJ-45 socket Cat III	Each	10.00	153.52	Rupees One Hundred Fifty Three and Paise Fifty Two Only	1,535.20
134	(7) Blank Plate Single Cat.III	Each	20.00	24.24	Rupees Twenty Four and Paise Twenty Four Only	484.80
135	(19) Modular Indicating Call Bell Cat.III	Each	3.00	314.11	Rupees Three Hundred Fourteen and Paise Eleven Only	942.33
136	Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (A) with medium class Rigid PVC pipe and accessories (a) 2 wire 1.5 sq. mm	Mtr.	1250.00	59.59	Rupees Fifty Nine and Paise Fifty Nine Only	74,487.50

137	Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (A) with medium class Rigid PVC pipe and accessories (b) 2 wire 2.5 sq. mm	Mtr.	845.00	78.78	Rupees Seventy Eight and Paise Seventy Eight Only	66,569.10
138	providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (A) with medium class Rigid PVC pipe and accessories (a) 2 wire 4 sq. mm (POWER PLUG AC)	Mtr.	625.00	107.06	Rupees One Hundred Seven and Paise Six Only	66,912.50
139	providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size A (b) 2 wire 6 sq. mm	Mtr	100.00	140.39	Rupees One Hundred Forty and Paise Thirty Nine Only	14,039.00
140	Providing and erecting Annealed bare Copper wire 8 to 16 SWG.	Kg	15.00	794.87	Rupees Seven Hundred Ninety Four and Paise Eighty Seven Only	11,923.05
141	Supply, Installation, Testing and Commissioning of suitable sweep, BEE 5 Star rated, Ceiling fan with Brush Less Direct Current (BLDC) permanent ferrite magnet Motor, class of insulation: B, Rust free 3 nos.Aluminium blades, 2 nos. canopies, shackle kit with earthing provision, copper winding, Power factor not < 0.9, Service Value (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350 RPM,230v (tolerance as per IS : 374-2019), THD < 10%, with remote unit for Speed Control and all remaining accessories including safety pin, nut bolts, washers, temperature rise = 75 degree C (Max.), suitable for 140 to 285 Voltage and rectifier circuit with surge, over current and overload protection , 50 Hz, Single phase AC Supply, earthing etc. Complete as required.[Make shall be approved by Engineer in Charge] (B) 1200 mm Sweep (48")	Ea	8.00	2885.57	Rupees Two Thousand Eight Hundred Eighty Five and Paise Fifty Seven Only	23,084.56
142	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.	Mtr	8.00	108.07	Rupees One Hundred Eight and Paise Seven Only	864.56
143	Supplying & erecting fan hook box of 10 mm M.S. round bar bounded to the RCC bars up to 50mm length each side and pierced through a 16 Gauge M.S. box / Heavy Duty PVC box complete erected concealed in Ceiling with necessary finishing.	Ea	8.00	108.07	Rupees One Hundred Eight and Paise Seven Only	864.56
144	Supplying & erecting approved make low noise decorative exhaust fan having square frame ABS body with inbuilt lowers & square frame. 200mm with 1350RPM Cat.II	Ea	5.00	1703.87	Rupees One Thousand Seven Hundred Three and Paise Eighty Seven Only	8,519.35

145	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 [D] 450 mm dia 900 RPM Cat.II	Ea	5.00	3339.06	Rupees Three Thousand Three Hundred Thirty Nine and Paise Six Only	16,695.30
146	Supplying & erecting Electronic Type Cordless Call Bell erected on PVC/Metal board having portable bell push working on D.C. & bell on 230V A.C. supply with cells / battery	Ea	2.00	238.36	Rupees Two Hundred Thirty Eight and Paise Thirty Six Only	476.72
147	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.	Ea	2.00	142.41	Rupees One Hundred Forty Two and Paise Forty One Only	284.82
148	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 (b) 25 mm	Mtr.	410.00	32.32	Rupees Thirty Two and Paise Thirty Two Only	13,251.20
149	Providing & erecting PVC Corrugated Flexible Conduit with required nos. of coupling, PVC bushes, Check-nuts etc. complete of following sizes.(1) 20 mm	Mtr	500.00	16.16	Rupees Sixteen and Paise Sixteen Only	8,080.00
150	Providing & erecting PVC Corrugated Flexible Conduit with required nos. of coupling, PVC bushes, Check-nuts etc. complete of following sizes(3) 32 mm	Mtr	50.00	26.26	Rupees Twenty Six and Paise Twenty Six Only	1,313.00
151	Providing & erecting 16 gauge HGS conduit pipe (as per IS) painted black surface/concealed of following size complete to be erected on/in wall or ceiling with erected with necessary saddles, screws, bends, junction boxes etc. with following (Nominal Bore) dia of pipes, in approved manner as directed (2) 25 mm	Mtr	250.00	104.03	Rupees One Hundred Four and Paise Three Only	26,007.50
152	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	Mtr	100.00	409.05	Rupees Four Hundred Nine and Paise Five Only	40,905.00
153	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 (a) single door (IP-30)	Ea	8.00	355.52	Rupees Three Hundred Fifty Five and Paise Fifty Two Only	2,844.16
154	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	Ea	4.00	1152.41	Rupees One Thousand One Hundred Fifty Two and Paise Forty One Only	4,609.64

155	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) suitable for (A) single phase incoming and horizontal single phase outgoing. (b) sheet steel double door (IP-43). (iv)12 way	Ea	4.00	1492.78	Rupees One Thousand Four Hundred Ninety Two and Paise Seventy Eight Only	5,971.12
156	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. (ii)6 way	Ea	2.00	2913.85	Rupees Two Thousand Nine Hundred Thirteen and Paise Eighty Five Only	5,827.70
157	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. (iii)8 way	Ea	9.00	2913.85	Rupees Two Thousand Nine Hundred Thirteen and Paise Eighty Five Only	26,224.65
158	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	Ea	2.00	2913.85	Rupees Two Thousand Nine Hundred Thirteen and Paise Eighty Five Only	5,827.70
159	providing and erecting Miniature circuit breaker single pole 6A to 25A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark Cat.III	Ea	325.00	112.11	Rupees One Hundred Twelve and Paise Eleven Only	36,435.75
160	Providing & erecting 240 V MCB double pole switch for lighting Load (B Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity (B) 40 Amp. Cat.III	Ea	2.00	295.93	Rupees Two Hundred Ninety Five and Paise Ninety Three Only	591.86
161	Providing & erecting 240 V MCB double pole switch for motor & inductive load (C Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity (A) 6 to 32 Amp.cat III	Ea	2.00	299.97	Rupees Two Hundred Ninety Nine and Paise Ninety Seven Only	599.94
162	Providing & erecting 240 V MCB double pole switch for motor & inductive load (C Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity (B) 40 Amp.	Ea	2.00	330.27	Rupees Three Hundred Thirty and Paise Twenty Seven Only	660.54
163	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 (a) 6 to 32 Amp. Cat.III	Ea	3.00	330.27	Rupees Three Hundred Thirty and Paise Twenty Seven Only	990.81

164	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 (b)40 Amp. Cat.III	Ea	4.00	668.62	Rupees Six Hundred Sixty Eight and Paise Sixty Two Only	2,674.48
165	Providing & erecting 415V MCB Four Pole Switch for Lighting Load (B curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity (b)40 Amp. Cat.III	Ea	8.00	638.32	Rupees Six Hundred Thirty Eight and Paise Thirty Two Only	5,106.56
166	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	Ea	10.00	737.30	Rupees Seven Hundred Thirty Seven and Paise Thirty Only	7,373.00
167	Approved make ELCBs / RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 6 KA and suitable for operation on single phase 240 V. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (i) 25 Amps.DP Cat. III	Ea	39.00	1969.50	Rupees One Thousand Nine Hundred Sixty Nine and Paise Fifty Only	76,810.50
168	Approved make ELCBs / RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 6 KA and suitable for operation on single phase 240 V. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (i) 40 Amps.DP Cat. III	Ea	30.00	1969.50	Rupees One Thousand Nine Hundred Sixty Nine and Paise Fifty Only	59,085.00
169	Approved make ELCBs / RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 6 KA and suitable for operation on single phase 240 V. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (i) 63 Amps.DP Cat. III	Ea	18.00	2654.28	Rupees Two Thousand Six Hundred Fifty Four and Paise Twenty Eight Only	47,777.04
170	JAJALUYA LED Par Lights 36 LED or approved equivalent make Stage Lights 9 Modes RGB DJ Lights with Sound Activated Remote and DMX Control DJ Uplighting for Birthday Party Events Wedding Christmas Stage Lighting (4 Packs) (Make should be approved by GMC)	Each	3.00	19046.94	Rupees Nineteen Thousand Forty Six and Paise Ninety Four Only	57,140.83
171	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 0.9, THD < 15%, CCT 3000 K to 6500K, Luminaire efficacy> 85 lumens/watt ,LED LED driver efficiency > 85 % (fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown. (A) Tube Light with integral driver (iv) 22-24 Watts, Surge - 2KV,IP-20, conventional 4 feet Cat III	Each	201.00	373.70	Rupees Three Hundred Seventy Three and Paise Seventy Only	75,113.70

172	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 (ii) 11-15 watts, Surge-2 KV Cat-III	Each	60.00	427.23	Rupees Four Hundred Twenty Seven and Paise Twenty Three Only	25,633.80
173	(iv) 22-24 watts, Surge-2 KV Cat-III	Each	44.00	758.51	Rupees Seven Hundred Fifty Eight and Paise Fifty One Only	33,374.44
174	(I) Adjustable spot light with COB led having aluminium reflector of following wattage (iv) 30 Watts	Each	180.00	2161.40	Rupees Two Thousand One Hundred Sixty One and Paise Forty Only	3,89,052.00
175	Providing & fixing 35mm Surface Led profile Housing with powder coating made from aluminium housing with Milky acrylic cover with matt finished, Linear profile with 48 WATT Tranquil LED STRIPS and driver suggested & as directed by EIC/Consultant and complete the work satisfactorily as per instruction of architect or Engineer-in charge. (MODEL NO : SL A015, BRAND SMART LUMINOUS OR EQUIVALENT APPROVED MAKE	Mtr.	100.00	1937.99	Rupees One Thousand Nine Hundred Thirty Seven and Paise Ninety Eight Only	1,93,798.80
176	"Supply Installation Testing Commissioning of Indoor Office Lighting 7-9w Recess Mounted Tilttable Spotlight downlighter with below features 1. Pressure die cast Aluminum alloy housing for better thermal conductivity. 2. With COB with Lens of 36-40 degree 3. Efficacy of Fixture more than or equal to 85 Lumens /watt Available with 6500K, 5700K, 4000K OR 3000K CCT. 4. CRI > 80, High efficiency driver with inbuilt surge protection, over voltage protection, short circuit protection and operating at > 0.9 PF. < 5% THD 5. LED life of more than 35000 Hrs @ L70. 6. The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported. (Approved Led source Nichia, Cree, Lumileds, Osram Only) Approved Make.: WIPRO/TISVA/HAVELLS/LIGHTING TECHNOLOGIES/PHILIPS"	Ea	30.00	833.25	Rupees Eight Hundred Thirty Three and Paise Twenty Five Only	24,997.50

177	<p>"Supply Installation Testing Commissioning of Indoor cove mounted</p> <p>1.) Strip should be mounted in Heavy 18X18mm corner 45degree customized Extruded Aluminium alloy CORNER TYPE PROFILE with milky diffuser</p> <p>2) Efficacy of Strip ≥ 100 Lumens/Watt</p> <p>3) Wattage of strip should be 12-15w/m. Should have a dotless continuous effect. Available with 6500K, 5700K, 4000K OR 3000K CCT.</p> <p>4) Should be operated using remote driver of 24V Dc only, kept at suitable locations for future maintainance.</p> <p>5) Quantity are in running metres</p> <p>6) The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported .(Approved Led source Nichia , Cree, Lumileds , Osram Only)</p> <p>Approved Make.: WIPRO/TISVA/HAVELLS/LIGHTING TECHNOLOGIES/PHILIPS"</p>	Mtr	800.00	853.45	Rupees Eight Hundred Fifty Three and Paise Forty Five Only	6,82,760.00
178	<p>"Supply Installation Testing Commissioning of (bAFFLE LIGHT) Indoor 30-34w Recessed Mounted 60mm Linear office lighting of 1200mm length with below features</p> <p>1) Cut out required 60mm.</p> <p>2)The product should be Manufactured in India (all the Components should be manufactured in India except the Led source which can be imported) .</p> <p>3) Available only in PCB option. Should be 4 feet length and can be connected with polycarbonate diffuser profile for continuous decorative illumination</p> <p>4) LED life of 50000 Hrs @ L70. IP20 Protection, Available with 6500K, 5700K, 4000K OR 3000K CCT.</p> <p>5) should come with Anodised aluminium end caps firmly fixed on the aluminium extrusion</p> <p>6) should come with High end driver for better life and performance.</p> <p>Approved Make.: WIPRO/TISVA/HAVELLS/LIGHTING TECHNOLOGIES/PHILIPS"</p>	Ea	65.00	3035.05	Rupees Three Thousand Thirty Five and Paise Five Only	1,97,278.25
179	<p>"Supply Installation Testing Commissioning of Outdoor Architectural Post Top luminaire with Available system Wattage 40W ($\pm 5\%$) with System Efficacy not less than 75Lm/W, Diffused Optics with 360° Roto-Symmetric Distribution, 100% DLOR ensuring No upwards light spillage, Available in 3000K CCT, CRI>70, SDCM<5, THD$<5\%$, PF>0.9, LED life 50,000 BHRS@L70, PDC Aluminium Alloy housing for optimum thermal management, Clear UV Stabilized Injection molded PC diffuser for wide distribution and non-yellowing over the time, PCB Used for Making Light Engine should be Metal Core PCB made of high grade Al 5052 with minimum 70 micron copper thickness & 2 W/mk thermal conductivity for better thermal maintainance for light Engines. Corrosion resistant Nano technology power coating of Silver Grey/Black Color/Terracota Red (As per selection by Dept. or Architect) . Luminaire has a Ingress protection of IP66 and Impact Resistance of IK08. Integral encapsulated high efficiency electronic driver having a with rated voltage of 140-270V, Inbuilt surge protection of 6 KV and upgraded with integrated IP67 protected SPD of 20KV/10KA surge protection with all necessary safety protection like mis-wiring, Over voltage, Short circuit, Reverse Polarity protection. Fixture is compatible for Pole with 76mm Dia. IES, LM 79, LM 80, & TTC certificates will be provided from NABL accredited lab.</p> <p>Luminaire performance & Safety :IEC 60598, IS 10322-5, IS 161-03/05/06/07, Surge : IEC 61000-4-5, EMC : EN 55015</p>	Ea	12.00	14847.00	Rupees Fourteen Thousand Eight Hundred Forty Seven and Paise Zero Only	1,78,164.00

