

# AHMEDABAD MUNICIPAL CORPORATION

(MAHANAGAR SEVA SADAN - NORTH ZONE)



## TENDER DOCUMENT

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E-Tender Notice No. 02-(26-27)

E.T.No:- 01

Name of Projects: Construction of Vegetable Market at T.P.No-123/C (Naroda) F.P.No.-  
39 in Thakkarbapanagar Ward of North Zone of AMC (Reinvite)

*Volume -II Financial BID*

Client-

DY.MUNICIPAL COMMISSIONER

1<sup>ST</sup> FLOOR RAJIV GANDHI BHAVAN,

NR; MEMCO ROAD NORTH ZONE

AHMEDABAD MUNICIPAL CORPORATION

AHMEDABAD..

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**MAHANAGAR SEVA SADAN - NORTH ZONE**

**Name of Projects: Construction of Vegetable Market at T.P.No-123/C (Naroda) F.P.No-  
39 in Thakkarbapanagar Ward of North Zone of AMC (Reinvite)**

**Bill of Quantities**

It. No.	Description	Unit	Qty	Rate	Amount
1	2	3	4	5	6
1.00	Clearing and grubbing road land including uprooting rank vegetation grass bushes, shrubs, sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials. (D) By mechanical means in area of thorny jungle	Hect	0.1014	34452	3493.41
2.00	Barricading the entire break down or excavated area on rental basis using wooden ballies / M.S. angles at max. 2.00 meter centre to centre, C.G.I. Sheet, reflective paint / Board out side to avoid accident & for smooth traffic diversion & movement including cautionary board etc. Item also includes for making temporary sufficient nos of lighting arrangement through out the work with necessary required arrangement. ..The same shall be removed after completion of work. (Only for break down work from start to complete) (Based on Drainage SOR 2009-10)	rmt	153	80.35	12293.55
3.00	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	Cumt	995	115.92	115340.40
4.00	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. (A) Loose or soft soil	Cumt	597	128.52	76726.44

5.00	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.(B) Dense or Hard soil	Cumt	15	148.19	2222.85
6.00	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.(C) Hard Murrum	Cumt	20	253.58	5071.60
7.00	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	Cumt	15	160.77	2411.55
8.00	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	Cumt	15	270.83	4062.45
9.00	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete	Cumt	151	455.63	68800.13
10.00	Filling foundation and plinth with murrum or selected soil in layer of 20 cm in thickness including ramming watering and consolidating etc. complete	Cumt	971	286.2	277900.20
11.00	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.	Cumt	152.1	126.48	19237.61
12.00	Filling available excavated Earth (Excluding Rock ) in trench plinth side of foundation . in layer not excluding 20 cm in depth consolidation each deposited layer by ramming and watering etc. complete	Cumt	1244	129.1	160600.40
13.00	Conveyance charges lime murrum building rubbish earth manure or sludge & excavated rock and rubbish up to 5km	Cumt	621.7	326.73	203129.61
14.00	Conveyance charges lime murrum building rubbish earth manure or sludge & excavated rock and rubbish up to 5km to 6km	Cumt	155.43	334.14	51934.11
15.00	Conveyance charges lime murrum building rubbish earth manure or sludge	Cumt	155.43	341.55	53085.82

	& excavated rock and rubbish up to 7 km To 8 km				
16.00	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 Consentration 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	Sqmt	610	104.9	63989.00
17.00	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete including cost of formwork in (A) Foundation and Plinth	Cumt	298	3751.6	1117978.79
18.00	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete.	Cumt	190	4238	805227.60
19.00	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in © Slabs,landing,shelves,Balconies Lintels, Beams, Girders and Cantilever upto floor two level.	Cumt	92	4460.4	410353.12
20.00	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in © Slabs,landing,shelves,Balconies, Lintels, Beams, Girders and Cantilever upto floor two level. : Ground Floor	Cumt	105	4496.1	472087.35
21.00	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and	Cumt	32	4593.9	147005.12

	struts, upto floor two level. : Ground Floor				
22.00	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts, upto floor two level. : First Floor	Cumt	2	4633.8	9267.52
23.00	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level	Cumt	10	4519.9	45198.80
24.00	Providing TMT Bar FE 550D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level : Foundation & Ground Floor	Kg	62276	75.46	4699346.96
25.00	Providing TMT Bar FE 550D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level : First Floor	Kg	562	76.45	42964.90
26.00	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (A) Foundations Footings Bases of Columns etc. and Mass concrete.	Sqmt	813	171.68	139575.84
27.00	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (I) Edges of slabs and Breaks in floors and walls.	Sqmt	50	67.73	3386.50

28.00	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (G) Columns Pillars Posts and struts. (1) Square Rectangular Polygonal in plan.	Sqmt	360	297.68	107164.80
29.00	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (H) (2) Sides and soffits of Beams Beam Haunchings cantilevers Girders Bressumers and Lintels exceeding 1M.in Depth.	Sqmt	617	259.88	160345.96
30.00	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (B) Flat surfaces such as soffits of suspended floors slabs Landings and the like. (1) Floors etc. upto 200 mm in thickness.	Sqmt	47	252	11844.00
31.00	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (C) Vertical surface such as walls (any thickness) partitions and the like including attached buttresses & string course & the like.	Sqmt	158	229.95	36332.10

32.00	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 1:5. (1-Cement : 5 -fine sand)(B) Conventional	Cumt	93	4011.7	373084.38
33.00	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 1:5. (1-Cement : 5 -fine sand)(B) Conventional :Ground Floor	Cumt	161	4283.9	689709.51
34.00	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 1:5. (1-Cement : 5 -fine sand)(B) Conventional :First Floor	Cumt	6	4324	25944.00
35.00	(i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1- Cement : 4 -coarse sand ) in foundation and plinth (B) Conventional	Sqmt	91	646.7	58849.70
36.00	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) : Ground Floor	Sqmt	963	155.61	149852.43
37.00	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) : First Floor	Sqmt	377	178.77	67396.29
38.00	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1- cement :4-sand) : Ground Floor	Sqmt	49	114.66	5618.34
39.00	20 mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12 mm 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.	Sqmt	775	297.68	230702.00

40.00	Providing and applying approved coloured chips 20mm thick STONE CREAT PLASTER for exterior / interior side on wall up to full height from ground level consisting of 12mm thick backing coat of CM 1:3 (1 cement : 3 Bodeli sand) and 8mm thick finishing coat of CM 1:1 (1 cement (Grey / White / Colour : 1 stone grit (approved coloured chips)) including providing & fixing 300mm wide strip of chicken net at vertical and horizontal joints of RCC and masonry including 10mm alluminium channel for expansion joint / grooves, curing, necessary scaffolding in true line and level etc. complete as directed by EIC.	Sqmt	458	709.6	324998.17
41.00	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 ( 1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for light shade	Sqmt	6	1178.1	7068.60
42.00	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand ) finishing with flush pointing in white cement.	Sqmt	4	1062.5	4250.00
43.00	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 ( 1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for antiskit	Sqmt	32	1384	44287.68
44.00	Providing and laying white glazed tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	Sqmt	91	908.17	82643.47