180	<p>Supplying and erecting approved make Pole (Standard) Made from HR sheet steel. The pole should be made as per IS. and shall be coated with hot dip galvanizing as per IS 2629/2633/4759 with required base plate and integral Junction box consist of terminal plate of min 6mm Hylam sheet, standard profile 35mmX7.5mm Din-Rail for MCB Mounting, stud type terminal and arrangement for cable terminations erected on suitable foundation (included) with necessary nut-bolts/J-Bolts. as per details given by manufacturer considering site requirement.Color finish of the pole to be approved from the architect.</p> <p>The length of poles are as below (D) 4 Mtr. Long 65mm Top X155 mm bottom dia, 3mm thickness.</p>	Ea	20.00	15857.00	Rupees Fifteen Thousand Eight Hundred Fifty Seven and Paise Zero Only	3,17,140.00
181	<p>Providing & erecting Approved make Power Saving 50 Watt Ceiling Fan with double ball bearing ISI mark with Condenser 230 volt A.C. 50 Hz 1200 mm sweep complete having 3blades with aluminium blades with , canopy & 30 cm. down rod erected with earthing.(Make shall be approved by Engineer in charge))</p>	Each	8.00	1948.29	Rupees One Thousand Nine Hundred Forty Eight and Paise Twenty Nine Only	15,586.32
182	<p>Supplying & erecting fan hook box of 10 mm M.S. round bar bounded to the RCC bars up to 50mm length each side and pierced through a 16 Gauge M.S. box / Heavy Duty PVC box complete erected concealed in Ceiling with necessary finishing.</p>	Each	8.00	108.07	Rupees One Hundred Eight and Paise Seven Only	864.56
183	<p>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 [D] 450 mm dia 900 RPM Cat.II</p>	Each	6.00	3339.06	Rupees Three Thousand Three Hundred Thirty Nine and Paise Six Only	20,034.36
184	<p>Supplying and erecting approved make oscillating type bracket fan A.C. 230V. 50cy/s 400/450 mm sweep wall mounted with height adjustment and rotary tilting device complete with guard, flexible Core plug top complete erected with lead wires as directed. Cat.II</p>	Ea.	2.00	2534.09	Rupees Two Thousand Five Hundred Thirty Four and Paise Nine Only	5,068.18
185	<p>Providing & erecting weather proof, dust & vermin proof, floor mounted front operated indoor type cubical panel board necessary IP-42 and above protection as per approval from engineer incharge made from 14 SWG thick CRC M.S. sheet for outer body & doors, 16 SWG thick CRC M.S.sheet for internal partitions with necessary accessories , supporting angles/ flats channel including cutting, bending, drilling, welding, riveting with internal partitions & cable alley as per requirements & instruction of engineer-in-charge with erection of supplied switch gears, BUSBARS, suitable size of inter connecting PVC copper wire / copper-aluminium strips, rubber grommets, rib, bakelite control fuses/MCB for measuring instruments, earth bus & earth bolts, foundation flange - bolts-base Plates, sufficient nos. of hinged doors, handles with locking arrangement and rubber gasket,heavy duty end terminal connection,danger notice board,necessary ventilation,earthing strip complete. The Panel shall be painted with epoxy powder coating.(The rates excludes the cost of switchgears, bus bars, inter connecting mains & Copper Aluminium strips, meters, Fuses etc. The dimension shall be measured excluding base beams) The panel shall be supplied with following approved manufacturers with following size.</p> <p>(B) The standard companies switch gear shall be used and only manufacturers at CPRI approved factory (iv) with 1000 mm. depth</p>	Sq.Mtr	8.00	40999.94	Rupees Forty Thousand Nine Hundred Ninety Nine and Paise Ninety Four Only	3,27,999.52

186	<p>Providing & erecting weather proof, dust & vermin proof, floor mounted front operated indoor type cubical panel board necessary IP-42 and above protection as per approval from engineer incharge made from 14 SWG thick CRC M.S. sheet for outer body & doors, 16 SWG thick CRC M.S. sheet for internal partitions with necessary accessories, supporting angles/ flats channel including cutting, bending, drilling, welding, riveting with internal partitions & cable alley as per requirements & instruction of engineer-in-charge with erection of supplied switch gears, BUSBARS, suitable size of inter connecting PVC copper wire / copper-aluminium strips, rubber grommets, rib, bakelite control fuses/MCB for measuring instruments, earth bus & earth bolts, foundation flange - bolts-base Plates, sufficient nos. of hinged doors, handles with locking arrangement and rubber gasket, heavy duty end terminal connection, danger notice board, necessary ventilation, earthing strip complete. The Panel shall be painted with epoxy powder coating. (The rates excludes the cost of switchgears, bus bars, inter connecting mains & Copper Aluminium strips, meters, Fuses etc. The dimension shall be measured excluding base beams) The panel shall be supplied with following approved manufacturers with following size.</p> <p>(B) The standard companies switch gear shall be used and only manufacturers at CPRI approved factory (ii) with 550 mm. Depth</p>	Sq.Mtr	8.00	19387.96	Rupees Nineteen Thousand Three Hundred Eighty Seven and Paise Ninety Six Only	1,55,103.68
187	<p>Providing & erecting weather proof, dust & vermin proof, floor mounted front operated indoor type cubical panel board necessary IP-42 and above protection as per approval from engineer incharge made from 14 SWG thick CRC M.S. sheet for outer body & doors, 16 SWG thick CRC M.S. sheet for internal partitions with necessary accessories, supporting angles/ flats channel including cutting, bending, drilling, welding, riveting with internal partitions & cable alley as per requirements & instruction of engineer-in-charge with erection of supplied switch gears, BUSBARS, suitable size of inter connecting PVC copper wire / copper-aluminium strips, rubber grommets, rib, bakelite control fuses/MCB for measuring instruments, earth bus & earth bolts, foundation flange - bolts-base Plates, sufficient nos. of hinged doors, handles with locking arrangement and rubber gasket, heavy duty end terminal connection, danger notice board, necessary ventilation, earthing strip complete. The Panel shall be painted with epoxy powder coating. (The rates excludes the cost of switchgears, bus bars, inter connecting mains & Copper Aluminium strips, meters, Fuses etc. The dimension shall be measured excluding base beams) The panel shall be supplied with following approved manufacturers with following size.</p> <p>(B) The standard companies switch gear shall be used and only manufacturers at CPRI approved factory (i) with 350mm depth</p>	Sq.Mtr	10.00	14902.55	Rupees Fourteen Thousand Nine Hundred Two and Paise Fifty Five Only	1,49,025.50
188	<p>Providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 50 KA and above at 415 V having Normal current rating 400A. with variable Thermal & magnetic release suitable to work on A.C. supply 50 c/s. With all internal connections, spreader tinned copper & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only Cat III (DG & GEB INCOMING IN PANEL)</p>	Ea.	1.00	25228.79	Rupees Twenty Five Thousand Two Hundred Twenty Eight and Paise Seventy Nine Only	25,228.79

189	Providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 35 KA. at 415 V. having Normal current rating 200A.with variable Thermal & magnetic release suitable to work on A.C.supply 50 c/s. with all internal connections, spreader tinned copper & complete erected in existing 16 G.M.S.housing ICS=100% of ICU only Cat III (2 AHU PANEL & 4 CONDENSER PANEL)	Ea.	6.00	16221.61	Rupees Sixteen Thousand Two Hundred Twenty One and Paise Sixty One Only	97,329.66
190	providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 25 KA. at 415 V,having normal current rating up to 25 A to 100A. with Fixed thermal & magnetic release suitable to work on A.C. supply 50 c/s. with all internal connections, spreader tinned copper & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only Cat III (100A) (3 INCOMING IN TPN DB + PUMP + 2 SPARE)	Ea.	16.00	6173.12	Rupees Six Thousand One Hundred Seventy Three and Paise Twelve Only	98,769.92
191	Supplying & erecting approved make Four Pole 415V change over switch interior for panel mounting with operating mechanism A.C.23 duty confirming to IS for (F)400A Cat-III	Ea.	1.00	22255.35	Rupees Twenty Two Thousand Two Hundred Fifty Five and Paise Thirty Five Only	22,255.35
192	Supplying & erecting approved make Four Pole 415V change over switch interior for panel mounting with operating mechanism A.C.23 duty confirming to IS for (H) 800 A Cat. III	Ea	1.00	26149.91	Rupees Twenty Six Thousand One Hundred Forty Nine and Paise Ninety One Only	26,149.91
193	Supplying and erecting triple pole & neutral 440V/ 500V panel mounting Aluminium Busbars with four equal Nos. of bus having current density not more than 0.8 Amp. / sq.mm (Rated current / cross section area) duly wrapped with colour insulating tape for phase sequence of following current carrying capacity, erected with necessary bus bar supports /insulators, main cable socket to each busbar,erected in existing cubical panel with necessary connections.(E) Suitable for 630 Amp. capacity	Rn.Mtr	3.00	3061.31	Rupees Three Thousand Sixty One and Paise Thirty One Only	9,183.93
194	Supplying and erecting triple pole & neutral 440V/ 500V panel mounting Aluminium Busbars with four equal Nos. of bus having current density not more than 0.8 Amp. / sq.mm (Rated current / cross section area) duly wrapped with colour insulating tape for phase sequence of following current carrying capacity, erected with necessary bus bar supports /insulators, main cable socket to each busbar,erected in existing cubical panel with necessary connections. (D) Suitable for 400 Amp. Capacity	Rn.Mtr	3.00	2204.83	Rupees Two Thousand Two Hundred Four and Paise Eighty Three Only	6,614.49
195	Providing & erecting L.T. Current Transformer with bar primary 50/5 to 1000/5 ratio 15 VA burden erected in existing CRCA box duly secured with insulating materials connected to the meter (make: havells , L & T , Simens , legrand , ABB,Hager) (FOR METERING)	Ea.	15.00	274.72	Rupees Two Hundred Seventy Four and Paise Seventy Two Only	4,120.80
196	Supplying and erecting approved make suitable panel indicator LED type lamp, lens cover, complete erected wAith necessary connections.	Ea.	30.00	43.43	Rupees Forty Three and Paise Forty Three Only	1,302.90

197	providing and erecting Approved make Earth fault Relay suitable to mount with inter connection suitable to following size of moulded case circuit breaker having CT ratio & MCCB rating as following along with shunt trip 220V AC. with all internal connections & complete erected in existing M.S.housing.. (3) 250 A -400 A , CT Ratio 1/400 (make: havells , L & T , Simens , legrand , ABB,Hager) (FOR FAULT PROTECTION IN PANEL)	Ea.	1.00	5415.62	Rupees Five Thousand Four Hundred Fifteen and Paise Sixty Two Only	5,415.62
198	Supplying and erecting approved make panel mounting type Digital Voltmeter having 3 digits LED display, 0 to 750 AC Volts range erected on existing panel board with all connection, wiring etc .with manufacturers calibration certificate.(make: havells , L & T , Simens , legrand , ABB,Hager) (1 for ac panel, 1 for main panel)	Ea.	6.00	1275.63	Rupees One Thousand Two Hundred Seventy Five and Paise Sixty Three Only	7,653.78
199	Supplying and erecting approved make panel mounting type Digital Ammeter having 3 digits LED display, external CT operated, calibrated for 0 to 1000 Amps suitable to operate on 500 Volt AC , erected on existing panel board with all connection, wiring etc .with manufacturers calibration certificate.(make: havells , L & T , Simens , legrand , ABB,Hager) (1 for ac panel, 1 for main panel)	Ea.	6.00	1558.43	Rupees One Thousand Five Hundred Fifty Eight and Paise Forty Three Only	9,350.58
200	Providing and erecting Approved make RCCBs conforming to IS: 12640 and having sensitivity of 300 mA and Short Circuit withstand capacity of 10 KA and suitable for operation on 3 phase and neutral 415V,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) 25 Amps.DP Cat. III	Each	6.00	1969.50	Rupees One Thousand Nine Hundred Sixty Nine and Paise Fifty Only	11,817.00
201	Supplying and erecting triple pole & neutral 440V/ 500V panel mounting Aluminium Busbars with four equal Nos. of bus having current density not more than 0.8 Amp. / sq.mm (Rated current / cross section area) duly wrapped with colour insulating tape for phase sequence of following current carrying capacity, erected with necessary bus bar supports /insulators, main cable socket to each busbar,erected in existing cubical panel with necessary connections.(A) Suitable for 100 Amp. Capacity (IN PANEL)	Rn.Mtr	2.00	660.54	Rupees Six Hundred Sixty and Paise Fifty Four Only	1,321.08
202	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 (3 DB INCOMING)	Each	10.00	737.30	Rupees Seven Hundred Thirty Seven and Paise Thirty Only	7,373.00
203	Providing & erecting 415V MCB Four Pole Switch for Lighting Load (B curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity (a) 6 to 32 Amp. Cat.III (For Metal halide)	Each	4.00	578.73	Rupees Five Hundred Seventy Eight and Paise Seventy Three Only	2,314.92
204	Providing and erecting Sheet Steel powder coated Vertical MCB distribution board (VTPN) - flush / surface mounted double door (IP54) fitted with copper insulated busbar, isolated neutral bar, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3, suitable for 250 AMP TPN MCCB + RCCB as incomer and three phase outgoing as per following .(The DBs should be used of same company of MCB to be used) (B)6 way outgoing	Ea	3.00	9921.23	Rupees Nine Thousand Nine Hundred Twenty One and Paise Twenty Three Only	29,763.69