45.00	Providing and laying 18 mm thick polished granite stone machine cut in single piece (Max. available) in sill and jambs of door ,window,ventilation & lift wall cladding,staircase flooring landing, risers & treads, skirting laid over 10 mm thick cement mortar 1 : 3 (1 cement : 3 coarse sand) and jointed with grey cement slurry with matching pigment incl. rubbing and polishing,half rounding edge and incl. fixing of hilty fastener at every 1/3 span of sill as required size etc. complete colour and shed as approved by architect engineer in charge.	Sqmt	48	3279	157392.00
46.00	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick	Sqmt	935	982.83	918946.05
47.00	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill.	Kg	106	100.17	10618.02
48.00	Structural steel work (ConfirmingtoIS4923-1997) riveted, bolted or welded in built up for all type sections,in framed work,including cutting,hoisting,fixing in position and applying apriming coat of approved steel primer all complete as per the structural designs and directions of Engineer incharge.Column(122x61x3.6mm )	Kg	28296	126.68	3584537.28
49.00	Providing and fixing of Self Supported Roofing systems with proper overlapping and seaming b/w different sheets without making holes or preventing the overturning the roof by wind addition made up from superior quality, structural grade steel. Base metal width 912 mm, Steel Grade : Grade D and Thickness from 0.80 mm,1.10 mm,1.20 mm,1.30 mm,1.40 mm, 1.50 mm BMT, 0.85 mm APT with tolerance of +/- 0.04				

	mm, Regular Modified Polyester Imported Color Coated Galvalume Steel having Profiled width of 625 mm +/-10mm. Design, supply, & fabrication of self supported single span arch roof fabricated from mechanically seamed manufactured by American Hydraulic Machines to profiles of Imported Galvalume Cold Rolled Structural Steel coils as per standard ASTM A792, Steel Sheet, Aluminum-Zinc Alloy Coated by Hot-Dip Process, Alloy Coating AZ-150 (Aluminium-55%, Zinc-43.5% & Silicon 1.5%), Yield strength: 350 MPa, Paint coating: Regular modified polyester, Top coat of painting: 25 micron minimum (colour 20 micron and primer 5 micron). Bottom coat of painting: 12 micron minimum (colour 7 micron and primer 5 micron) using make of ThyssenKrupps, Germany/Dongbu Steel Co. Limited, Korea/ Corus Steels, U.K./ Union steel (Dongkuk) Korea/ Yjeh phuf Enterprises Ltd. Taiwan roofing systems including corrugation from single piece raw material eliminating overlaps ridges & making leak proof water tight structure. The work should be carried out by specialize and approved agency only. The rate of item is including fitting as per standard specification. As Approved By				
	1.30 mm thickness	Sqmt	615	3851	2368365.00
	1.10 mm thickness	Sqmt	10	3310	33100.00
	1.20 mm thickness	Sqmt	10	3459	34590.00
50.00	Providing and fixing single or double flush door both sides laminated and I.T.W. beading all around by using I.T.W. frame 120 m.m. x 80m.m.. shutter fabricated from 35 mm thick solid core malemine faced three layered pre laminated flat pressed wood based exterior grade bonded BWP/BWR synthetic resin having stamped IS 12823 grade I type II including three coats of lacquer polishing to exposed wooden surfaces and Stainless steel decorative type designs fixtures / fastening etc.including I.T.W. triangular batten	Sqmt	9	3847.4	34626.51

	patti of size 30m.m.x30m.m.etc. as per architectural detailed drawing and as directed by engineer in charge.				
51.00	Providing & Laying M200 grade concrete trimix using P21 (water reducing concrete admixture at 100 ml per bag of cement & recon 3 s fiber at 125 gm per bag of cement including carrying out vacuum dewatering and power floater treatment in floors well compacted mechanically vibrated finish to require levels making C channel 75 x 75 mm required to maintain level slope and thickness of the concrete road leveling of placed concrete with surface vibrator and finishing with power floater & trowel light brooming the surface & including cutting & filling of expansion joint as directed by Engineer in charge	Sqmt	474	175	82950.00
52.00	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concrete as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete.	Rmt	200	358.06	71612.00
53.00	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidelines of IRC : SP 63-2018 etc. Complete.	Sqmt	891	680.1	605969.10
54.00	Providing, laying, spreading and compacting Wet Mix Macadam (as per table 400 - 10 and 400 - 11) of well graded stone aggregate to specification including premixing the Material with water at OMC in mechanical mix plant as per approved design mix, carriage of mixed material by Tipper to site, laying	Cumt	119	1526.8	181687.50

	in uniform layers with motor grade/Front end Loader/paver finisher, in sub base/base course on a well prepared under base and compacting with vibratory roller to achieve the desired density including lighting, guarding, barricating and maintenance of diversion etc. (MoRTH specification : Clause 406) by mechanical means				
55.00	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.	Sqmt	1386.4	40.19	55718.59
56.00	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt,and remain sof loose powdered materials.etc complete	Sqmt	775	113.4	87885.00
57.00	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	Sqmt	1387	78.44	108796.28
58.00	Providing and fixing extruded aluminum Three / Two track window having extruded aluminum Colour Powder Coated section frame main outer size 127mm x 38.10mm x 1.35mm ,@ Wt.1.384 Kg/mt,horizontal Four track member size 122.20mm x 31.75mm x 1.10mm @ Wt. 1.205 Kg/mt,vertical member of size 122.20mm x 31.75mm x 1.50mm ,@ Wt. 1.398 Kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt,vertical member of size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt,@ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	Sqmt	6	1568.3	9409.62

59.00	Providing and laying waterproofing treatment for terrace including applying neat cement slurry 2.75 kg/sq.mt. of cement admix with waterproofing compound after cleaning the surface. (b) laying cement concrete using brick bats 25 to 100 mm size with 50% cement mortar 1:5 (1-cement : 5-coarse sand) admixed with waterproofing compound over 20 mm thick layer of C.M.1:5 to require slope including rounding of junction or walls and slabs (c) after two days of proper curing applying a second coat of cement slurry. (d) finishing the surface with 20 mm thick cement mortar 1:4 and finally finishing the surface with trowel As directed with cement slurry. (e) after finishing the whole terrace shall be flooded with water for a period of two weeks.	Sqmt	56	453	25368.00
60.00	Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed.	Sqmt	56	739.89	41433.84
61.00	Providing, Fabricating & Fixing signage's using 304 grade Stainless steel 1.5 mm thick brushed steel finish plate (2 nos) with 8mm thk. Acrylic sheet covered with vinyl of approved colour, sandwiched between two S.S plate and fixed with s.s struds . Sandwiched plates should be fixed in 12mm X 12mm S.S 1.5mm thk.304 grade frame and punched (laser cut) lettering carried out on both the s.s plates of required size and text as directed by Engineer and hanged to ceiling with the help of S.S 8mm thick chain at both ends with making all the fixing arrangement to the ceiling and to the plate etc. complete all As per drawings and design supplied by architect and instruction given by authority and E.I.C.	Sqinch	100	69	6900.00

62.00	<p>Providing and laying of Hot applied thermoplastic compound 2.5 mm thick including reflectorizing glass beads and 250 gms per Sq.m. area thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC-35 2015. The finished surface to be level/uniform and free from streaks and holes or chipping of Thermoplastic if any and including primer coat for C.C. surface and A.C.C. surface, in white and/or yellow colour. Rate includes brushing, blooming and cleaning and application of paint. Zebra patta/Bump patta/Lane line/Center line/Cut patta, Directional Arrow, Lettering MoRT&amp;H Clauses 803 &amp; Volume II Part III and IRC 35-2015. Rate shall include brushing, brooming, painting and repainting of worn out paint after a period of 2.5 years.</p> <p>Note:-As per drawings and design supplied by architect and instruction given by authority and E.I.C..</p>	Sqmt	100	552	55200.00
63.00	<p>Providing, Fixing, Installation of - Self Supported Galvalume Cladding sheet from with proper overlapping and seaming between different sheets without making holes or preventing the overturning the roof by wind addition made up from superior quality, structural grade steel. Base metal thickness (BMT): 0.80 mm (tolerance as <math>\pm 0.04</math>mm) metal width 610 mm with tolerance of <math>\pm 4</math> mm, Steel Grade : Grade D Regular Modified Polyster Color Coated Galvalume Steel having Profiled width of 305 mm <math>\pm 10</math> mm. Design, supply, &amp; fabrication of Verticale cladding sheet mechanically seamed manufactured by American Hydraulic Machines to profiles of Galvalume Cold Rolled Structural Steel coils as per standard ASTM A792, Steel Sheet, Aluminum-Zinc Alloy Coated by Hot-Dip Process. The work should be carried out by specialize and approved agency only. The rate of item is including fitting as per standard specification. The vendor shall give windload calculation before start of the work and the vendor shall be entirely</p>	Sqmt	300	3812.5	1143750.00

	responsible for the damage of the same during transport, installation and even after installation upto 5 years.				
64.00	Constructing 15ft Dia. and 30 ft depth water harvesting as per geologocal condition, including Excavation for harvesting upto 30ft depth including sorting out and stacking useful materials and disposing off the excavated stuff upto 50 mtr lead and protect it with necessary brickwork, controlled cement concrete M-200, PCC, filling and as per given traditional technique design and contractor track all necessary Equipment for safety and work complete as per given instruction by site incharge	Job	1	354138	354138.00
65.00	Providing, fixing and construction of sand witch type platform of 25 mm thick Kota stone top, 100 mm wide edge full moulded Facia Patti with 25mm thick prepolished Kota stone of uniform size and colour for bottom & supports at 90cm interval including necessary cement mortar 1:2 Kota shall be fixed in cement joints and pointing as specified in Kitchen / Pantry / Counter / Laboratory etc with necessary making of edges, polishing curing daily mopping with water and kerosene etc comp as directed of Engineer-in-charge. (Measured only vision finished top plan area)	Sqmt	93.312	4859	453403.01
66.00	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleanicn the surface of all dirt, dust and other	Sqmt	150	86.94	13041.00

	foreign matter.				
67.00	<p>Providing and fixing FRP frame size 125x65 mm and 35mm thick FRP shutter with wood grain raised paneled design finish shutter having extra reinforcement on sides &amp; edges in Gel coat finish.</p> <p>The core of the shutter &amp; frame is to be filed up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening &amp; also taking hinges &amp; finitues. The whole FRP frame &amp; shutter is to be water proof weather proof, termite proof &amp; resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with fastener sleeve &amp; alluminium fixtures &amp; fastenings.</p>	Sqmt	4.725	2000	9449.91
		<b>Total</b>			21841669.76
	<b>WATER SUPPLY</b>				
68	<p>Providing and fixing concealed center point to wall ceiling &amp; floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete.[A] 15 mm.</p>	Rmt	1000	165.21	165210.00
69	<p>Providing and fixing concealed center point to wall ceiling &amp; floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [B] 20 mm.</p>	Rmt	900	202.97	182673.00
70	<p>Providing and fixing concealed center point to wall ceiling &amp; floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [C] 25 mm.</p>	Rmt	600	247.25	148350.00



71	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [D] 32mm.	Rmt	800	330.36	264288.00
72	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [E] 40mm.	Rmt	500	437.66	218830.00
73	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [F] 50mm.	Rmt	350	647.3	226555.00
74	Supplying & erecting resin bonded flap rock wool / glass wool with conductivity valve 1.67 sq.mm per watt & to with stand the temp. to 100 degree centigrade C thickness 50mm with G I pipe of following size dia "B" class as per IS:1239. The plastic sheet to be used as covering of glass wool. Al. cladding besides other materials like chicken mesh, 26 G Al. Sheet shall be used for cladding the insulation pipe.				
	(A) for 20 mm dia pipe	Mtr	30	360	10800.00
	(B) For 25 mm dia pipe	Mtr	20	440	8800.00
	(C) for 32 mm dia pipe	Mtr	20	530	10600.00
	(D) for 40 mm dia pipe	Mtr	45	620	27900.00
	(E) for 50 mm dia pipe	Mtr	5	760	3800.00
75	Providing and fixing Gun metal check or non-return fullway wheel valve.(C) 20mm dia.	Each	50	276	13800.00
76	Providing and fixing Gun metal check or non-return fullway wheel valve.(C) 25mm dia.	Each	50	457	22850.00
77	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 40mm dia.	Each	30	584	17520.00

78	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 50mm dia.	Each	15	821	12315.00
79	Providing and supplying C.I. Air valves of approved make & quality of following class and diameter including taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete. Air Valves single (S2) Type 25mm	Each	50	661	33050.00
80	Providing and fixing mosquito proof stainless steel overflow grating for tanks.(// Audco/Lehry/ R.B./ Spirex) 100mm dia.	Each	6	2000	12000.00
81	Consruction of Valves chambers in brick or bela stone masonry, locally available in C.M. 1:6 foundation concrete 150mm thick in CC 1:4:8 of trap metal size 25mm to 40mm thick, inside cement plaster in CM 1:3 and cement pointing outside in C.M. 1:3 and top cover of precast RCC slab 100mm thick with key hole in two parts, each with handles or MS Bar etc. complete as given size) Upto 1 Mt. depth from G.L. to pipe invert level incl. complete civil works but excl. cost of excavation and refilling with cast in situ RCC slab in one single piece with fixing of CI-MH Frame and cover (excl cost of CI-MH Frame and cover) with 23mm thick brick masonry wall in CM 1:6 (d) size of chamber 0.60 m x 0.60m and 1.0mt deep with precast slab in two parts 15mm with single piece 10cm with fixing MH Cover.	Each	10	5380	53800.00
82	Supply, installation, Testing and Commissioning of 15mm Nominal diameter Garden Hydrant with gun metal Ball Valve, GI pipe for Flexible hose Connection Provision and all required accessories etc.	Each	10	2000	20000.00
83	Providing erecting and fixing double coated Syntex PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	litre	10000	3.91	39100.00

84	Supplying and erecting chromium plated heavy duty brass valve for inlet pipe of water heater 15 mm dia.)	Nos	30	180	5400.00
85	Supplying and erecting 15mm brass non-return valve for inlet pipe of storage water heater.	Nos	30	230	6900.00
86	Supplying and erecting dead pressure releasing valve for storage type water heater with necessary materials.	Nos	20	380	7600.00
87	Providing & erecting fibre reinforced PVC flexible pipe with brass locking nuts & washers & clips at both ends complete erected without leakage	Nos	10	180	1800.00
	<b>INTERNAL SWR SYSTEM</b>				
88	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(C) 32mm	Rmt	500	116.4	58200.00
89	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(D) 40mm	Rmt	500	124.43	62215.00
90	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(E) 50mm	Rmt	350	165.38	57883.00
91	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(G)110 mm	Rmt	600	332.91	199746.00
92	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure polythene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(F) 75mm	Rmt	500	274.68	137340.00

93	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls.	each	60	565.43	33925.80
94	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls.	each	40	552.83	22113.20
	<b>EXTERNAL SWR SYSTEM</b>				
95	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type. (upto 10 ton)	Each	40	1279.4	51176.00
96	Providing & Supplying of Class SN8 structured wall Polythelene piping systems (Pipe with online/offline coupler and elastomeric sealing ring) with non-smooth External Annular corrugated and smooth internal surfaces (Double Wall) for non pressure underground Sewerage & Drainage application as per EN:13476-3 incuding all local and central taxes, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to the departmental stores etc. complete (ID Dia). Pipe Dia. ID 100mm	Rmt	100	208	20800.00
97	Providing & Supplying of Class SN8 structured wall Polythelene piping systems (Pipe with online/offline coupler and elastomeric sealing ring) with non-smooth External Annular corrugated and smooth internal surfaces (Double Wall) for non pressure underground Sewerage & Drainage application as per EN:13476-3 incuding all local and central taxes, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to the departmental stores etc. complete	Rmt	100	373	37300.00

	(ID Dia). Pipe Dia. ID 150mm				
98	Providing & Supplying of Class SN8 structured wall Polythelene piping systems (Pipe with online/offline coupler and elastomeric sealing ring) with non-smooth External Annular corrugated and smooth internal surfaces (Double Wall) for non pressure underground Sewerage & Drainage application as per EN:13476-3 incuding all local and central taxes, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to the departmental stores etc. complete (ID Dia). Pipe Dia. ID 200mm	Rmt	100	738	73800.00
99	Providing & Supplying of Class SN8 structured wall Polythelene piping systems (Pipe with online/offline coupler and elastomeric sealing ring) with non-smooth External Annular corrugated and smooth internal surfaces (Double Wall) for non pressure underground Sewerage & Drainage application as per EN:13476-3 incuding all local and central taxes, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to the departmental stores etc. complete (ID Dia). Pipe Dia. ID 250mm	Rmt	100	1004	100400.00
100	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with	Each	2	10921	21841.52

	frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1-Cement: 5-Coarse sand) (1) A type depth 0.90 Metre for 150mm diameter sewer.				
101	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1-Cement: 5-Coarse sand) (2) B type depth 1.50 Metre for 150mm diameter sewer.	Each	2	19139	38278.14
102	Providing and laying Cement concrete 1:5:10 (1-Cement : 5-Fine sand :10- Graded stone aggregate 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. (166mm Ave. bed thickness)	Rmt	80	211.59	16927.20