205	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(iii)8 way (LIGHT POWER) (TPN DB)	Each	2.00	3412.79	Rupees Three Thousand Four Hundred Twelve and Paise Seventy Nine Only	6,825.58
206	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) suitable for (A) single phase incoming and horizontal single phase outgoing (b) sheet steel double door (IP-43) (iv)12 way (LIGHT POWER) (SPN DB)	Each	2.00	1492.78	Rupees One Thousand Four Hundred Ninety Two and Paise Seventy Eight Only	2,985.56
207	providing and erecting Miniature circuit breaker single pole 6A to 25A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark Cat.III (10 STREET LIGHT, 30 TPN DB, 32 SPDB)	Each	60.00	112.11	Rupees One Hundred Twelve and Paise Eleven Only	6,726.60
208	Providing & erecting 240 V MCB double pole switch for lighting Load (B Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity (A) 6 to 32 Amp. Cat.III (4 IN SPN DB, 9 IN TPN DB)	Each	8.00	278.76	Rupees Two Hundred Seventy Eight and Paise Seventy Six Only	2,230.08
209	providing and erecting Approved make RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 10 KA and suitable for operation on single phase 240 V,50Hz. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (ii) 40Amps. DP Cat. III (3 IN TPN DB, 4 IN SPN DB)	Each	6.00	2637.11	Rupees Two Thousand Six Hundred Thirty Seven and Paise Eleven Only	15,822.66
210	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand / Solid 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. (C) 4 core 6 Sq. mm (For street light)	Mtr.	60.00	508.03	Rupees Five Hundred Eight and Paise Three Only	30,481.80
211	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. (A) 4 core 10 Sq. (FOR 12 WAY SPN DB)	Mtr.	40.00	673.67	Rupees Six Hundred Seventy Three and Paise Sixty Seven Only	26,946.80
212	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) 3 1/2 core 35 Sq. mm (25 Sq.1/2 mm core) (12 WAY TPN DB)	Mtr.	150.00	217.15	Rupees Two Hundred Seventeen and Paise Fifteen Only	32,572.50
213	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 (C) 3 1/2 core 50 Sq. mm (25 Sq.1/2 mm core)	Mtr	180.00	281.79	Rupees Two Hundred Eighty One and Paise Seventy Nine Only	50,722.20

214	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 (H) 3 1/2 core 185 Sq. mm (95 Sq. mm 1/2 core)	Mtr	500.00	899.91	Rupees Eight Hundred Ninety Nine and Paise Ninety One Only	4,49,955.00
215	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 (I) 3 1/2 core 240 Sq. mm(120 Sq. mm 1/2 core)	Mtr	700.00	1161.50	Rupees One Thousand One Hundred Sixty One and Paise Fifty Only	8,13,050.00
216	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 (J) 3 1/2 core 300 Sq.mm (150 Sq. mm 1/2 core)	Mtr	300.00	1400.87	Rupees One Thousand Four Hundred and Paise Eighty Seven Only	4,20,261.00
217	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 cable. (A) 3 core 2.5Sq. mm	Mtr	1200.00	213.11	Rupees Two Hundred Thirteen and Paise Eleven Only	2,55,732.00
218	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 cable.(B) 3 core 4 Sq. mm	Mtr	950.00	285.83	Rupees Two Hundred Eighty Five and Paise Eighty Three Only	2,71,538.50
219	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 (A) 4 core 16 Sq. mm	Mtr	2500.00	151.50	Rupees One Hundred Fifty One and Paise Fifty Only	3,78,750.00
220	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 25 Sq. mm	Mtr	450.00	188.87	Rupees One Hundred Eighty Eight and Paise Eighty Seven Only	84,991.50
221	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. (A) 2 to 4 core 2.5 / 4 Sq. mm	Ea	50.00	33.33	Rupees Thirty Three and Paise Thirty Three Only	1,666.50
222	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	Ea	50.00	47.47	Rupees Forty Seven and Paise Forty Seven Only	2,373.50
223	Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (A) 3 & 1/2 / 4 core 25 Sq. mm	Ea	20.00	66.66	Rupees Sixty Six and Paise Sixty Six Only	1,333.20
224	Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables.(B) 3 & 1/2 core 35/50 Sq. mm	Ea	10.00	75.75	Rupees Seventy Five and Paise Seventy Five Only	757.50
225	Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables.(G) 3 & 1/2 core 185 Sq. mm	Ea	14.00	238.36	Rupees Two Hundred Thirty Eight and Paise Thirty Six Only	3,337.04

226	Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables .(H) 3 & 1/2 core 240 Sq. mm	Ea	8.00	247.45	Rupees Two Hundred Forty Seven and Paise Forty Five Only	1,979.60
227	Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables.(I) 3 & 1/2 core 300 Sq. mm	Ea	18.00	280.78	Rupees Two Hundred Eighty and Paise Seventy Eight Only	5,054.04
228	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (A) 1.5/ 2.5/4/6 Sq.mm	Ea	200.00	6.06	Rupees Six and Paise Six Only	1,212.00
229	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (C)16/25Sq.mm	Ea	290.00	15.15	Rupees Fifteen and Paise Fifteen Only	4,393.50
230	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (D)35/50 Sq.mm	Ea	24.00	20.20	Rupees Twenty and Paise Twenty Only	484.80
231	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (I)185 Sq.mm	Ea	56.00	80.80	Rupees Eighty and Paise Eighty Only	4,524.80
232	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner.(J) 240Sq.mm	Ea	32.00	85.85	Rupees Eighty Five and Paise Eighty Five Only	2,747.20
233	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (K)300 Sq.mm	Ea	72.00	85.85	Rupees Eighty Five and Paise Eighty Five Only	6,181.20
234	Providing and fixing approved make Ladder type cable tray. Made from M.S sheet. The cable tray should be bended as per IS 2062/1079 shall be fabricated of double bended channel section longitudinal members with single bended Channel section. Rungs of members welded to the base of the longitudinal members at 250 mm c/c spacing . as per IS and shall be coated with hot dip galvanizing as per IS 2629/4759. with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge.(1) 150 X 50 X 1.6 mm Thick.	Mtr	250.00	278.76	Rupees Two Hundred Seventy Eight and Paise Seventy Six Only	69,690.00
235	Providing and fixing approved make Ladder type cable tray. Made from M.S sheet. The cable tray should be bended as per IS 2062/1079 shall be fabricated of double bended channel section longitudinal members with single bended Channel section. Rungs of members welded to the base of the longitudinal members at 250 mm c/c spacing . as per IS and shall be coated with hot dip galvanizing as per IS 2629/4759. with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge..(2) 200 X 50 X 1.6 mm Thick	Mtr	80.00	287.85	Rupees Two Hundred Eighty Seven and Paise Eighty Five Only	23,028.00

236	Providing and fixing approved make Perforated C type cable tray. Made from sheet steel. The cable tray should be single or double bended as per required and as per IS 2062/1079 and shall be coated with hot dip galvanizing as per IS 2629/4759. with max 17.5% perforation with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erection with necessary support(included) as per Specification and as per instruction of engineer in charge.. (3)300 X 50 X 1.6 mm Thick	Mtr	150.00	309.06	Rupees Three Hundred Nine and Paise Six Only	46,359.00
237	Providing and fixing approved make Ladder type cable tray. Made from M.S sheet. The cable tray should be bended as per IS 2062/1079 shall be fabricated of double bended channel section longitudinal members with single bended Channel section. Rungs of members welded to the base of the longitudinal members at 250 mm c/c spacing . as per IS and shall be coated with hot dip galvanizing as per IS 2629/4759. with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge..(6) 600 X 50 X 2.0 mm Thick	Mtr	60.00	694.88	Rupees Six Hundred Ninety Four and Paise Eighty Eight Only	41,692.80
238	Providing and fixing approved make Ladder type cable tray. Made from M.S sheet. The cable tray should be bended as per IS 2062/1079 shall be fabricated of double bended channel section longitudinal members with single bended Channel section. Rungs of members welded to the base of the longitudinal members at 250 mm c/c spacing . as per IS and shall be coated with hot dip galvanizing as per IS 2629/4759. with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge..(16) 900 X 100 X 2.0 mm Thick	Mtr	130.00	874.66	Rupees Eight Hundred Seventy Four and Paise Sixty Six Only	1,13,705.80
239	Providing and fixing approved make Perforated C type cable tray. Made from pre- galvanized sheet steel. The cable tray should be bended as per IS 2062/1079 . with max 17.5% perforation with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge..(3) 150 X 50 X 1.5 mm Thick	Mtr	300.00	322.19	Rupees Three Hundred Twenty Two and Paise Nineteen Only	96,657.00
240	Providing and fixing approved make Perforated C type cable tray. Made from pre- galvanized sheet steel. The cable tray should be bended as per IS 2062/1079 . with max 17.5% perforation with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge..(3) 150 X 50 X 1.5 mm Thick (5) 300 X 50 X 1.5 mm Thick	Mtr	300.00	471.67	Rupees Four Hundred Seventy One and Paise Sixty Seven Only	1,41,501.00
241	Supplying under floor pregalvanised corrosion proof rectangular sheet steel cable trunking of 1.6 mm thick having with stand point load up to 1.33 Ton & free from seepage of concrete of screed water with all accessories,Junction Box,Joints as required and demanded by engineer-incharge and laying/erecting as per OEM guidelines and as per instruction of engineer incharge having following size of dimensions and No of compartments (W x D x T) Cat-III [10] 150mm x 38mm x 1.6mm with Three Compartments	Mtr	200.00	731.24	Rupees Seven Hundred Thirty One and Paise Twenty Four Only	1,46,248.00

242	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand / Solid 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. (A) 4 core 2.5 Sq. mm (for metal helide)	Mtr.	100.00	269.67	Rupees Two Hundred Sixty Nine and Paise Sixty Seven Only	26,967.00
243	Providing and, fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (B) 2 to 4 core 6 Sq. mm	Ea.	15.00	38.38	Rupees Thirty Eight and Paise Thirty Eight Only	575.70
244	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. (C) 2 to 4 core 10 Sq. mm	Ea.	21.00	38.38	Rupees Thirty Eight and Paise Thirty Eight Only	805.98
245	Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (B) 3 & 1/2 core 35/50 Sq. mm	Ea.	9.00	75.75	Rupees Seventy Five and Paise Seventy Five Only	681.75
246	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (B) 10 Sq.mm	Ea.	80.00	13.13	Rupees Thirteen and Paise Thirteen Only	1,050.40
247	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (D) 35/50 Sq.mm.	Ea.	21.00	20.20	Rupees Twenty and Paise Twenty Only	424.20
248	Supply, Installation, Testing and Comissioning of 4MP Fixed Lens Dome Type Camera, H.265 4MP IR Vandal Proof Dome N/W Camera, 2.8mm/3.6mm, 30M IR, Micro SD, DC12V/PoE, IP67/IK10, Basic IVA, 1 / 2.7" CMOS, 2560 × 1440, 0.01 Lux, F1.2, AGC ON; Defog, True day/night, Digital WDR, 3D DNR, HLC & BLC, Triple streams, Smart codec by ROI, Cyber Security, Basic intelligent video analytics, NDAA Compliance, UL, CE, FCC Certified (Including Five year free maintenance with guarantee)	Each	25.00	8170.90	Rupees Eight Thousand One Hundred Seventy and Paise Ninety Only	2,04,272.50
249	Supply, Installation, Testing & Commissioning of outdoor 3 MP IP Bullet Camera of 1/2.8" Progressive CMOS Sensor with resolution 30 fps @ FHD & Manual Vari Focal f = 3- 9 mm Field of View 40° ~ 80° (H), 30° ~ 60° (V) IR range upto 30 Mtr Smart IR Min. Illumination 0.1 Lux @ F1.4 (Color), 0.01 Lux @ F1.4 (B/W) Noise Reduction ; Compression Technology H.265, H.264, MJPEG with 3 simultaneous streams ;P-iris Lens & Digital Image Stabilization ; ONVIF IP43, CE, FCC Class A, UL listed with all required accessories.	Each	10.00	5474.20	Rupees Five Thousand Four Hundred Seventy Four and Paise Twenty Only	54,742.00
250	Supplying & erecting Galvanized M.S pipe post "B" class 88.9 mm O.D 6 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 47 Kg.	Each	10.00	4440.97	Rupees Four Thousand Four Hundred Forty and Paise Ninety Seven Only	44,409.70
251	Supply, Installation, Testing and Comissioning of 32 Channel Network Video Recorder (NVR), Support 8CH@2MP, H.264 Video Compression, HDMI, VGA output, up to 4 SATA interface each with max 6 TB support, bandwidth 200 mbps, CE FCC, BIS, Operating Temp -10 deg to 50 deg C, USB and serial Interface (Including Five year free maintenance with guarantee)	Each	1.00	56411.19	Rupees Fifty Six Thousand Four Hundred Eleven and Paise Eighteen Only	56,411.19

252	Supply, Installation, Testing and Comissioning of 6TB Surveillance grade HDD having 30 days of recording storage capacity	Each	3.00	13251.20	Rupees Thirteen Thousand Two Hundred Fifty One and Paise Twenty Only	39,753.60
253	Supply, Installation, Testing and Comissioning of 65" Smart 4K Non-Touch display In-built Android 8.0, RAM 3 GB, 16 GB ROM 20W x 2 Speakers 6 no. of Beam Forming Microphones with Echo Cancellation 50000 Hours of Life 500 nits Brightness Multiple Inputs for connectivity Inbuilt Screen Sharing Software Slimmer Frame OPS Slot for On-Board Computer Connectivity (Including Five year free maintenance with guarantee)	Each	1.00	192274.91	Rupees One Lakh Ninety Two Thousand Two Hundred Seventy Four and Paise Ninety One Only	1,92,274.91
254	Supply, Installation, Testing and Commissioning of a Wall Mounting Bracket for Panel	Each	1.00	3865.21	Rupees Three Thousand Eight Hundred Sixty Five and Paise Twenty Only	3,865.21
255	Supply, Installation, Testing and Commissioning of CCTV management work station i7-11700 (8 core)/ 2x8GB Memory/1xIntel 512 Gb NVME SSD/1x1TB 7.2 SATA HDD/Win 10 Pro(OEM)/24" Monitor/DVDRW/3 Yrs Wty/460W	Each	1.00	140241.59	Rupees One Lakh Forty Thousand Two Hundred Forty One and Paise Fifty Nine Only	1,40,241.59
256	Supply,Installation,Testing and Commissioning of 12 ft HDMI Interface Cable Should be 12ft Male to Male High-speed Category 2 HDMI cable; Should be 24k gold-plated 19-pin Type A connector; Should have High-flex CL3-rated jacket; Should Support 4K60 4:4:4 video; Should support 18 Gbps bandwidth; Should be RoHS compliant (Including Five year free maintenance with guarantee)	Each	1.00	7122.52	Rupees Seven Thousand One Hundred Twenty Two and Paise Fifty Two Only	7,122.52
257	Supplying & erecting approved make LAN cable of following size in existing pipe as per direction [E] CAT - 6 shielded	Mtr	900.00	90.90	Rupees Ninety and Paise Ninety Only	81,810.00
258	Back Box with IO at camera side	Each	50.00	459.55	Rupees Four Hundred Fifty Nine and Paise Fifty Five Only	22,977.50
259	Providing & erecting PVC Corrugated Flexible Conduit with required nos. of coupling, PVC bushes, Check-nuts etc. complete of following sizes. (2) 25 mm	Mtr	80.00	20.20	Rupees Twenty and Paise Twenty Only	1,616.00
260	Supply, Installation, Testing and Commissioning of Rack 12U	Nos	2.00	11594.80	Rupees Eleven Thousand Five Hundred Ninety Four and Paise Eighty Only	23,189.60
261	Supply, Installation, Testing and Commissioning of CAT6 UTP 23AWG Solid: Per Meter (Including Five year free maintenance with guarantee)	Mtrs.	3000.00	60.46	Rupees Sixty and Paise Forty Five Only	1,81,375.80
262	Supply, Installation, Testing and Commissioning of Patch Panel Cat 6 UTP Keystone Type- 24 Port-Fully Loaded (Including Five year free maintenance with guarantee)	Nos	4.00	6450.02	Rupees Six Thousand Four Hundred Fifty and Paise Two Only	25,800.09

263	Supply, Installation, Testing and Commissioning of Jack Cat 6 Keystone UTP (Including Five year free maintenance with guarantee)	Nos	65.00	234.38	Rupees Two Hundred Thirty Four and Paise Thirty Eight Only	15,234.74
264	Supply, Installation, Testing and Commissioning of CAT6 UTP 24AWG PATCH CORD:1M,Plug 30U' Snag less (Including Five year free maintenance with guarantee)	Nos	65.00	228.58	Rupees Two Hundred Twenty Eight and Paise Fifty Eight Only	14,857.91
265	Supply, Installation, Testing and Commissioning of CAT6 UTP 24AWG PATCH CORD:2M,Plug 30U' Snag less (Including Five year free maintenance with guarantee)	Nos	65.00	293.18	Rupees Two Hundred Ninety Three and Paise Eighteen Only	19,056.88
266	Supply, Installation, Testing and Commissioning of Face Plate - Single (Keystone Jack,square) (Including Five year free maintenance with guarantee)	Nos	65.00	131.68	Rupees One Hundred Thirty One and Paise Sixty Eight Only	8,559.45
267	Supply, Installation, Testing and Commissioning of 25MM PVC Pipe	Mtr.	1300.00	47.21	Rupees Forty Seven and Paise Twenty Only	61,369.62
268	Supply, Installation, Testing and Commissioning of 32MM Flexible Pipe	Mtr.	60.00	39.75	Rupees Thirty Nine and Paise Seventy Five Only	2,385.22
269	Supply, Installation, Testing and Commissioning of trunking Casing Caping 100X50	Mtr.	10.00	380.97	Rupees Three Hundred Eighty and Paise Ninety Seven Only	3,809.72
270	Supply, Installation, Testing and Commissioning of Wheather Proof Back Box for CCTV(120X120X75)	Nos	20.00	192.97	Rupees One Hundred Ninety Two and Paise Ninety Seven Only	3,859.41
271	Supply, Installation, Testing and Commissioning of 24 x 10/100/1000 PoE+ ports with 384W power budget, 4 x Gigabit SFP, Rack-mountable	Nos	5.00	45275.21	Rupees Forty Five Thousand Two Hundred Seventy Five and Paise Twenty Only	2,26,376.05
272	Supply, Installation, Testing and Commissioning of Insight Managed WiFi 6 4X4 Dual Band High Performance WiFi 6 Access Points	Nos	5.00	29440.03	Rupees Twenty Nine Thousand Four Hundred Forty and Paise Two Only	1,47,200.13
273	Supply, Installation, Testing and Commissioning of Cloud Based Controller Insight Pro - subscription license (3 years) - 1 managed device	Nos	10.00	3518.19	Rupees Three Thousand Five Hundred Eighteen and Paise Nineteen Only	35,181.94
(A) GENERAL DESCRIPTION OF LIFTS.						

274	<p>[1] GEAR LESS LIFT DRIVE (MRL) comprising of High Starting torque Lift 3 phase 440 V A. C. Permanent Magnet Synchronous motor of proper rating with high efficiency shall be used.[2] Micro processor based / PLC, ACVVVF, vector control drive with encoder feedback closed loop system shall be used for lift car and door operation which shall be full collective selective operation hall call demand response, UP/DOWN hall stops, Main, Up/ Down Contactor with overload and phase reversal relay and safety controls.</p> <p>[3] Car with M S platform with bracings of adequate size and to sustain the impact load cabin + passenger with safety factor of fire for steel and side panels of Stainless steel of sheet of grade 304 duty. Car ceiling will be S.S. finishes with aesthetic appearance with LED ceiling lights. Car flooring shall be of anti skid PVC with choice of colour of engineer in charge. Car doors shall be of stainless steel grade 304, hairline finish with centre opening / telescopic automatic doors. Car panel will also be S.S. 304 finished with emergency stop device, mechanical door safety device, facility of auto/ attended mode. All car panel buttons and all floor switches must be with brail language as per lift act.</p> <p>[4] All landing doors must be fire rated for 2 hour shall be fully automatic centre opening/ telescopic opening made of hairline finish steel grade of 304 with key holes and infrared curtains with Unlocking facility from outside</p> <p>[5] Appropriate battery operated emergency light in the car along with alarm switch shall be provided. Also, Emergency Light & Fan should start immediately without any Time Delay as soon as power fails.</p> <p>[6] Digital scrolling indicator system for up-down arrow along with floor position indicator shall be provided inside the car and at all floors.</p> <p>[7] Full height infra red curtain with multiple cross / crossing light beams shall be provided.[8] Automatic Rescue Device (ARD) shall be provided accordingly of passenger capacity with Manual Rescue Operation (Manual Cranking Facility).</p> <p>[9] Audio visual indication in the lift car showing over loading shall be provided such that doors kept open till excess load is removed.</p> <p>[10] Spring buffers/PU Buffers shall be provided.</p> <p>[11] Car fan as per passenger capacity with automatic sleep timer shall be provided.</p> <p>[12] Voice annunciator with suitable music shall be provided in lift car.</p> <p>[13] Self diagnostics system for operational and safety parameters shall be provided in control panel.</p> <p>[14] Mechanical over speed governor with governor calibration as per actual site parameters and submission of calibration certificate submission, door key holes in the floor doors, fireman switch shall be provided.</p> <p>[15] Lift machine hoisting arrangement in the lift machine room and monkey ladder for lift pit should be provided by the lift agency, along with the other steel structure works, foundations for the machine etc...</p> <p>[16] In the hoist way fascia plate shall be provided without any extra cost, where ever required as / if directed by engineer in charge.</p>	Ea	1.00	1039957.61	Rupees Ten Lakhs Thirty Nine Thousand Nine Hundred Fifty Seven and Paise Sixty One Only	10,39,957.61
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<p>[17] Permanent wiring with necessary safety devices like RCCB in all circuit, Over Voltage Under Voltage protection and THD eliminator in circuit for lift machine room and lift well with proper numbers of light points, with fixtures, exhaust fan and plug points shall be provided by the agency. Only 3 phase Power Supply shall be made available by department in lift machine room. Necessary Earthing as per Lift Act/Rules shall be arranged by Lift Agency.</p> <p>[18] Any civil/ electrical works for additional and alteration in lift shaft and machine room related to erection of lift shall be made by lift agency without any extra cost. (granite/marble fixing around all landing door openings are not in lift agency's scope.)</p> <p>[19] Agency has to provide all working drawings and documents and liaison services for obtaining all necessary permission from lift inspector and other authorities.</p> <p>[20] acrylic transparent licence/display A4 size holder in lift car</p> <p>[20A] As per statutory requirement of Govt. Of Gujarat lift & escalator act 2000, lift agency has to provide</p> <ol style="list-style-type: none"> 1. Car top safety barricade 2. Push & talk communication system. 3. Fireman's switch operation at Ground Floor. 4. carrying out third party lift inspection during/after lift erection and provide report by third party authorized by concern licensing authority 5. agency has to provide third party insurance upto completion of free maintenance period and submit the document for the same. <p>[21] Car Panel Operating Buttons with floor position indicator/buttons must be of Auto Glow type clearly visible when view from inside cabin.</p> <p>[22] For Physically Handicapped person Full Length Handrails of hairline finish steel grade of 304 should be provided at appropriate height on the Rear & Side Wall Panels in Lift Car.</p>					
<p>Supplying and erecting, commissioning and testing of Diesel Generating set confirming to IS: 4722:1968 & BS:5514 having continuous rating, 3 phase, 415 volts, 50 cycles A.C. supply comprising of a totally enclosed air/water cooled diesel engine with multi-cylinders developing suitable BHP not less than following capacity at 1500 RPM with 10% overload for one hour in 24 hours with standard accessories like fly wheel, lubricating oil cooler, "A" class governor, heavy duty fuel wheel and lubricating oil filter, oil bath air filler, lubricating oil pressure gauge, end exhaust manifold, standard set of tools with adjustable spanners, screw drivers, cylinder head to cover, joint cylinder head to exhaust, element lube oil filter, 12 / 24 volts electric starting equipment complete with standard heavy duty battery, dynamo, cut-outs, ammeter, necessary wiring, pressure gauge, starter etc and heavy duty Residential type exhaust silencer and vertical hot air duct both</p>					

275	<p>logged with asbestos rope, save oil trays, exhaust piping of required length, standard wall/floor mounted fuel with level indicator and piping and drip proof alternator, self excited, self regulated, screen protected, with excitation system, capable of delivering the rated system output at 415 volts, 3 phase, 0.8 PF, 50 Hz, 4 wire, running at 1500 RPM, conforming to IS-4722- 1968 with voltage regulation +/- 5% of rated voltage from no load to full load. Both the engine and alternator fitted on a common fabricated steel base plate with antivibration mounting engine and alternator both connected to each other by flexible flange coupling and with floor/wall mounted control panel box comprising of voltmeter ammeter, selector switches, ACB / MCCB / MCB of adequate capacity,</p> <p>indicator lamps duly wired with HRC fuses. The alternator & control panel shall be connected with provided suitable capacity armoured cable and complete with Acoustic enclosure (canopy) made out of 16 SWG CRCA Sheet, sound absorbing material Rockwool of 64 density & 100 mm thick conforming to IS:8183 / PU Foam of 40 Density - at least 40 mm. The resin bonded rockwool covered from inside the canopy by perforated sheet with 3/4 mm holes, sound level not more than 75 dB at a distance of 1 mtr, as per PVCT norms. Erection, commissioning and satisfactory testing as per requirement with first filling of fuel, oil, etc. with guarantee / Warrantee of complete system for Two years. & with obtaining all necessary certificate from Electrical Inspector. The Capacity and Ratings of DG sets are as below with latest PCB norms</p> <p>(V) Continuous rating of 500 KVA ,BHP not less than 600 BHP</p>	Ea.	1.00	3249505.32	Rupees Thirty Two Lakhs Forty Nine Thousand Five Hundred Five and Paise Thirty Two Only	32,49,505.32
276	<p>Providing & erecting approved make AMF control panel suitable for following size of 3 phase, 415 V., 50 cycles, A.C. diesel generating set complete of scope as detailed below:</p> <p>1) Power module: A pair of electromechanically interlocked contactors (for mains & generator) Overload relay for generator contactor Neutral contactor for mains and generator Power socket for connections.</p> <p>2) Control and metering module: Line voltage monitor. Generator voltage monitor Ammeter 3 items attempt start facility. Air circuit breakers/MCB/MCCB of suitable rating for auto/manual operation. Auto/manual switch. Emergency stop push buttons. Manual start push button. frequency meter. Engine hour meter. Two earthing studs. 3) Protection module: The engine shutdown in the unlikely event of Low lube oil pressure High cylinder head temperature. V belt failure.</p> <p>4) Indicators with alarm Load on generator.</p> <p>5) Indicators Load on mains Engine fails to start . Emergency stop battery charger.</p> <p>The AMF Panel of following capacity (G) AMF Control Panel for 500 KVA 3 phase DG Set</p>	Each	1.00	443320.31	Rupees Four Lakhs Forty Three Thousand Three Hundred Twenty and Paise Thirty One Only	4,43,320.31