103	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm <sup>2</sup> in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg. ) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line. (upto 10 ton)	Each	2	2903.9	5807.78
	<b>RAIN WATER</b>				
104	Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length.	Each	100	100.9	10090.00
105	Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating with frame complete.(upto 10 ton)	No.	2	1997.2	3994.44
106	Constructing brick masonry road gully chamber 1100mm x 775mm including 500mm x 450mm (C.I. horizontal grating with frame and vertical grating complete.) (upto 10 ton)	No.	2	5077.8	10155.60
107	Providing & Supplying of Class SN8 structured wall Polythelene piping systems (Pipe with online/offline coupler and elastomeric sealing ring) with non-smooth External Annular corrugated and smooth internal surfaces (Double Wall) for non pressure underground Sewerage & Drainage application as per EN:13476-3 including all local and central taxes, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to the departmental stores etc. complete (ID Dia). Pipe Dia. ID 100mm	Rmt	50	208	10400.00

108	Providing & Supplying of Class SN8 structured wall Polythelene piping systems (Pipe with online/offline coupler and elastomeric sealing ring) with non-smooth External Annular corrugated and smooth internal surfaces (Double Wall) for non pressure underground Sewerage & Drainage application as per EN:13476-3 incuding all local and central taxes, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to the departmental stores etc. complete (ID Dia). Pipe Dia. ID 150mm	Rmt	80	373	29840.00
109	Providing & Supplying of Class SN8 structured wall Polythelene piping systems (Pipe with online/offline coupler and elastomeric sealing ring) with non-smooth External Annular corrugated and smooth internal surfaces (Double Wall) for non pressure underground Sewerage & Drainage application as per EN:13476-3 incuding all local and central taxes, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to the departmental stores etc. complete (ID Dia). Pipe Dia. ID 200mm	Rmt	75	738	55350.00
110	Providing & Supplying of Class SN8 structured wall Polythelene piping systems (Pipe with online/offline coupler and elastomeric sealing ring) with non-smooth External Annular corrugated and smooth internal surfaces (Double Wall) for non pressure underground Sewerage & Drainage application as per EN:13476-3 incuding all local and central taxes, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to the departmental stores etc. complete (ID Dia). Pipe Dia. ID 250mm	Rmt	60	1004	60240.00
111	Providing and laying Cement concrete 1:5:10 (1-Cement : 5-Fine sand :10- Graded stone aggregate 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. (166mm Ave.	Rmt	100	211.59	21159.00



	bed thickness)				
	<b>TOILET FIXTURES</b>				
112	Providing and fixing <b>wash down water closet (European type, W.C. Pan)</b> with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand) (Seal and cover to be measured and paid for separately) (A) vitreous China Pattern :(i) in white colour	Each	6	1290.8	7744.80
113	Providing and fixing <b>12.5 Litres low level flushing cistern</b> with a pair, of C.I. or Mild brackets, complete with fittings such as lead valve less syphon, 15mm nominal size brass ball valve with polythene float, C.P brass handle unions and couplings for connections, with inlet, outlet and overflow pipes, 40mm dia. porcelain enamelled flush bend including cutting holes in walls and making good the same connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately)(A) Vitreous China (I) In white colour	Each	6	2321.2	13927.26
114	Providing and fixing <b>plastic seat and cover</b> for wash down water closer with C.P. brass hinges and rubber buffers. (B) Black plastic seal and cover.	Each	6	288.45	1730.70
115	Providing and fixing <b>washbasin</b> with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour.	Each	20	1400.2	28003.60
	Providing and fixing Kitchen sink with C.I. or M.S. brackets, painted white including cutting holes in walls and making good the same but excluding fittings. (C) Vitreous China Sink.(i) 600mm x 450mm x 150mm size	Each	20	2257.7	45153.80
116	Providing and fixing <b>C.P. brass</b> waste for washbasin or sink. (B) 40mm dia.	Each	60	88.94	5336.40
117	Providing and fixing <b>M.I. fisher union</b>	Each	90	87.77	7899.30

	for washbasin or sink. (B) 40mm dia.				
118	Providing and fixing <b>100mm sand cast iron grating</b> for gully, floor or Nahni trap.	Each	100	36.61	3661.00
119	Providing and fixing 600mm x 450mm bevelled edge <b>mirror</b> of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers.	Each	10	825.48	8254.80
120	Providing and fixing 600mm x 120mm <b>glass shelf</b> with C.P. brass bracket and guard rail complete mixed to wooden plug with C.P. brass screws.	Each	10	561.03	5610.30
121	Providing and fixing <b>toilet paper holder</b> .(A) C.P. Brass	Each	10	414.53	4145.30
122	Providing and fixing <b>screw down bib taps</b> of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	Each	90	184.98	16648.20
123	Providing and fixing <b>pillar tap</b> , capstan head, screw down high pressure with screws, shanks and back nuts. (i) 15mm dia.	Each	90	305.67	27510.30
124	Providing and fixing chromium plated brass half trun <b>flush cock</b> of approved quality including fixing in pipe line etc. complete.(i) 20mm dia.	Each	20	252.26	5045.20
125	Providing and fixing chromium plated brass half trun <b>flush cock</b> of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.	Each	20	261.16	5223.20
126	Providing and fixing <b>Urinal</b> or approved quality including connecting the Urinal with waste pipe , tap etc. complete.(A) White earthenware flat back or corner type size 430mm x 260mm x 350mm.	Each	9	1026	9234.09
127	Providing and fixing <b>Rubber plug</b> for sink or wash basin.	Each	95	16.98	1613.10
128	Providing and fixing chromium plated, <b>bottle trap</b> with necessary couplings of approved quality for wash basin.	Each	11	292.87	3221.57
129	Providing and fixing <b>ball cock</b> of approved. quality as directed.(A) Copper Metal (ii) 50mm dia.	Each	25	187.96	4699.00
130	<b>Providing and fixing Angle Cock</b> with screw, back nuts all necessary fittings etc. Completed (Cera-CM108/ Parryware-T9939A1 /	Each	25	476	11900.00

	Hindware-F100043)				
131	Providing and fixing water closet squatting Pan (Indian type W.C. Pan) size 580mm (Earthwork, bed concrete, foot rest and trap to be measured and paid for separately) (A) Vitreous China. (1) Long pattern = White colour	Each	10	926.1	9261.00
132	Providing and fixing 12mm dia. Health faucet with 8 mm dia of JAQUAR / HINDWARE/ CERA or approved make selected by Architect with flexible pipe of 1mt. length and holding stands complete. Model Equivalent to Jaquar-CAT - ALD-577.	Each	10	1200	12000.00
	<b>UG SUMP</b>				
133	S.I.T.C. of single phase submersible pump set suitable for 100 mm size or more dia bore well having motor capacity and discharge as under with necessary panel box. Lifting and Lowering taken extra.				
	(c) Motor rating 2 HP (17 stage) pump having capacity of 106 LPM at 40 mtr head suitable for 32 mm dia. delivery pipe CAT-II	Ea.	2	18204	36408.00
134	Providing and erecting ISI marked PVC insulated PVC Sheathed Flat flexible Submersible copper cable approved make of following Size. (C) 3 Core x 4 Sq. mm	Mtr	50	145	7250.00
135	Supplying & erecting ISI Marked (Embossed) following size of "C" Class G.I . Pipe & erecting as directed by Engineer-in-charge with necessary plumbing as desired. (C) 40 mm dia	Mtr	50	210	10500.00
136	Supplying and erecting with leak proof materials, M.S. Heavy duty ISI marked coupling having threads of 8 TPI/11 TPI suitable for 'C' class pipe to take load of pump and pipe assembly of following size and TPI :- (A) 40mm( 1.5") dia. pipe 8 TPI	Ea.	4	71	284.00
137	Supplying & erecting G.I. bend for pipe connections suitable for (C) 40 mm (1.5")	Ea.	2	94	188.00
138	Supplying & erecting ISI Marked G.I. Elbow for pipe connections suitable for (C) 40 mm (1.5")	Ea.	2	89	178.00