277	<p>Providing, erecting, testing commissioning & getting Plan Approval as well as NOC from Electrical Inspector for extensible H.T panel comprising of one 400A. H.T. VCB incoming & Two outgoing 400 A Drawout type VCB confirming as per I.S. for use on 11 KV, 3 phase, 50 c/s. unearthed A.C. supply system having breaking rupturing capacity of 350 MVA complete with spring operated mechanism, mechanically & automatic ON-OFF and spring mechanism charged, discharged indicators, ON-OFF mechanical push button, operation counter necessary auxiliary switches, closing shunt trip, air insulated busbar chamber having heat shrinkable PVC sleeves, mechanical interlocks safety shutters, isolating plugs and a VCB trolley with three vacuum interrupters with epoxy support insulators and self aligning finger type isolating contacts. The breaker shall be Manual cum motorised mechanism & auto spring charge with TNC switch closing with following accessories.</p> <p>1. flush mounting type digital multifunctional meter with communication facility - Three sets.</p> <p>2. Power Factor Meter One No</p> <p>3. Double core current transformer cast resin type having ratio 200 to 50/1 core for metering & second core for protection having required class of accuracy. - Three Sets</p> <p>4. Instantaneous under voltage relay& Temperature rise Tripping Relay</p> <p>5. Electrical closing coil & short trip coil operating on 110V. D.C.- Three Sets</p> <p>6. Auxiliary relay for anti pumping device</p> <p>7. Three phase Three limb Drawout type feeder connected & output of 200 VA cast resin insulated potential transformer having ratio 12000V./110V. and 200 VA Burdon with 0.5 accuracy. - One No.</p> <p>8. Common Alarm bell operating on 110V A.C.- One No. 9. Digital KWH Meter - One No.</p> <p>10. Cable boxes suitable up to 11 KV 3core 150 sq.mm XLPE cable. - Three Nos. 11. 230V. A.C. to 110V. D.C. power pack for closing & tripping circuit common. 12.Breaker ON-OFF, Auto trip and spring charged indicators. - Three Sets. 13.Phase indicating & panel illumination lamps with plug socket - Three Sets. 14.Numerical Communicable type non directional O/C & E/F Relay with a setting of 5-250% both in O/C & E/F. -Three Set complete with necessary interconnection with air insulated high grade copper busbar {Breaker Testing scope include Closing Time, Opening Time, VCB Hi-Pot test at Site}{ Relay Testing Scope Include testing of all protection by three phase testing kit at site }(VCB Trolley is to be provided)</p>	Ea	1.00	1328836.80	Rupees Thirteen Lakhs Twenty Eight Thousand Eight Hundred Thirty Six and Paise Eighty Only	13,28,836.80
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	<p>Providing and erecting sandwiched type bus duct having following specification : Sandwich type busbar for use as Feeder Busbar for interconnection between separate electrical equipment/ load centers, and for use as Plug in busbar risers. The busbar shall be suitable for operation in a 690V / 1000 V system with frequency of 50 Hz .System can be either earthed or unearthed. Impulse voltage should be 12 KV. Standards: The busbar shall be designed and manufactured in accordance with the following international standards for busbar trunking.</p> <p>-IS 8623/ 1993 Part I & II : Particular requirements of busbar trunking System</p> <p>-IEC 61439 Part I & VI : Particular requirements of busbar trunking System</p> <p>-IEC- 60529 : Degree of protection TESTING</p> <p>The busbars shall be type tested at a reputable national / International test laboratory (ASTA or CPRI) for short circuit withstand. The test shall be for a minimum duration of one second.</p>					
	<p>Providing, erecting, testing & commissioning approved make oil immersed ONAN cooled, double wound, core type indoor / outdoor copper wound 11KV/ 433V step down transformer of following capacities operating on 3 phase, 50 Hz 4 wire & neutral earthed system continuously rated for a full temperature rise in oil not exceeding 45 Deg.C.at maximum ambient temp. of 50 Deg. C. complete with necessary radiator first filling of new transformer oil & standard fitting as below complying with IS 1180(Part 1):2014 standards with energy efficiency level 2 Off load tap changing range manufacturers steps +2.5% to -5% on H.V for variation should be provided. The H.V. shall be connected Delta & Secondary with star connection. The transformer should have cable-end boxes on H.T. side suitable for up to 3 core 150 sq.mm. XLPE cable & on L.T. side suitable for bus duct or cables as per requirement complete with test certificates from</p> <ol style="list-style-type: none"> 1. Oil conservator with filling Hole & Cap - One No. 2. Thermometer pocket with 6" dial type thermometer switch alarm & trip contacts- Two nos. 3. Silica-gel breather with charge- One No. 4. Plain oil level gauge - One No. 5. Drain / Sampling / Filter valve- One No. 5. Drain / Sampling / Filter valve- One No. 6. Top Filter Valve - One No. 7. Explosion vent with Diaphragm - One No. 8. Rating & Diagram plate - One No. 					

278	<p>Providing and erecting sandwiched type bus duct having following specification : Sandwich type busbar for use as Feeder Busbar for interconnection between separate electrical equipment/ load centers, and for use as Plug in busbar risers.</p> <p>The busbar shall be suitable for operation in a 690V / 1000 V system with frequency of 50 Hz .System can be either earthed or unearthed. Impulse voltage should be 12 KV. Standards: The busbar shall be designed and manufactured in accordance with the following international standards for busbar trunking.</p> <p>-IS 8623/ 1993 Part I & II : Particular requirements of busbar trunking System</p> <p>-IEC 61439 Part I & VI : Particular requirements of busbar trunking System</p> <p>-IEC- 60529 : Degree of protection TESTING</p> <p>The busbars shall be type tested at a reputable national / International test laboratory (ASTA or CPRI) for short circuit withstand. The test shall be for a minimum duration of one second.</p> <ul style="list-style-type: none"> • Degree of ingress protection (IP rating) shall also be tested at any reputed independent laboratory. This test shall be for IP 55 for Indoor and IP 65 for Outdoor application. • Short circuit and Degree of protection type test reports will be submitted for vThe bsubars shall be of high conductivity Copper of 99.9% pure ETP grade and high conductivity Aluminium of 99.59% pure 19501 grade. Where <p>It should be possible to provide a 200% Neutral where specified.</p> <p>Phase cross over box should have busbars crossing over each other not cables.The busbars shall be individually insulated with 2 layers of insulating film. Layers of POLYSTER material class 'F', 155°C.</p> <p>The housing shall be made of 1.6 mm electrogalvanised sheet steel, with an epoxy powder coated paint finish of RAL 7032 grade. Alternatively Aluminum casing of 2.5mm may also be provided. The housings shall be profiled, to provide higher strength and efficient heat dissipation. The width of the housings shall be same for all ratings of busbars, in order to provide interchangeability of tap off boxes.</p> <p>The joints between sections shall be made so as to provide flexibility during installation and expansion / contraction of busbar during operation. The joints shall be of the single bolt type. The joint construction must have the following features.</p> <p>a) Thermal expansion of Busbars at joint of at least 4 mm per joint.</p> <p>b) The joint insulation must be of one piece moulded design and not have any cut edges which can absorb moisture.</p> <p>c) Joint assembly shall be removable as separate sub-assembly so that it can be inserted or removed without disturbing the adjacent sections.</p> <p>d) The joint system must be designed in a way that the installer cannot insert the busduct length too far and damage the bolt insulator.</p> <p>e) The busbars ends shall not have any holes or slots at the joints – the electrical continuity shall be through pressure plates, achieving a high area of joint cross section and expansion capability.</p>	Ea	1.00	956560.90	Rupees Nine Lakhs Fifty Six Thousand Five Hundred Sixty and Paise Ninety Only	9,56,560.90
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279	<p>Tap of Units</p> <p>a) Plug in boxes will be draw out type, contacts shall be silver plated and spring loaded.</p> <p>b) The front operating handle will be interlocked with the plug-in boxes cover so that MCCB can be operated only with suitable cover in close position.</p> <p>c) The door shall be provided with the door knobs.</p> <p>d) When the MCCB is in 'ON' position, even with the door knobs unlocked, the operator should not be able to remove the box or open the tap off location cover.</p> <p>e) During insertion, the earth conductor shall make contact first before the phase conductors. This should follow the sequence of first in last out concept.</p> <p>f) When the box is open the live conductors shall be safe guarded by a transparent insulator plate which allows for visible inspection but does not allow touching of the live conductors. g) The tap off unit arrangement must achieve IP 54 without requiring any additional sealing at site.</p> <p>h) The tap off boxes will be suitable for accommodating MCCBs or other accessories, as required. The tap off units should allow the flexibility of accommodating different, reputed MCCB makes, to be mutually agreed depending on the tender requirements. (e)1250 Amp. capacity</p>	Mtr	10.00	13995.57	Rupees Thirteen Thousand Nine Hundred Ninety Five and Paise Fifty Seven Only	1,39,955.70
280	Providing and erecting ISI Marked 3core 120 Sq.mm XLPE insulated 11 KV armoured cable Aluminium conductor IS-7098 to be laid on wall with clamps or in provided cable trench / pipe approved manner as directed.	Mtr	100.00	1542.27	Rupees One Thousand Five Hundred Forty Two and Paise Twenty Seven Only	1,54,227.00
281	Providing and erecting cable end termination kit, heat shrinkable Push on type Densons/ Raychem/ Elastimold make suitable for 11 KV XLPE cable 3core 95 & 120 Sq.mm (A) Outdoor type	Ea	2.00	14611.67	Rupees Fourteen Thousand Six Hundred Eleven and Paise Sixty Seven Only	29,223.34
282	Providing and erecting cable end termination kit, heat shrinkable Push on type Densons/ Raychem/ Elastimold make suitable for 11 KV XLPE cable 3core 95 & 120 Sq.mm (B) Indoor type	Ea	5.00	8004.25	Rupees Eight Thousand Four and Paise Twenty Five Only	40,021.25
283	Design, Supplying, installing, testing of factory fabricated ready made Three phase APFC Panel Cubical Panel fabrication should be type tested as per IEC 61921, 61439:1&2 Capacitor Duty Contactor for switching as per following Steps Incomer Switch of MCCB type Icu=Ics=50KA at 400/440 Volts, with OC, SC, internal earth fault protection Incomer Switch of MCCB type Icu=Ics=50KA at 400/440 Volts, with OC, SC, internal earth fault protection,Copper tinned insulated Busbar,Cubical panel should be indoor type with IP 43 and IK 10,Metalized polypropylene film tye3-phase 550Volt Capacitor,De tuning Reactor for each capacitor,Panel having Short Circuit and Overload protection,Each step Capacitor having suitable MCB with Sc, OL, internal earth fault relay,Each stage having Stage Contactor (Capacitor load rating),PF regulator master controller having suitable steps with LCD display, Rs 485 Communication port, Indication LED Lamps for main incomer and ON-OFF for each capacitor bank,MS Chanel for Floor mounting, Cable entry as per site situation,Cooling fans for panel (f)200KVAR	Ea	1.00	580323.78	Rupees Five Lakhs Eighty Thousand Three Hundred Twenty Three and Paise Seventy Eight Only	5,80,323.78

284	Providing, and erecting 11 KV D.P. 9 mtr. high Structure made of 6" x 3" 'I'-Section Girder, 4" x 2"channels, clamps, nuts, bolts etc. Suitable for erection of the followings duly connected with necessary ACSR conductors. as per drawing approved by the Engineer- in charge complete with following. Height as per IS 7 Mtr above ground) (A) 11 KV 200 Amps Drop out fuses with S.R.B.P. tubes carries.-Three nos (B) 11 KV G.O.D. switch complete with insulators, operating handle with galvanised pipe, Sq.bar etc. 400 Amp.- One Set (C) 11 KV lightening arrester with clamp-Three Nos. (D) 11 KV shackle insulators- Six Nos. (E) The above D.P. structure should be earthed with 25 mm.X 3 mm thick double copper earth strips run separately and connected with separate copper plate earth electrode.	Ea	1.00	98433.59	Rupees Ninety Eight Thousand Four Hundred Thirty Three and Paise Fifty Nine Only	98,433.59
285	Providing and erecting required size Copper strip for earthing of H.T. OCB / ACB/ Transformer, LT panel board, Motors etc. using copper clamp.	Kg	100.00	794.87	Rupees Seven Hundred Ninety Four and Paise Eighty Seven Only	79,487.00
286	Providing and erecting HOT deep Galvanised iron strip wire 8 to 16 SWG.	Kg	50.00	77.77	Rupees Seventy Seven and Paise Seventy Seven Only	3,888.50
287	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.	Kg	80.00	77.77	Rupees Seventy Seven and Paise Seventy Seven Only	6,221.60
288	Supplying & erecting earth pit of minimum bore dia.150mm size approved make Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 50mm having 80-200 Micron galvanising, Inner pipe dia of 25 mm having 200-250 Micron galvanising, connection terminal dia of 12mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover. (A)(approved make OEM has to submit test certificate including value of earth resistance of installation duly stamped and signed by agency and officer Incharge has to ensure the value of earthing resistance mentioned in test Certificate) & having back filling compound of (B) Inner chemical (CCM Compound)- Resistivity:- 0.2 ohm / meter testing as per IEC 62561-2017, Voltage drop:- < 1 volt at no load & dry form, Sulphur content:- <2%(C) Back fill Compound :- Earthing compound should be capable to retain moisture for long time Necessary test report must be submitted by Agency. (b)For Electrical installation up to 11 KV in normal soil. Length of Pipe : 2.00 mtrs Back filling Compound :1 no. Bag of 25 Kg.	Nos.	20.00	5760.03	Rupees Five Thousand Seven Hundred Sixty and Paise Three Only	1,15,200.60
289	(c) For Electrical Installation covering Transformer Neutrals, Lightning arrester Earthing, A.C.Plant & Sensitive Computer System(like Automation, SCADA) i.e independent Earthing in normal soil. Length of Pipe : 3.00 mtrs Back filling Compound :2 nos Bags of 25 Kg.	Ea	6.00	8636.51	Rupees Eight Thousand Six Hundred Thirty Six and Paise Fifty One Only	51,819.06

290	Supplying & erecting D.C.P. type fire extinguisher for following capacity cartridge type with gun metal cap 150 gram CO2 gas cartridge, powder and brackets confirming to IS 2171 1985 and complete erected with necessary clamps made from 50 x 6 mm M S Flat with nuts and bolts grouted in wall complete.[A] For 5 Kg Capacity	Ea	10.00	1712.96	Rupees One Thousand Seven Hundred Twelve and Paise Ninety Six Only	17,129.60
291	Supplying & erecting D.C.P. type fire extinguisher for following capacity cartridge type with gun metal cap 150 gram CO2 gas cartridge, powder and brackets confirming to IS 2171 1985 and complete erected with necessary clamps made from 50 x 6 mm M S Flat with nuts and bolts grouted in wall complete.[B] For 10 Kg Capacity	Ea	10.00	2226.04	Rupees Two Thousand Two Hundred Twenty Six and Paise Four Only	22,260.40
292	Providing and fixing printed instruction chart both in English and Gujarati and duly framed with front glasses, for treatment of person suffering from Electric shock with minimum 50" diagonally size.	Ea	2.00	130.29	Rupees One Hundred Thirty and Paise Twenty Nine Only	260.58
293	Providing pair of rubber hand gloves suitable for working on 11 KV/22 KV supply.	Ea	2.00	214.12	Rupees Two Hundred Fourteen and Paise Twelve Only	428.24
294	Supplying rubber matting of following thickness as per IS:15652/IEC 61111 (b)4mm	Sq. Mtr	12.00	1027.17	Rupees One Thousand Twenty Seven and Paise Seventeen Only	12,326.04
295	Supplying rubber matting of following thickness as per IS:15652/IEC 61111 (c)12mm	Sq. Mtr	6.00	3081.51	Rupees Three Thousand Eighty One and Paise Fifty One Only	18,489.06
296	Supplying stand first AID box with antiseptic cream, medicine for use on wounds due burn, crepe bandage, gauge bandage, medicated ready to use bandage (Band-aid) adhesive tape for medicinal user, Scissors, anti-septic solution (Savlon or similar) etc. (All above contents shall be of standard makes)	Ea	2.00	299.97	Rupees Two Hundred Ninety Nine and Paise Ninety Seven Only	599.94
297	Supplying FIRE bucket round bottom of 9 litres capacity made out of 24 gauge G.I. sheet with extra handle at bottom duly painted white inside and Red out side with FIRE mark, filled with dry-sand and kept on existing stand provided or hung on wall hook.	Ea	6.00	214.12	Rupees Two Hundred Fourteen and Paise Twelve Only	1,284.72
298	Supplying and erecting floor mounting stand for keeping four nos. of FIRE buckets comprising 1500 mm in length, 900 mm height frame made out of 30mm X30 mm X 4 mm angle iron with cross supports for legs, welded with 4 hooks and duly painted with one coat of red lead and two coats of approved enamelled silver paint.	Ea	6.00	942.33	Rupees Nine Hundred Forty Two and Paise Thirty Three Only	5,653.98
299	Wall hook 22 to 25 cms. projection for keeping fire buckets made out of 15 mm dia. M.S rod grouted in wall to a depth of minimum 15 cms.	Ea	6.00	60.60	Rupees Sixty and Paise Sixty Only	363.60
300	Transformer oil having good resistance to high electrical stress, high di-electric strength (50KV) low viscosity, low pour point, high flash point and excellent thermal properties for efficient heat transfer and cooling as per I.S.335 -1972.	Ltr	20.00	90.90	Rupees Ninety and Paise Ninety Only	1,818.00