139	Supplying and erecting Direct On-line Electronics Starter with 2-5/4-10/8-14/10-16 Amp. Rating relay (variable current setting) directly operated in totally insulated elegant enclosure and 18 Amp. Rating power relay with start - stop button for single phase operation up to 3 HP as per complete erected on P.W. Block with following features. Low voltage cut off below 140 V High voltage cut off above 280 V Overload protection Indicating LEDs for motor on lv, hv & overload tripping. [Cat.II]	Ea.	2	1588	3176.00
140	Supplying & erecting approved make Automatic liquid level controller 6A. with sensor testing as per instruction of Engineer in charge on site complete with wiring connection with existing wires , with copper conductor from pump to upper and lower tank.	Ea.	1	2332	2332.00
	<b>ELECTRICAL</b>				
	<b>POINT WIRING</b>				
141	Point wiring for Light / Bell with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in/ on surface on wall/ceiling complete with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic box, single mounting base frame covered with textured/metallic front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed. (a) with medium class Rigid PVC pipe and accessories CAT III	Pt	110	445	48950.00
142	Point wiring for secondary light point with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / flushed on wall/ceiling, complete with earth continuity and necessary connection with primary light with	Pt	60	131	7860.00

	accessories erected on Metal / PVC box covered with 3 mm thick PC(Polycarbonet) / Acrylic sheet for open / concealed wiring. with necessary Lamp holder / ceiling rose / H.D.Connector as directed. (a) with medium class Rigid PVC pipe and accessories				
143	Point wiring for Two Way Controlled Light Point with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (green) both are of .ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / flushed on wall/ceiling ,complete with 6A Modular type switches and following type of accessories erected on PVC / Metallic box, single mounting base frame covered with textured / metallic 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 CATIII	Pt	10	562	5620.00
144	Point wiring for FAN with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (Green) both are of .ISI marked 1.1 KV Grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / flushed on wall/ceiling complete 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 box, single mounting base frame covered with textured/metallic front plate modules erected on / in wall / ceiling as per pipe erected. with necessary ceiling rose / H.D.Connector as directed. (a) with medium class Rigid PVC pipe and accessories.CAT III	Nos	15	632	9480.00
145	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	Ea	10	676	6760.00

	V DC,2.1 A with inbuilt surge protection. Cat-III				
146	Point wiring for Looped Plug with 6A Modular type switch & 5 pin socket erected on PVC / Metallic box, single mounting base frame covered with textured / metallic front plate modules erected on / in wall / ceiling with following type accessories. CAT III	Nos	280	255	71400.00
147	Point wiring for Individual Plug with & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of to be erected concealed in / on surface of wall / ceiling complete with Modular type switch & 5 pin Plug erected on PVC / Metallic 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 CAT III	Pt	280	471	131880.00
148	Point wiring for Individual Plug with & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of to be erected concealed in / on surface of wall / ceiling complete with Modular type switch & 5 pin Plug erected on PVC / Metallic box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories.[III] For 16A Plug with 2-2.5 sq.mm Cu. Wire [II] For 16A Plug and 16 amp switch with 2-2.5 sq.mm Cu. Wire from mcb db board..CAT-III	Pt	45	704	31680.00
149	Providing & erecting Switch board for Computer or electric apparatus consisting of following items in single board erected on PVC / Metal board with 3 mm thick PC (Polycarbonate) / Acrylic sheet erected as directed for [B] modular type accessories 1 no. 6A/16A universal plug-switch	Ea	10	1122	11220.00

	combined. CATIII 3 nos. 6A Switch 3 nos. 6A 5 pin Plug				
	<b>MAINS WIRING AND CONDUIT</b>				
150	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	3000	62	186000.00
151	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	1200	82	98400.00
152	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	Mtr	800	111	88800.00
	<b>FANS &amp; EXHAUST FAN ACCESSORIES</b>				
153	Supplying and erecting approved make double ball bearing oscillating type Heavy duty bracket fan with Aluminium Blades A.C. 230V. 50cy/s wall mounted with height adjustment and rotary tilting device complete with guard, wall bracket, mounting accessories as directed.				
	(C) 750mm	Nos	15	8241	123615.00

154	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")	Nos	15	2857	42855.00
155	Providing 2.5mm.thick laminated acrylic sheet to cover the fan hook or Fan box.	Nos	15	18	270.00
156	Supplying and erecting 19 / 20 mm. nominal bore Medium Class M.S. Pipe down rod erected duly painted for fan complete with necessary 24/ 0.20, 3 core flexible wire with earthing.	Mtr	15	107	1605.00
157	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.	Nos	15	107	1605.00
158	Supplying & erecting approved make low noise decorative exhaust fan having square frame ABS body with inbuilt lowers & square frame.. 200mm with 1350RPM Cat.II	Nos	18	1687	30366.00
	<b>LIGHTING FIXTURES :</b>				



159	Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/ aluminium die cast powder coated and high U.V. & corrosion resistance with diffuser with company mark/name 160V to 270V, Power Factor more than 0.95, THD < 15%, CCT 3000 K to 6500K, Luminaire efficacy> 85 lumens/watt ,LED LED driver efficiency > 85 % ( fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.). (A) Tube Light with integral driver. (iv) 22-24 Watts, Surge - 2KV,IP-20, conventional 4 feet. Cat-III	EA	50	370	18500.00
	(i) 5-10 Watts, Surge-2 KV, IP-20, conventional 1 to 2 feet	EA	15	164	2460.00
160	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 0.95, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy> 85 lumens/watt , LED driver efficiency > 85 % ( fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.). (ii) 11-15 watts, Surge-2 KV. Cat-III	Ea.	5	423	2115.00

161	Supplying and erecting led lamps with following wattage capacity of 220 to 240 voltage, minimum 15000 burning hours life, 500 V in built-surge protection, Polycarbonate diffuser, mounting suitable for E14 / E27 / B22 lamp holders, pf >= 0.5. (A) LED Lamps integral type, with PC diffuser suitable LAMP holder.	Ea.	5	187	935.00
	(A) Square/ Circular shaped Surface/Recessed Mount Downlight with provision for spring loaded mounting clips complete. IP20 (iii) 10 to 15 watts. Cat-III				
162	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 0.95, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/watt, LED driver efficiency > 85 % ( fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings. The Engineer incharge may select any wattage capacity between the ranges shown.)				
	(A) Square/ Circular shaped Surface/Recessed Mount Downlight with provision for spring loaded mounting clips complete. IP20				
	(F) Spot Light 425 Lumens, Surge-2KV			0	
	(ii) 8 to 11 Watts	Ea.	20	1354	27080.00
	(H) Mirror Light 9 Watts, wall mounted minimum 1 feet long	Ea.	10	309	3090.00
163	(a) LED Bollard fittings of minimum height 400 mm & dia. 100mm having polycarbonate clear/milky diffuser mounted on 3mm thick aluminium finished powder coated pipe with base plate 160x160mm with erection by	Ea.	12	2058	24696.00