301	<p>Providing & erecting weather proof, dust & vermin proof, floor mounted front operated outdoor type double door cubical panel board necessary IP-54 and above protection as per approval from engineer incharge made from 14 SWG thick CRC M.S. sheet for outer body & doors, 16 SWG thick CRC M.S. sheet for internal partitions with necessary accessories , supporting angles/ flats channel including cutting, bending, drilling, welding, riveting with internal partitions & cable alley as per requirements & instruction of engineer-in-charge with erection of</p> <p>supplied switch gears, BUSBARS, suitable size of inter connecting PVC copper wire / copper-aluminium strips, rubber grommets, rib, bakelite control fuses/MCB for measuring instruments, earth bus & earth bolts, foundation flange - bolts-base Plates, sufficient nos. of hinged doors, handles with locking arrangement and rubber gasket, heavy duty end terminal connection, danger notice board, necessary ventilation, earthing strip complete. The Panel shall be painted with epoxy powder coating.</p> <p>(The rates excludes the cost of switchgears, bus bars, inter connecting mains & Copper Aluminium strips, meters, Fuses etc. The dimension shall be measured excluding base beams) The panel shall be supplied with following approved manufacturers with following size.</p> <p>(B) The standard companies switch gear shall be used and only manufacturers at CPRI approved factory and TTTA panel</p> <p>Supply, Installation, Testing & Commissioning of Main LT Panel as per SLD & Specification</p>	Ea	1.00	1839777.62	Rupees Eighteen Lakhs Thirty Nine Thousand Seven Hundred Seventy Seven and Paise Sixty Two Only	18,39,777.62
302	Supply, Installation, Testing & Commissioning of Ground Floor Lighting & Power Panel as per SLD & Specification	Ea	1.00	75816.66	Rupees Seventy Five Thousand Eight Hundred Sixteen and Paise Sixty Six Only	75,816.66
303	Supply, Installation, Testing & Commissioning of First Floor Lighting & Power Panel as per SLD & Specification	Ea	1.00	75816.66	Rupees Seventy Five Thousand Eight Hundred Sixteen and Paise Sixty Six Only	75,816.66
304	Supply, Installation, Testing & Commissioning of UPS PANEL (OUTGOING) as per SLD & Specification	Ea	1.00	39766.00	Rupees Thirty Nine Thousand Seven Hundred Sixty Six and Paise Zero Only	39,766.00
305	Supply, Installation, Testing & Commissioning of Ground Floor HVAC Panel as per SLD & Specification	Ea	1.00	1626100.00	Rupees Sixteen Lakhs Twenty Six Thousand One Hundred and Paise Zero Only	16,26,100.00
306	Supply, Installation, Testing & Commissioning of First Floor PHE Panel as per SLD & Specification	Ea	1.00	45942.00	Rupees Forty Five Thousand Nine Hundred Forty Two and Paise Zero Only	45,942.00

307	Supply, Installation, Testing & Commissioning of EXTERNAL LIGHTING Panel as per SLD & Specification	Ea	1.00	122210.00	Rupees One Lakh Twenty Two Thousand Two Hundred Ten and Paise Zero Only	1,22,210.00
308	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)50 mm outer dia	Mtr	300.00	62.62	Rupees Sixty Two and Paise Sixty Two Only	18,786.00
309	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. (B)63mm outer dia	Mtr	100.00	73.73	Rupees Seventy Three and Paise Seventy Three Only	7,373.00
310	Making trench in Hard Murrum / Tar Road of suitable width of 90 cm or required depth for laying any size of cable or locating the fault all over the run and back filling the same and making the surface as normal ground.	Mtr	400.00	62.62	Rupees Sixty Two and Paise Sixty Two Only	25,048.00
311	Covering of cable with second class bricks or cement tiles laid cover the cable crosswise & also on both sides with covering of 7.5 Cm. layer of sand above & below cable (16 bricks per meter)	Mtr	400.00	134.33	Rupees One Hundred Thirty Four and Paise Thirty Three Only	53,732.00
312	Providing and erecting iron clad cable route marker duly marked with ELE.CABLE of size 23 cm.X 12 cm. Flushed with ground in cement foundation as directed by Engineer in charge.	Ea	6.00	240.38	Rupees Two Hundred Forty and Paise Thirty Eight Only	1,442.28
313	Providing & laying. R.C.C. Hume pipe for cable to be laid 90 cm. below ground across the road crossing or on floor with necessary material in an approved manner and making the ground as per original.(E) 150 mm dia	Mtr	10.00	263.61	Rupees Two Hundred Sixty Three and Paise Sixty One Only	2,636.10
314	Providing & laying. R.C.C. Hume pipe for cable to be laid 90 cm. below ground across the road crossing or on floor with necessary material in an approved manner and making the ground as per original. (C) 300 mm dia	Mtr	10.00	343.40	Rupees Three Hundred Forty Three and Paise Forty Only	3,434.00
315	Supply, Installation, Testing & Commissioning of 450mm x 450mm wide x 600mm Deep Electrical Manhole with 450mm circular cover. Above sizes shall be internal, complete with Civil Structure & Required drain.	Ea	1.00	13130.00	Rupees Thirteen Thousand One Hundred Thirty and Paise Zero Only	13,130.00
316	Supply, Installation, Testing & Commissioning of 900mm x 900mm wide x 900mm Deep Electrical Manhole with 450mm circular cover. Above sizes shall be internal, complete with Civil Structure & Required drain.	Ea	2.00	17170.00	Rupees Seventeen Thousand One Hundred Seventy and Paise Zero Only	34,340.00
317	Supply, Installation, Testing & Commissioning of 1200mm x 1200mm wide x 1200mm Deep Electrical Manhole with 450mm circular cover. Above sizes shall be internal, complete with Civil Structure & Required drain.	Ea	2.00	21210.00	Rupees Twenty One Thousand Two Hundred Ten and Paise Zero Only	42,420.00

318	SITC of Vertical Air Termination Solid aluminium with Base-10 mm dia and 1000 mm long. Air Termination Base tested for conditioning, Ageing Test & Lightning impulse current withstand test: 100 kA of 10/350µs waveform in an accredited Third party laboratory as per 6.3 & 6.4 of IEC 62561-1 2017 protocol with MAST 34mm dia 3000 mm long Cold Galvanized	Ea	10.00	9416.23	Rupees Nine Thousand Four Hundred Sixteen and Paise Twenty Three Only	94,162.30
319	SITC of Galvanized Steel Flat 25x6 mm thickness from earth electrode directly in ground as required. Zinc coating: 500 g/m square (Approx:70 micron coating) tested and used exclusively for lightning protection earthing system and ring equipotential bonding.	Mtr	1000.00	154.53	Rupees One Hundred Fifty Four and Paise Fifty Three Only	1,54,530.00
320	SITC of 14.2 mm dia 3 mtr long Earth electrode of High tensile steel electrode with 250 micron copper bonding & 1 bag of Carbon fill Based environment friendly backfill tested as per IEC 62561-7 in NABL accredited Laboratory and suitable stainless Steel double sided clamp. Eco Friendly rust proof heavy duty weather proof Polyethylene Earth Pit Chamber with following dimensions :254 mm dia (top), 330 mm dia (bottom) & 260 mm (height).	Per Set	10.00	5992.33	Rupees Five Thousand Nine Hundred Ninety Two and Paise Thirty Three Only	59,923.30
321	Fire Bucket Set (Set of 4 Fire Buckets with Ground Stand).	No.	4.00	2469.00	Rupees Two Thousand Four Hundred Sixty Nine and Paise Zero Only	9,876.00
322	Main Fire Hydrant Pump (Electric Motor Driven): Required Flow in Liter Per Minute: 2280 Required Head in Meter: 70 Rotation Per Minute: 2900 Pump Type: Back Pull-out type 'Single Stage, Centrifugal, End Suction-Top Delivery Pump' with Cast Iron Volute Casing and Cover, Bronze Impeller, SS (45C8) Shaft and Mechanical Seal. With suitable TEFC Electric Motor with IP 55 Protection and Class- F Insulation. With Set of Accessories like Couplings, Couplings Guards, Base Frame, Foundation Blots, Vibration Pads, Suitable End Flanges, Packings, GI Nut-Bolts and RCC Foundation. The pump-set shall be capable of giving not less than 150% discharge at a head not less than 65% of the rated head.	Set	1.00	219000.00	Rupees Two Lakhs Nineteen Thousand and Paise Zero Only	2,19,000.00
323	Jockey Pump (Electric Motor Driven): Required Flow in Liter Per Minute: 180 Required Head in Meter: 70 Rotation Per Minute: 2900 Pump Type: Back Pull-out type 'Single Stage, Centrifugal, End Suction-Top Delivery Pump' with Cast Iron Volute Casing and Cover, Bronze Impeller, SS (45C8) Shaft and Mechanical Seal. With suitable TEFC Electric Motor with IP 55 Protection and Class- F Insulation. With Set of Accessories like Couplings, Couplings Guards, Base Frame, Foundation Blots, Vibration Pads, Suitable End Flanges, Packings, GI Nut-Bolts and RCC Foundation. The pump-set shall be capable of giving not less than 150% discharge at a head not less than 65% of the rated head.	Set	1.00	90000.00	Rupees Ninety Thousand and Paise Zero Only	90,000.00

324	<p>Standby Fire Hydrant Pump (Diesel Engine Driven): Required Flow in Liter Per Minute: 2280 Required Head in Meter: 70 Rotation Per Minute: 1400 to 1800 Pump Type- Back Pull-out type 'Single Stage, Centrifugal, End Suction-Top Delivery Pump' or 'Single Stage, Centrifugal, Side Suction-Side Delivery Split Casing' Pump with Cast Iron Volute Casing and Cover, Bronze Impeller, SS (45C8) Shaft and Mechanical Seal. With suitable radiator cooled diesel engine of speed matching the pump speed with key-start as well as auto start facility with battery & battery charger, necessary wiring, fuel piping, exhaust piping, 100 l MS Fabricated diesel tank, 25 l diesel, engine-oil and coolant. With Set of Accessories like Couplings, Couplings Guards, Base Frame, Foundation Blots, Vibration Pads, Suitable End Flanges, Packings, GI Nut-Bolts and RCC Foundation. The pump-set shall be capable of giving not less than 150% discharge at a head not less than 65% of the rated head.</p>	Set	1.00	489000.00	Rupees Four Lakhs Eighty Nine Thousand and Paise Zero Only	4,89,000.00
325	<p>Fire Pump Power Cum Control Panel: Totally enclosed fire pump power cum control panel, fabricated from 1.6 mm thick MS sheet (to give IP 55 protection) spray painted with FIRE RED colour shade, heavy 4 strip sleeved aluminium bus bar, MCCBs etc. as required. The control panels should be comparable with H.P of the motor as specified. INCOMING: Suitable 4 pole incoming MCCB complete with the rotary handle, One-Digital voltmeter and Ammeter with selector switch, 3 Phase indicating lamps, instrument fuses and switches, Aluminium Bus bar. OUTGOING: Suitable Two star/ delta starters outgoing feeders to Hydrant and Sprinkler Pump motor. The compartment shall contain CT operated ammeter of 0-250 amps with auto/manual selector switch with MCBs for 'ON'/'OFF' trip status of motor. One star / delta starter with single phase preventer and outgoing feeder to Jockey Pumps. The compartment shall contain CT operated ammeter of 0-30 amps with with auto/manual selector switch with MCBs for 'ON'/'OFF' trip status of motor. Two sets of On/Off - neon indicating lamp. DIESEL ENGINE STARTER: 1 set of Automatic Trip unit of suitable rating operating at 24V DC for Fully Automatic Diesel engine starting system complete with battery charger, 8 window annunciator, indicating lights, transformer, rectifier, timer, voltmeter ammeter, selector switches, push buttons, auxiliary relay etc complete as</p>	Set	1.00	168000.00	Rupees One Lakh Sixty Eight Thousand and Paise Zero Only	1,68,000.00