	M8x75mm fastner with required RCC foundation.IP65 for 9 to 20 watt ,surge-4kv cat-III				
164	Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 3 Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminum housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses, with toughened glass with company mark/name engraved or embossed 160 to 270 V,Power Factor more than 0.95, THD < 10 %, CCT 3000 K to 5700K,Uniformity ratio >0.45, Luminaire efficacy> 100 lumens/watt . LED driver efficiency > 85 %.( fittings required LM-79 & LM-80 certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.). (B) Flood Light (IP-65), Surge protection -4KV integral and ,Light must have 440VAC line supply with over-voltage protection. (iv) above 90 to 120 watts. Cat-III	Ea.	25	7195	179875.00
	<b>DISTRIBUTION BOXES</b>				
165	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, confirming to IS 13032 and BS 5486-1986 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) (F) <b>Single phase 8 way</b> SS Double door	Each	16	1141	18256.00
166	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	Each	5	1478	7390.00

	incoming and horizontal single phase outgoing. (iv) <b>Single phase 12 way SS Double door</b>				
167	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, confirming to IS 13032 and BS 5486-1986 without MCB to house appropriate nos. of MCBs N) <b>Three phase 6 way SS Double door for horizontal single phase outgoing</b>	Ea	5	2885	14425.00
168	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, confirming to IS 13032 and BS 5486-1986 without MCB to house appropriate nos. of MCBs N) <b>Three phase 8 way SS Double door for horizontal single phase outgoing</b>	Ea	5	3379	16895.00
169	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, confirming to IS 13032 and BS 5486-1986 without MCB to house appropriate nos. of MCBs N) <b>Three phase 16 way SS Double door for horizontal single phase outgoing</b>	Ea	2	4620	9240.00
	<b>MINIATURE CIRCUIT BREAKER</b>				
170	providing and erecting Miniature circuit breaker <b>single pole 6A to 25A</b> 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	250	111	27750.00
171	Providing & erecting 240 V <b>MCB double pole switch</b> for lighting Load <b>(B Curve)</b> having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity (B) 40 Amp. Cat.III	Ea	15	293	4395.00
172	Providing & erecting 240 V <b>MCB double pole switch</b> for motor & inductive load <b>(C Curve)</b> having 10 KA breaking capacity & confirms to IS : 8828 in	Ea	25	297	7425.00

	existing box having following capacity (A) 6 to 32 Amp.				
173	Providing & erecting 240 V <b>MCB double pole switch</b> for motor & inductive load ( <b>C Curve</b> ) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity (B) 40 Amp.	Ea	10	327	3270.00
174	Providing & erecting 415 V <b>MCB Four Pole</b> for Motor & Inductive Load ( <b>C Curve</b> ) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity (a) 6 to 32 Amp. Cat.III	Ea	10	590	5900.00
175	Providing & erecting 415 V <b>MCB Four Pole</b> for Motor & Inductive Load ( <b>C Curve</b> ) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity (b)40 Amp. Cat.III	Ea	10	662	6620.00
176	Providing & erecting 415V <b>MCB Four Pole Switch for Lighting Load (B curve)</b> having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity (b)40 Amp. Cat.III	Ea	10	632	6320.00
177	Providing & erecting 415 V <b>MCB Four Pole for Motor &amp; Inductive Load (C Curve)</b> having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity C) <b>63 Amp. CAT-III</b>	Ea	5	730	3650.00
	<b>ELCB</b>				
178	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	45	1950	87750.00

179	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	25	2213	55325.00
180	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	5	2628	13140.00
	<b>LT CABLES</b>				
181	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	100	282	28200.00
182	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 ( 16 Sq. mm 1/2 core)	Mtr	400	218	87200.00
183	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) 3 1/2 core 25 Sq. mm ( 16 Sq. mm 1/2 core)	Mtr	400	182	72800.00
184	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	Mtr	200	152	30400.00

	clamps or in existing trench / pipe of following size of cables. A)4 core 16 Sq. mm				
185	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. (B) 4 core 4 Sq. mm	Mtr	100	359	35900.00
186	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. mm	Mtr	700	670	469000.00
187	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	MTR	400	505	202000.00
	<b>CABLE GLAND</b>				
188	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.(F) 3 & 1/2 core 150 Sq. mm	EA	20	189	3780.00
189	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	20	75	1500.00
190	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. E) 2 to 4 core 25 Sq. mm	EA	20	51	1020.00

191	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	10	47	470.00
192	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	150	38	5700.00
193	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	20	38	760.00
	<b>CABLE LUG</b>				
194	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. (H) 150 Sq.mm. .	Ea	14	61	854.00
195	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	30	20	600.00
196	Solderless crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (C) 16/25 Sq.mm.	Ea	40	15	600.00
197	Solderless crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. B)10 Sq. mm	Ea	80	13	1040.00



198	Solder less crimping type Copper lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (A) 1.5/2.5 to 6 Sq.mm	Ea	1000	8	8000.00
	<b>EARTHING</b>				
199	Providing and erecting Annealed bare Copper wire 8 to 16 SWG.	KG	25	787	19675.00
200	Providing and erecting HOT deep Galvanised iron strip wire 8 to 16 SWG.	KG	100	77	7700.00
201	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	200	77	15400.00
202	Providing and erecting required size Copper strip for earthing of H.T. OCB / ACB/ Transformer, LT panel board, Motors etc. using copper clamp.	KG	30	787	23610.00
203	Supplying & erecting in earthpit of minimum bore dia. 225mm size approved make Safe 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 80 mm having 80-200 Micron galvanising, Inner pipe dia of 40 mm having 200-250 Micron galvanising, connection terminal dia of 14 mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover.(approved make OEM has to submit test certificate including value of earth resistance of installation.				
	[B] For Electrical installation up to 11 KV located in other than normal soil i.e. Soft Rock, Marshy Soil etc. -Length of Pipe : 2 mtr -Back filling Compound :1 no. Bag of 25 Kg.	Ea	5	7025	35125.00
	(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.	Ea	5	10489	52445.00

	Length of Pipe : 3.00 mtrs Back filling Compound :2 nos Bags of 25 Kg.				
204	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).	Ea	25	5933	148325.00
	<b>CONDUIT</b>				
205	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.	1500	32	48000.00
206	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 (c) 32 mm	Mtr.	70	54	3780.00
	<b>PANELS</b>				
207	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 accesories , supporting angles/ flats channel including cutting, bending, drilling, welding, riveting with internal partitions & cable alley as per	Sq.Mtr	7	19196	134372.00

	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. (B) The standard companies switch gear shall be used and only manufacturers at CPRI approved factory. (ii) With 550 mm. Depth				
208	Providing , erecting , fabricating the M.S. structure as per requirement on site incorporating proper size of M.S. angles, square, round, flats, bars, channels, sections complete with cutting, welding, grinding & finishing duly painted with one coat of red oxide with erection on site as per direction of engineer in charge with necessary grouting, cementing, plastering & finishing complete.	kG	300	77	23100.00
209	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. (C) Suitable for 300 Amp. Capacity	Rn.Mtr	10	1455	14550.00

	(A) Suitable for 100 Amp. Capacity	Rn.Mtr	10	654	6540.00
210	Providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 35 KA. and above at 415 V . having normal current rating 250A. 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	Ea	1	20739	20739.00
211	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	Ea	1	6112	6112.00
212	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 125A. 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	Ea	1	7976	7976.00
213	Supplying and erecting led lamps with following wattage capacity of 220 to 240 voltage, minimum 15000 burning hours life, 500 V in built-surge protection, Polycarbonate diffuser, mounting suitable for E14 / E27 / B22 lamp holders, pf >= 0.5				
	(A) LED Lamps integral type, with PC diffuser suitable LAMP holder	Ea	6	111	666.00
	(ii) 5 to 8 watts				
	Cat-III				
214	Supplying & erecting following spare parts for panel mounting Switch Disconnecter Fuse Units				
	Operational Handle Assembly Complete for				

	(i) 32 / 63 / 125 Amps	Ea.	2	416	832.00
	(ii) 200 / 250 / 320 / 400 / 630 / 800 Amps	Ea.	2	747	1494.00
215	Cable Terminal ( 'Plain" Type)Set of Four for				
	(i) 32 / 63 Amps	Ea.	6	383	2298.00
	(ii) 125 / 200 Amps	Ea.	6	806	4836.00
216	Supplying & erecting power contactor ,AC3 duty for time switch complete erected as per direction Cat III				
	(D) 4 pole 440V 40 Amp.	Ea	2	2755	5510.00
217	Supplying & erecting approved make Digital time switch having lithium cell 6 years operative and operate battery backup 1 channel day clock with 14 memory programme, suitable to operate on 240V + 5%, 16A with, floating contacts Minimum switching setup time 1 minimum & LCD display. Also comprised permanent ON/OFF switching. Programming switches & housed in fire proof thermoplastic enclosure & transparent cover erected as required with necessary connection erected as directed.	Ea.	2	3137	6274.00
218	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..				
	(1) 15 A -100 A , CT Ratio 1/100	Ea.	1	4641	4641.00
	(2) 125 A -200 A , CT Ratio 1/200	Ea.	1	4934	4934.00
219	Providing & erecting Medium Voltage Danger Notice Board sticker as per language suggested by engineer incharge of standard size as per IS-2551	Ea.	2	26	52.00
220	providing and erecting Mains with ISI marked, 1.5KV grade electrolyte multi stranded, annealed copper conductor with heat resistant PVC insulated conforms to IS 694, IEC - 227 erected in existing pipe of following size (Specifically for control panel, relays, power switchgears, motor starters & control wiring) with required size of				