326	<p>Pipes (Aboveground): Supply, fabrication, installation, hydro-testing and painting of Galvanised (GI), C- Class (Heavy) Pipe as per IS:1239 with necessary heavy class ISI marked pipe fitments (like flanges, bands, tees, sockets etc.), heavy pipe supports (clamps, hangers, brackets etc.) and labour charge.</p> <p>Installation Notes: 1. Only Threading work for Pipe Size of 50 mm & below, And Electric Arc Welding work for Pipe Size above 50 mm. 2. All aboveground pipes and other parts shall be painted with 1 coat of metal primer and 2 coats of synthetic enamel oil paint of fire red shed. 3. all underground pipe and pipe fitments shall be coated with 1 coat of tar based primer and PYPKOTE make 4 mm thick wrapping coating. 4. Insert sleeve at pipe crossing from hole / core cut of wall , slab, tank etc. Size: 300 mm (Welding)</p>	m	6.00	6288.00	Rupees Six Thousand Two Hundred Eighty Eight and Paise Zero Only	37,728.00
327	150 mm (Welding)	m	18.00	2628.00	Rupees Two Thousand Six Hundred Twenty Eight and Paise Zero Only	47,304.00
328	65 mm (Welding)	m	6.00	1008.00	Rupees One Thousand Eight and Paise Zero Only	6,048.00
329	25 mm (Threading)	m	12.00	426.00	Rupees Four Hundred Twenty Six and Paise Zero Only	5,112.00
330	<p>Foot Valve (Pressure Rating: PN 16): Normex make Ball Type or L&T or other equivalent make Shaft & Disk Type 'Flange End' metallic foot valve with cast iron body, gunmetal or bronze or SS-304 working parts and CS nut-bolts; with necessary flange, nitrile flange packing, GI nut-bolts and installation charge. Size: 150 mm</p>	No.	3.00	9879.00	Rupees Nine Thousand Eight Hundred Seventy Nine and Paise Zero Only	29,637.00
331	Size: 65 mm	No.	1.00	3669.00	Rupees Three Thousand Six Hundred Sixty Nine and Paise Zero Only	3,669.00
332	<p>Strainer (Pressure Rating: PN 16): Flange End, Y-Type strainer with cast iron body, gunmetal or bronze or SS-304 mesh and CS nut-bolts; with necessary flanges, nitrile flange packings, GI nut-bolts and installation charge. Size: 150 mm</p>	No.	1.00	24699.00	Rupees Twenty Four Thousand Six Hundred Ninety Nine and Paise Zero Only	24,699.00
333	<p>Rubber Expansion Bellow (Pressure Rating: PN 16): Resistoflex or other equivalent make single or double sphere (arch) bellow with powder coated flanges, braided EPDM rubber bellow, GI expansion control bolts & plates; with necessary flanges, GI nut-bolts and installation charge. Size: 150 mm</p>	No.	6.00	9789.00	Rupees Nine Thousand Seven Hundred Eighty Nine and Paise Zero Only	58,734.00

334	Size: 65 mm	No.	2.00	3459.00	Rupees Three Thousand Four Hundred Fifty Nine and Paise Zero Only	6,918.00
335	Sluice Valve (Pressure Rating: PN 16): Rising Stem type Wedge Gate Sluice Valve with flange ends, CI body, CI or bronze wedge gate and SS-410 spindle (stem); with necessary flanges, nitrile flange packings, GI nut-bolts and installation charge. Size: 150 mm	No.	1.00	12579.00	Rupees Twelve Thousand Five Hundred Seventy Nine and Paise Zero Only	12,579.00
336	Size: 100 mm	No.	1.00	8799.00	Rupees Eight Thousand Seven Hundred Ninety Nine and Paise Zero Only	8,799.00
337	Non Return Valve (Pressure Rating: PN 16): Sandwich type Duel Plate non return valve with CI body, SS 316 Disk, SS Spring, SS Spindle and EPDM lining and seat; with necessary flanges, nitrile flange packings, GI nut-bolts and installation charge. Size: 150 mm	No.	1.00	9300.00	Rupees Nine Thousand Three Hundred and Paise Zero Only	9,300.00
338	Ball Valve (Pressure Rating: PN 16): Flange End Ball Valve with Bronze/SS/ CI body, SS Ball and SS Spindle; with necessary flanges, nitrile flange packings, GI nut-bolts and installation charge. Size: 25 mm	No.	2.00	1359.00	Rupees One Thousand Three Hundred Fifty Nine and Paise Zero Only	2,718.00
339	Non Return Valve (Pressure Rating: PN 16): Flange End Non Return Valve with Bronze/SS/ CI body, SS Disk and SS Spindle; with necessary flanges, nitrile flange packings, GI nut-bolts and installation charge. Size: 25 mm	No.	2.00	1359.00	Rupees One Thousand Three Hundred Fifty Nine and Paise Zero Only	2,718.00
340	Pressure Gauge (Range: 0- 16 bar): Glycerine-filled, diaphragm or bourden-tube type 100 mm dial SS pressure gauge with SS Siphon Tube, SS niddle valve and necessary pipe fitments.	No.	3.00	2199.00	Rupees Two Thousand One Hundred Ninety Nine and Paise Zero Only	6,597.00
341	Pressure Switch (UL Listed): Industrial pressure switch of ranges with matching with system desing pessures, with adjustable range and differential scales with SS Siphon Tube, SS niddle valve and necessary pipe fitments.	No.	2.00	2499.00	Rupees Two Thousand Four Hundred Ninety Nine and Paise Zero Only	4,998.00
342	Air Cushion Vessel: Precharged MS fabricated air vessel, size: 600 mm dia x 2000 mm height x 8 mm thick, with 25 mm PN 16 flanged bronze ball valve at inlet, 25 mm PN 16 flanged bronze ball valve at drain and 25 mm gunmetal air release valve on top, powder coated inside & outside, with necessary ground support, fixing fasteners, pipe fitments and GI nut-bolts.	No.	1.00	36900.00	Rupees Thirty Six Thousand Nine Hundred and Paise Zero Only	36,900.00

343	<p>Pipes (Aboveground): Supply, fabrication, installation, hydro-testing and painting of Galvanised (GI), C- Class (Heavy) Pipe as per IS:1239 with necessary heavy class ISI marked pipe fitments (like flanges, bands, tees, sockets etc.), heavy pipe supports (clamps, hangers, brackets etc.) and labour charge.</p> <p>Installation Notes: 1. Only Threading work for Pipe Size of 50 mm & below, And Electric Arc Welding work for Pipe Size above 50 mm. 2. All aboveground pipes and other parts shall be painted with 1 coat of metal primer and 2 coats of synthetic enamel oil paint of fire red shed. 3. all underground pipe and pipe fitments shall be coated with 1 coat of tar based primer and PYPKOTE make 4 mm thick wrapping coating. 4. Insert sleeve at pipe crossing from hole / core cut of wall , slab, tank etc.) Size: 100 mm (Welding)</p>	m	36.00	1719.00	Rupees One Thousand Seven Hundred Nineteen and Paise Zero Only	61,884.00
344	<p>Pipes (Aboveground): Supply, fabrication, installation, hydro-testing and painting of Galvanised (GI), C- Class (Heavy) Pipe as per IS:1239 with necessary heavy class ISI marked pipe fitments (like flanges, bands, tees, sockets etc.), heavy pipe supports (clamps, hangers, brackets etc.) and labour charge.</p> <p>Installation Notes: 1. Only Threading work for Pipe Size of 50 mm & below, And Electric Arc Welding work for Pipe Size above 50 mm. 2. All aboveground pipes and other parts shall be painted with 1 coat of metal primer and 2 coats of synthetic enamel oil paint of fire red shed. 3. all underground pipe and pipe fitments shall be coated with 1 coat of tar based primer and PYPKOTE make 4 mm thick wrapping coating. 4. Insert sleeve at pipe crossing from hole / core cut of wall , slab, tank etc.) Size: 80 mm (Welding)</p>	m	6.00	1224.00	Rupees One Thousand Two Hundred Twenty Four and Paise Zero Only	7,344.00
345	<p>Single Hydrant Valve: 63 mm Oblique patern fire hydrant landing valve confirming to IS:5290. Valve body: Stainless Steel (SS-304), Working Parts: Stainless Steel (SS-304), Coupling: Stainless Steel (SS-304), Blank Cap: ABS Plastic, with NB 75 mm- PCD 160 mm flange end with necessary tee, flange, nitrile flange packing and GI nut-bolts.</p>	No.	6.00	5499.00	Rupees Five Thousand Four Hundred Ninety Nine and Paise Zero Only	32,994.00
346	<p>Delivery Hose: Set of 02 nos. of 63 mm dia. X 15 m long RRL Type A fire delivery hose confirming to IS: 636, Type-A. Duly riveted and bind with SS/ Copper wire (Double Binding) to a set of SS 304 made instantaneous type delivery hose couplings confirming to IS: 903.</p>	No.	6.00	9000.00	Rupees Nine Thousand and Paise Zero Only	54,000.00
347	<p>Double Fire Hose Cabinet (Wall Mounting): Powder coated MS fire hose cabinet size 600x 750x 250 mm to accommodate 2 sets of fire delivery hose with couplings and 1 no. of nozzle; fabricated from 16 G CRCA sheet with lock-n-key facility as per industry norms.</p>	No.	6.00	4500.00	Rupees Four Thousand Five Hundred and Paise Zero Only	27,000.00
348	<p>Short Branch-pipe Nozzle: 25 mm x 63 mm, SS-304, Short Branch-pipe type solid jet nozzle confirming to IS: 903.</p>	No.	6.00	1500.00	Rupees One Thousand Five Hundred and Paise Zero Only	9,000.00

349	<p>Fire Hose Reel Set: Vertical- swinging type (Bombay style) first aid fire hose reel set with 16 G- MS powder coated drum (Confirming to IS: 884), 20 mm dia x 40 m long nylon braided PVC flexible hose, 5 mm x 20 mm SS shut-off type jet nozzle, 25 mm threaded bronze ball valve and GI, C- Class pipe and pipe fitments & fixing fasteners.</p>	No.	6.00	9780.00	Rupees Nine Thousand Seven Hundred Eighty and Paise Zero Only	58,680.00
350	<p>Pipes (Underground): Supply, fabrication, installation, hydro-testing and wrapping coating of Galvanised (GI), C- Class (Heavy) Pipe as per IS:1239 with necessary heavy class ISI marked pipe fitments (like flanges, bands, tees, sockets etc.), and labour charge. The work also include civilwork like providing PCC pipe sleeper support to underground pipe, soil excavation, 150 mm thick sand bedding and earth filling.</p> <p>Installation Notes: 1. Only Threading work for Pipe Size of 50 mm & below, And Electric Arc Welding work for Pipe Size above 50 mm. 2. All aboveground pipes and other parts shall be painted with 1 coat of metal primer and 2 coats of synthetic enamel oil paint of fire red shed. 3. all underground pipe and pipe fitments shall be coated with 1 coat of tar based primer and PYPKOTE make 4 mm thick wrapping coating. 4. Insert sleeve at pipe crossing from hole / core cut of wall , slab, tank etc.) Size: 150 mm (Welding)</p>	m	36.00	2628.00	Rupees Two Thousand Six Hundred Twenty Eight and Paise Zero Only	94,608.00
351	100 mm (Welding)	m	120.00	1719.00	Rupees One Thousand Seven Hundred Nineteen and Paise Zero Only	2,06,280.00
352	80 mm (Welding)	m	6.00	1224.00	Rupees One Thousand Two Hundred Twenty Four and Paise Zero Only	7,344.00
353	<p>Single Hydrant Valve: 63 mm Oblique patern fire hydrant landing valve confirming to IS:5290. Valve body: Stainless Steel (SS-304), Working Parts: Stainless Steel (SS-304), Coupling: Stainless Steel (SS-304), Blank Cap: ABS Plastic, with NB 75 mm- PCD 160 mm flange end with necessary tee, flange, nitrile flange packing and GI nut-bolts.</p>	No.	3.00	5499.00	Rupees Five Thousand Four Hundred Ninety Nine and Paise Zero Only	16,497.00
354	<p>Delivery Hose: Set of 02 nos. of 63 mm dia. X 15 m long RRL Type A fire delivery hose confirming to IS: 636, Type-A. Duly riveted and bind with SS/ Copper wire (Double Binding) to a set of SS 304 made instantaneous type delivery hose couplings confirming to IS: 903.</p>	No.	3.00	9000.00	Rupees Nine Thousand and Paise Zero Only	27,000.00
355	<p>Double Fire Hose Cabinet (Wall Mounting): Powder coated MS fire hose cabinet size 600x 750x 250 mm to accommodate 2 sets of fire delivery hose with couplings and 1 no. of nozzle; fabricated from 16 G CRCA sheet with lock-n-key facility as per industry norms.</p>	No.	3.00	4500.00	Rupees Four Thousand Five Hundred and Paise Zero Only	13,500.00
356	<p>Short Branch-pipe Nozzle: 25 mm x 63 mm, SS-304, Short Branch-pipe type solid jet nozzle confirming to IS: 903</p>	No.	3.00	1500.00	Rupees One Thousand Five Hundred and Paise Zero Only	4,500.00

357	<p>4-Way Fire Service Inlet: Fire Service Inlet with 04 no; 63 mm male instantaneous couplings with built-in NRVs as per IS standards. Valve body: Cast Iron, NRV: Stainless Steel (SS-304), Blank Cap: ABS Plastic, with NB 150 mm- PCD 240 mm flange end with necessary C- Class GI-long band, flange, nitrile flange packing and GI nut-bolts.</p>	No.	2.00	21900.00	Rupees Twenty One Thousand Nine Hundred and Paise Zero Only	43,800.00
358	<p>2-Way Fire Service Inlet: Fire Service Inlet with 02 no; 63 mm male instantaneous couplings with built-in NRVs as per IS standards. Valve body: Cast Iron, NRV: Stainless Steel (SS-304), Blank Cap: ABS Plastic, with NB 100 mm flange end with necessary C- Class GI-long band, flange, nitrile flange packing and GI nut-bolts.</p>	No.	2.00	13599.00	Rupees Thirteen Thousand Five Hundred Ninety Nine and Paise Zero Only	27,198.00
359	<p>2-Way Fire Service Collecting Head: 2 Way Fire Service Collecting Head to fill UG water in fire water tank with 02 no; 63 mm male instantaneous couplings with built-in NRVs as per IS standards. Valve body: Cast Iron, NRV: Stainless Steel (SS-304), Blank Cap: ABS Plastic, with NB 100 mm- PCD 180 mm flange end with necessary C- Class GI-long band, flange, nitrile flange packing and GI nut-bolts.</p>	No.	1.00	13599.00	Rupees Thirteen Thousand Five Hundred Ninety Nine and Paise Zero Only	13,599.00
360	<p>Fire Water Draw-out Connection: Draw-out connection for fire service to suck water from UGT; complete with 100 mm SS 304 suction coupling with blank cap fitted to 100 mm GI C-Class Pipe with 100 mm Foot Valve (Pressure Rating: PN 10) on the other end. Foot valve: Normex make Ball Type or L&T or other equivalent make Shaft & Disk Type 'Flange End' metallic foot valve with cast iron body, gunmetal or bronze or SS-304 working parts and CS nut-bolts; with necessary flange, nitrile flange packing, GI nut-bolts and installation charge.</p>	No.	1.00	8799.00	Rupees Eight Thousand Seven Hundred Ninety Nine and Paise Zero Only	8,799.00
361	<p>Pressure Gauge (Range: 0- 16 bar): Glycerine-filled, diaphragm or bourden-tube type 100 mm dial SS pressure gauge with SS Siphon Tube, SS middle valve and necessary pipe fitments.</p>	No.	1.00	2199.00	Rupees Two Thousand One Hundred Ninety Nine and Paise Zero Only	2,199.00
362	<p>Pipes (Aboveground): Supply, fabrication, installation, hydro-testing and painting of Galvanised (GI), C- Class (Heavy) Pipe as per IS:1239 with necessary heavy class ISI marked pipe fitments (like flanges, bands, tees, sockets etc.), heavy pipe supports (clamps, hangers, brackets etc.) and labour charge.</p> <p>Installation Notes: 1. Only Threading work for Pipe Size of 50 mm & below, And Electric Arc Welding work for Pipe Size above 50 mm. 2. All aboveground pipes and other parts shall be painted with 1 coat of metal primer and 2 coats of synthetic enamel oil paint of fire red shed. 3. all underground pipe and pipe fitments shall be coated with 1 coat of tar based primer and PYPKOTE make 4 mm thick wrapping coating. 4. Insert sleeve at pipe crossing from hole / core cut of wall , slab, tank etc.) Size: 150 mm (Welding)</p>	m	175.00	2628.00	Rupees Two Thousand Six Hundred Twenty Eight and Paise Zero Only	4,59,900.00