	copper lugs, nuts and bolts if required.				
	(b) One wire 1.50 sq. mm	Mtr.	25	17	425.00
	(c) One wire 2.50 sq. mm	Mtr.	25	27	675.00
221	providng and erecting Suitable set of CTS for 100A Energy Meter	Ea.	1	2085	2085.00
222	Supplying and erecting approved make suitable panel indicator LED type lamp, lens cover, complete erected with necessary connections.	Ea.	3	43	129.00
MR	TOGGLE SWITCH	Ea.	3	115	345.00
MR	THERMOSTATE HEATER	Ea.	3	100	300.00
223	Providing and erecting multifunctional meter suitable for application of Power monitoring and showing measurement of following Voltage, Frequency, Apparent energy, Apparent power, Active and reactive energy, Active and reactive power, Average voltage Vavg, Peak demand power PM, QM, SM, Demand power P, Q, S, Apparent power S, S1, S2, S3, Unbalance current, Power factor and displacement PF (signed, four quadrant), Calculated neutral current, Active, reactive, apparent energy (signed, four quadrant), Active power P, P1, P2, P3, Voltage U21, U32, U13, V1, V2, V3, Phase currents, Average current Iag, Peak demand currents, Reactive power Q, Q1, Q2, Q3, Demand current I1, I2, I3, [Us] rated supply voltage 40...300 V AC 45...65 Hz, 40...300 V DC, Network frequency 50 Hz, Type of network 3P, Display type 7 segments LED, Display colour Red, Messages display capacity 3 fields of 4 characters, Display digits 12 digit(s) - 14.2 mm in height	Ea.	1	13984	13984.00
224	Supplying rubber matting of following thickness as per IS:15652/IEC 61111				
	(c)12mm	S.Mtr	10	3051	30510.00
	<b>STREET LIGHT AND EXTERNAL</b>				

225	<p>Street Light Pole</p> <p>Supply of approved make GRP / FRP Pole having following specifications: GRP Light Pole made by CNC filament winding machine using thermoset resin polyester/epoxy resin system) having minimum 62% glass content. The pole should be in one piece and tapered round in shape, having smooth finish and should be totally free from corrosion as well as non conductive &amp; shock proof Pole should be provided with FRP Anchor Base and it should be heavy duty, or MS Material duly painted with Epoxy paint. Pole should be flame retardant as per IS 6746. Resin used shall be UV resistance and pigmented. A highly weather resistant polyurethane coating shall be applied to the pole after applying suitable primer system that ensures proper adhesion of the paint. Minimum coating thickness shall be 80 to 100 micron. Deflection of the pole shall not exceed more than 10% of the length of pole for the given load“? Pole should be generally made as per the dimensional data, performance criteria and some interchangeability features of poles as per standard ANSI C 136.20 latest version or ASTM D 4923/01 . The size of pole and type of installation are as below</p>				
	<p>Supply of approved make FRP Pole having following specifications: FRP Light Pole made by CNC filament winding machine using thermoset resin polyester/epoxy resin system) having minimum 62% glass content. The pole should be in one piece and tapered round in shape, having smooth finish and should be totally free from corrosion as well as non conductive &amp; shock proof Pole should be provided with FRP Anchor Base and it should be heavy duty, or MS Material duly painted with Epoxy paint.</p>				
226	<p>Pole should be flame retardant as per IS 6746. Resin used shall be UV resistance and pigmented. A highly weather resistant polyurethane coating shall be</p>				

	applied to the pole after applying suitable primer system that ensures proper adhesion of the paint. Minimum coating thickness shall be 80 to 100 micron. Deflection of the pole shall not exceed more than 10% of the length of pole for the given load“ Pole should be generally made as per the dimensional data, performance criteria and some interchangeability features of poles as per standard ANSI C 136.20 latest version or ASTM D 4923/01 including cable termination box with necessary accessories . The size of pole and type of installation with foundation as per manufacturer details and site requirement are as below .				
	(1) Suitable for base plate mounting single arm Bracket.				
	[H] Overall length of 6 Mtr. Average Thickness: 7.5mm Top/ Bottom OD Dia A/F 89mm ± 2mm approx. approx. Weight of Pole 32 kg approx. (Without Base) Anchor Base (Size 300X300 & 18mm Th.)	Ea.	30	13920	417600.00
	(2) Suitable for base plate mounting Double arm Bracket.				
	[C] Overall length of 6 Mtr. Average Thickness: 8mm. Top/ Bottom OD Dia A/F 114/174 mm ± 2mm approx. approx. Weight of Pole 38 kg approx. (Without Base) Anchor Base (Size 300X300 & 18mm th.)	Ea.	5	14747	73735.00
227	Providing 1:2:4 cement concrete foundation & 70 % PCC from bottom including excavation for the pole of size 45 x 45 x 100 cm. Deep in below ground level with plinth of 45 cm x 45 cm (or 45 cm dia x 45 cm) high upper ground level with necessary curing and finishing in approved manner. ( for 4 & 6 mtr pole)	Ea.	35	801	28035.00
228	Providing cement concrete.for foundation or for concrete filling in 1:2:4 ratio with 20 to 25 mm stone metal duly plastered with necessary curing for pole muffing or any other purpose.	Cu.Mtr	20	5077	101540.00
229	Providing FRP/GRP arm bracket of having 15° arm with 50 mm OD pipe *5				



	mm thk,1000mm long from pole centre				
	(A) Single arm bracket	Ea.	30	1882	56460.00
	(B) Double arm bracket	Ea.	5	2390	11950.00
230	Supplying & erecting approved make IP 55 grade Company fabricated Timer Panel of following capacity for switch On-Off street lights on time scheduling basis made from 16G CRCA sheet duly epoxy power painted inside and outside with hinged doors and locking arrangement consisting of suitable size of 4 Pole MCB and 4 pole contactor (cat-III)with analog time switch, auto manual switch of same make and suitable input and output Bakelite terminals and with door earthing approved by Engineer in charge.				
	(C) 63 Amp	Ea	2	16891	33782.00
231	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.	1500	62	93000.00
	(B)63mm outer dia	Mtr.	500	73	36500.00
232	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.	200	340	68000.00
233	Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 3 Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminum housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses, with toughened glass with company mark/name engraved or embossed 160 to 270 V,Power Factor	Each	40	5917	236680.00

	more than 0.95, THD < 10 %, CCT 3000 K to 5700K, Uniformity ratio >0.45, Luminaire efficacy> 100 lumens/watt . LED driver efficiency > 85 %.( fittings required LM-79 & LM-80 certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.). (A) Street Light (IP-65), Surge protection -4KV integral and ,Light must have 440VAC line supply with over-voltage protection. (iii) Above 60 to 90 watts				
234	Supplying and erecting Flexible PVC insulated multi strand multi core 1.1 kv grade ISI marked copper wires of following size to be erected as directed.				
	(h) 2.50 Sq.mm 3 core round PVC sheathed	Mtr	1000	77	77000.00
	<b>FOOD COMPOSITOR MACHINE CONSIDER 500 KG/HR. CAPACITY SEMI AUTOMATIC</b>				
235	Providing and erecting Approved make Four pole microprocessor base 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. - (The Enclosures should be used of same company of MCCBs to be used) - ICS=100% of ICU only Cat III	Ea.	1	6112	6112.00
	<b>LIASONING WORK</b>				
Previous Tender Rate	FOR OBTAINING NOC  Power Liasoning Charges for obtaining N.O.C from Electrical Inspector Statutory authority for Power/Ele. Installation. Liasoning Charges shall include preparing required attested documents & drawing for obtaining NOC/Test Report on behalf of client.	Job	1	20000	20000.00