363	100 mm (Welding)	m	55.00	1719.00	Rupees One Thousand Seven Hundred Nineteen and Paise Zero Only	94,545.00
364	80 mm (Welding)	m	40.00	1224.00	Rupees One Thousand Two Hundred Twenty Four and Paise Zero Only	48,960.00
365	65 mm (Welding)	m	59.00	1008.00	Rupees One Thousand Eight and Paise Zero Only	59,472.00
366	50 mm (Threading)	m	59.00	801.00	Rupees Eight Hundred One and Paise Zero Only	47,259.00
367	40 mm (Threading)	m	247.00	606.00	Rupees Six Hundred Six and Paise Zero Only	1,49,682.00
368	32 mm (Threading)	m	162.00	525.00	Rupees Five Hundred Twenty Five and Paise Zero Only	85,050.00
369	25 mm (Threading)	m	386.00	426.00	Rupees Four Hundred Twenty Six and Paise Zero Only	1,64,436.00
370	Wet Alarm Valve: Wet Alarm Valve for sprinkler system with Constant Pressure Trim Assembly-01 no. (Consists of Pressure Gauge-02 nos; Drain Valve-01 no; Retard Chamber-01 no.), Water motor gong bell-01 no; Butterfly valve-01 no. and other pipe fitments, hardware and consumables. Working Pressure: Max 17.5 Kg/cm2. End Connection: Flange End. Size: 150 mm	No.	1.00	54900.00	Rupees Fifty Four Thousand Nine Hundred and Paise Zero Only	54,900.00
371	Sprinklers: Automatic fire sprinkler head with fusible qurtzoid bulb with UL listing. Material: chrome plated brass only. Sprinkler Type: Pendent type (68 Dg; standrad response-standard coverage).	No.	64.00	369.00	Rupees Three Hundred Sixty Nine and Paise Zero Only	23,616.00
372	Sprinklers: Automatic fire sprinkler head with fusible qurtzoid bulb with UL listing. Material: chrome plated brass only. Sprinkler Type: Upright type (68 Dg; standard response-standard coverage)	No.	246.00	399.00	Rupees Three Hundred Ninety Nine and Paise Zero Only	98,154.00
373	SS Flexible Drop Pipe: Unbraided, Corrugated SS flexible sprinkler drop pipe to install sprinklers in false-ceilings, complete set with 25 mm x 2.5" branch-line induct nipple, 25 mm x 15 mm staright reducer and clamping system with square support bar, with UL Listing. Size: 25mm x 1200 mm	No.	204.00	897.00	Rupees Eight Hundred Ninety Seven and Paise Zero Only	1,82,988.00

374	Rosette Plate: Sprinkler rosette plate (Decorative Plate) made from brass with chrome finish / powder coating, with UL listing. Size: 15 mm fixed type	No.	204.00	297.00	Rupees Two Hundred Ninety Seven and Paise Zero Only	60,588.00
375	Sprinkler Alarm Flow Switch: Potter make UL listed flow switch with retard with IP54 protection. Suitable for pipe size: 100 mm	No.	4.00	4149.00	Rupees Four Thousand One Hundred Forty Nine and Paise Zero Only	16,596.00
376	Size: 80 mm	No.	1.00	4849.00	Rupees Four Thousand Eight Hundred Forty Nine and Paise Zero Only	4,849.00
377	Fire Sprinkler Alarm Panel:	No.	1.00	36000.00	Rupees Thirty Six Thousand and Paise Zero Only	36,000.00
378	Sprinkler Test & Drain Valve: HD make UL listed 3 way type sprinkler test and drain valve consisting 3 position setting (Off / Test / Drain) with built-in sight glass window. Brass construction with BSPT ends. Size: 50 mm	No.	5.00	7899.00	Rupees Seven Thousand Eight Hundred Ninety Nine and Paise Zero Only	39,495.00
379	Sprinkler Drain Pipe (Aboveground): Supply, fabrication, installation, hydro-testing and painting of Galvanised (GI), C- Class (Heavy) Pipe as per IS:1239 with necessary heavy class ISI marked pipe fitments (like flanges, bands, tees, sockets etc.), heavy pipe supports (clamps, hangers, brackets etc.) and labour charge. Size: 80 mm (Welding)	m	18.00	1224.00	Rupees One Thousand Two Hundred Twenty Four and Paise Zero Only	22,032.00
380	40 mm (Welding)	m	12.00	606.00	Rupees Six Hundred Six and Paise Zero Only	7,272.00
381	Butterfly Valve (Pressure Rating: PN 16): Sandwich type butterfly valve with CI body, SS 316 Disk, SS Spindle and EPDM lining and seat; with necessary flanges, GI nut-bolts and installation charge. Size: 100 mm (Lever Operated)	No.	2.00	3969.00	Rupees Three Thousand Nine Hundred Sixty Nine and Paise Zero Only	7,938.00
382	Size: 80 mm (Lever Operated)	No.	1.00	2799.00	Rupees Two Thousand Seven Hundred Ninety Nine and Paise Zero Only	2,799.00
383	Pressure Gauge (Range: 0- 16 bar): Glycerine-filled, diaphragm or bourden-tube type 100 mm dial SS pressure gauge with SS Siphon Tube, SS niddle valve and necessary pipe fitments.	No.	4.00	2199.00	Rupees Two Thousand One Hundred Ninety Nine and Paise Zero Only	8,796.00

384	<p>PIPING AT TERRACE: (Supply, Installation, Testing & Commissioning) Pipes (Aboveground): Supply, fabrication, installation, hydro-testing and painting of Galvanised (GI), C- Class (Heavy) Pipe as per IS:1239 with necessary heavy class ISI marked pipe fittings (like flanges, bands, tees, sockets etc.), heavy pipe supports (clamps, hangers, brackets etc.) and labour charge.</p> <p>Installation Notes: 1. Only Threading work for Pipe Size of 50 mm & below, And Electric Arc Welding work for Pipe Size above 50 mm. 2. All aboveground pipes and other parts shall be painted with 1 coat of metal primer and 2 coats of synthetic enamel oil paint of fire red shed. 3. all underground pipe and pipe fittings shall be coated with 1 coat of tar based primer and PYPKOTE make 4 mm thick wrapping coating. 4. Insert sleeve at pipe crossing from hole / core cut of wall , slab, tank etc.) Size: 150 mm (Welding)</p>	m	90.00	2628.00	Rupees Two Thousand Six Hundred Twenty Eight and Paise Zero Only	2,36,520.00
385	100 mm (Welding)	m	60.00	1719.00	Rupees One Thousand Seven Hundred Nineteen and Paise Zero Only	1,03,140.00
386	<p>Butterfly Valve (Pressure Rating: PN 16): Sandwich type butterfly valve with CI body, SS 316 Disk, SS Spindle and EPDM lining and seat; with necessary flanges, GI nut-bolts and installation charge. Size: 150 mm (Lever Operated)</p>	No.	1.00	6999.00	Rupees Six Thousand Nine Hundred Ninety Nine and Paise Zero Only	6,999.00
387	Size: 100 mm (Lever Operated)	No.	2.00	3969.00	Rupees Three Thousand Nine Hundred Sixty Nine and Paise Zero Only	7,938.00
388	<p>Non Return Valve (Pressure Rating: PN 16): Sandwich type Dual Plate non return valve with CI body, SS 316 Disk, SS Spring, SS Spindle and EPDM lining and seat; with necessary flanges, nitrile flange packings, GI nut-bolts and installation charge. Size: 150 mm</p>	No.	1.00	9300.00	Rupees Nine Thousand Three Hundred and Paise Zero Only	9,300.00
389	Size: 100 mm	No.	2.00	6699.00	Rupees Six Thousand Six Hundred Ninety Nine and Paise Zero Only	13,398.00
390	<p>Pressure Gauge (Range: 0- 16 bar): Glycerine-filled, diaphragm or bourden-tube type 100 mm dial SS pressure gauge with SS Siphon Tube, SS needle valve and necessary pipe fittings.</p>	No.	3.00	2199.00	Rupees Two Thousand One Hundred Ninety Nine and Paise Zero Only	6,597.00
391	<p>Fire Alarm Control Panel: 4 Zone fire alarm control panel as per IS: 2189 with backlit LCD Display</p>	No.	1.00	4923.75	Rupees Four Thousand Nine Hundred Twenty Three and Paise Seventy Five Only	4,923.75

392	Smoke Detector: Supplying, installation, testing & commissioning of smoke detector with builtin LED and mounting base complete with all connections etc. as required.	No.	16.00	1235.23	Rupees One Thousand Two Hundred Thirty Five and Paise Twenty Three Only	19,763.68
393	Heat Detector: Supplying, installation, testing & commissioning of heat detector operating at 54°C/57°C with rate of rise cum fixed temperature (dual thermistor) type with mounting base complete with all connection etc. as required.	No.	10.00	1147.36	Rupees One Thousand One Hundred Forty Seven and Paise Thirty Six Only	11,473.60
394	Beam Detector: Supplying, installation, testing & commissioning of addressable beam detector with short circuit isolator (inbuilt or separate) complete with emitter and receiver including connections with remote test features etc complete as required.	No.	10.00	79310.25	Rupees Seventy Nine Thousand Three Hundred Ten and Paise Twenty Five Only	7,93,102.50
395	Manual Call Point (MCP): Resettable type Manual Call Point with re-settable glass with durable ABS plastic body and comply with the latest EN Standards & LPCB Approved. Complete with separate base, hardware and installational charge.	No.	10.00	626.20	Rupees Six Hundred Twenty Six and Paise Twenty Only	6,262.00
396	Hooter with Flasher: Conventional type Electronic Hooter (Siren) with Strobe (Flash Light). 94dB @1 meter Sound capacity. Comply with international standards-LPCB, CE Approved. Complete with separate base, hardware and installational charge.	No.	10.00	626.20	Rupees Six Hundred Twenty Six and Paise Twenty Only	6,262.00
397	Fire Alarm Cabling: Supply & laying of 2 core X 1.5 sq. mm. copper conductor Fire Resisting Armoured Cable with required accessories like screw, saddle, grip etc.	m	1500.00	65.65	Rupees Sixty Five and Paise Sixty Five Only	98,475.00
398	SAFETY SIGNAGE: (Supply & Installation) Photoluminescent (Glow-In-Dark) type safety sign pasted on 5mm thick PVC foam sheet with fixing or hanging with screw. Fire Pump Room Sign (12" x 12")	No.	3.00	720.00	Rupees Seven Hundred Twenty and Paise Zero Only	2,160.00
399	Building Evacuation Plan (36" x 36")	No.	8.00	6480.00	Rupees Six Thousand Four Hundred Eighty and Paise Zero Only	51,840.00
400	Emergency Contact No. Sign (12" x 24")	No.	2.00	1440.00	Rupees One Thousand Four Hundred Forty and Paise Zero Only	2,880.00
401	Fire Hydrant Point Sign (10" x 10")	No.	11.00	500.00	Rupees Five Hundred and Paise Zero Only	5,500.00
402	Fire Extinguisher Sign (6" x 6")	No.	12.00	300.00	Rupees Three Hundred and Paise Zero Only	3,600.00

403	Stair Route Marking Sign (4" x 12")	No.	16.00	240.00	Rupees Two Hundred Forty and Paise Zero Only	3,840.00
404	Route Marking Arrow Sign (3" x 9")	No.	16.00	200.00	Rupees Two Hundred and Paise Zero Only	3,200.00
405	Exit Sign (10" x 16")	No.	8.00	800.00	Rupees Eight Hundred and Paise Zero Only	6,400.00
						4,85,85,959.90

* Estimated Amount Put to Tender **Rs. 4,85,85,959.90** * Estimated Amount Put to Tender
Rs.4,85,85,959.90

Deduct :% **Below** Rs.....

Add:% **above** Rs.....

Net Rs.....

Net Rs.....

In words.....

In words.....

* (Please strike out whichever is not applicable)

Notes 1 : - All works shall be carried out as per Public Works Department Handbook and other specifications of Division or as directed.

Notes 2 - All the columns in Schedule should be filled in ink and the total of the entries in the last column should be struck by the contractor under his signature.

Notes 3 - Rates quotes include clearance of site (prior commencement of work and at its close) in all respects and hold good for work under all conditions, site, moisture, weather etc.

Notes 4 - To be continued on additional sheets, if found necessary.

Notes 5 - Where there is a discrepancy between the rate in figures and words, The rates in words will govern.

Notes 6 - Labour cess @1% (or as per the then prevailing rules of concerned department) of the work done amount shall be deducted from the bills.

Notes 8 - Works should be carried out under the supervision of project consultant appointed by GMC. The contractor has to follow their instructions after receiving necessary approval / permission from GMC and or Third party inspection shall be carried out by TPI, appointment by GMC. The Collection of materials for testing & all other quality control test shall be carried out in the presence of Project Consultant and or TPI, appointed by GMC.

Signature of the Contractor

Signature of the Deputy Municipal Commissioner