236	<p>Supplying, installation, testing and commissioning of Electric driven Main Fire Pump suitable for automatic operation and consisting of following, complete in all respects, as required : (a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body &amp; bronze impeller with stainless steel shaft, mechanical seal conforming to IS 1520. (b) Suitable HP Squirrel cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415 volts, 3 phase 50 Hz, AC supply with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325. © M.S. fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (D) Suitable cement concrete foundation duly plastered with anti vibration pads.</p> <p><b>(Note: *The head of the pump is selected in a manner so as to give a minimum 3.5kgf/cm<sup>2</sup> pressure at the highest/farthest point.)1600 LPM at 60 Meter Head.</b></p>	Set	1	401,738	401738.00
237	<p>Supplying, installation, testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following, complete in all respects, as required : (Diesel Driven Pump). Horizontal type, multistage, centrifugal pump of cast of iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS 1520. Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant IS standard complete with auto starting mechanism, 12 /24 volts electric starting equipment, diesel tank, exhaust pipe extended upto 10 m outside pump house duly insulated with 50 mm thick glass wool with 1.0 mm thick aluminium sheet cladding, residential silencer, instruments and protection as per standard specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc. as required. M.S fabricated, common base plate, coupling, coupling</p>	Set	1	634,141	634141.00

	guard, foundation bolts etc. as required. Suitable cement concrete foundation duly plastered and with anti vibration pads. <b>(Note: *The head of the pump is selected in a manner so as to give a minimum 3.5kgf/cm<sup>2</sup> pressure at the highest/farthest point.) 1600 LPM at 60 Meter Head.</b>				
238.0	Supplying, installation, testing and commissioning of electric driven pressurisation pump suitable for automatic operation and consisting of following, complete in all respects, as required : (Jockey Pump). Horizontal type, multistage, centrifugal pump of cast iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS : 1520. Suitable HP squirell cage induction motor TEFC type suitable for operation on 415 volts, 3 phase 50 Hz AC supply with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS : 325. M.S.fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. Suitable cement concrete foundation duly plastered and with anti vibration pads. <b>(Note: *The head of the pump is selected in a manner so as to give a minimum 3.5kgf/cm<sup>2</sup> pressure at the highest/farthest point.)180 lpm at 60 m Head</b>	Set	1	126,235	126235.00
239.0	Providing & Fixing of fire extinguishers with necessary accessories, stand, trolley, etc., ISI Marked portable fire extinguisher, 4.5 kg CO <sub>2</sub> type fire extinguishers complete in all respect including initial fill and wall suspension brackets & shall conform to IS 2878	Each	12	5,000	60000.00

240.0	Providing & Fixing of fire extinguishers with necessary accessories, stand, trolley, etc., ISI marked Fire Extinguisher, Dry Chemical powder type capacity 6 kgs conforming to IS : 2171 including first fill & wall suspension bracket.	Each	12	3,000	36000.00
241.0	Supplying and fixing single headed <b>internal hydrant valve</b> with instantaneous Gunmetal/Stainless Steel coupling of 63 mm dia with cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gunmetal/Stainless Steel cap and chain as required :Single headed Stainless steel	Set	4	5,987	23948.00
242.0	Supplying & fixing 63 mm dia gun metal <b>short branch pipe</b> with 20 mm nominal internal diameter size nozzle conforming to IS 903 suitable for instantaneous connection to interconnect hose pipe coupling as required :Stainless Steel (Grade 304)	Nos	8	1,648	13184.00
243.0	Supplying and fixing <b>first-aid Hose Reel</b> with MS construction spray painted in post office red, conforming to IS 884 complete with the following as required. 20 mm nominal internal dia water hose thermoplastic (Textile reinforced) type - 2 as per IS: 12585. 20 mm nominal internal dia gun metal globe valve & nozzle. Drum and brackets for fixing the equipments on wall. Connections from riser with 25 mm dia stop gun metal valve & M.S. Pipe and socket.40 m	Set	8	10,092	80736.00
244.0	Providing and fixing of Non-percolating flexible hose (RRL type-'A' with EPDM Lined) ISI marked (IS:636) 63 mm dia x 15 M long x 2 nos., complete with instantaneous type stainless steel 63 mm dia. IS marked SS Male and Female couplings (IS:903) bound and rivetted to hose pipe with 1.5 mm copper wire.	Set	8	4,434	35472.00
245.0	Providing and fixing fire hose cabinet to house fire hydrant & hose, including all other related accerrories fabricated from M.S. sheet (16 Gauge) of fully welded construction having front door with locking	Set	8	5,367	42936.00

	arrangement, partially glazed with 4 mm thick glass. Cabinet shall be powder coated & painted with post office red colour of size to house 15 mtr.x 2 No. hoses & 1 no. branch pipe. 'Fire Hose box, Size:- 750 x 600 x 250 mm Depth Complete with Fabrication Stand and mounting accessories.				
246.0	Supplying and fixing Single headed <b>external yard hydrant valve</b> with 1 No. 63 mm dia instantaneous FM Gunmetal/Stainless Steel coupling and cast iron wheel, ISI marked, conforming to IS 5290 (type A) with blank Gunmetal/Stainless Steel cap and chain as required :Single headed Stainless steel	Set	4	5,987	23948.00
247.0	Supplying and fixing of <b>fire brigade connection</b> of cast iron body with gun metal male instantaneous inlet couplings complete with cap and chain as reqd. for suitable dia MS pipe connection conforming to IS 904 as required :				
	2 way-100 mm dia M.S. Pipe	Set	1	6,590	6590.00
	4 way - 150 mm dia M.S. Pipe	Set	1	13,822	13822.00
248.0	Providing laying, testing & commissioning of 'C' class heavy duty MS Pipe conforming to IS 1239/3589 i/c fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. in ground including welding, excavation & providing cement concrete blocks as supports, anticorrosive treatment with coaltar/asphalt tape as per IS 10221, refilling the trench etc. of following sizes complete as required.				
	200 mm. dia (wall thickness = 6.3 mm)	M	10	3,169	31690.00
	150 mm. Dia	M	200	2,376	475200.00
249.0	Providing, laying, testing & commissioning of 'C' class heavy duty <b>MS pipe</b> conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required :				

	25 mm dia	M	750	471	353250.00
	32 mm dia	M	90	527	47430.00
	40 mm dia	M	60	651	39060.00
	50 mm dia	M	90	787	70830.00
	65 mm dia	M	75	1,004	75300.00
	80 mm dia	M	60	1,122	67320.00
	100 mm dia	M	45	1,499	67455.00
250.0	Supplying, fixing, testing and commissioning of <b>butterfly valve</b> of PN 1.6 rating with bronze/gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required :				
	65 mm dia	Set	6	4,000	24000.00
	80mm dia	Set	8	4,842	38736.00
	150 mm dia	Set	6	8,699	52194.00
251.0	Supplying and fixing <b>orifice plate</b> made out of 6 mm thick stainless steel (Grade 304) with orifice of required size to be fitted between flange & landing valve of external and internal hydrants to reduce pressure at the outlet to the level of 3.5 kg/cm <sup>2</sup> complete as required.	Each	4	1,291	5164.00
252.0	Providing, installation, testing and commissioning of <b>non-return valve</b> of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc.as required :				
	65mm dia	Set	1	7,539	7539.00
	150mm dia	Set	3	17,577	52731.00
253.0	Providing, installation, testing and commissioning of stainless steel <b>Y-strainer</b> fabricated out of 1.6 mm thick stainless steel, Grade 304, sheet with 3 mm dia holes with stainless steel flange.				
	65mm dia	Each	1	4,573	4573.00
	150mm dia	Each	2	10,659	21318.00
254.0	Supply, installation, testing & commissioning of Expansion Bellow.				
	150mm dia	Each	2	2,400	4800.00
	65mm dia	Each	1	1,800	1800.00
255.0	Providing & fixing of <b>pressure switch</b> in M.S. pipe line including connection etc. as required.	Each	3	1,508	4524.00
256.0	Providing, fixing, testing & commissioning of 15mm dia quartzoid	Each	180	700	126000.00

	bulb type sprinklers of rating 68 degree centigrade with required accessories : Pendent Sprinkler				
257.0	Providing & fixing flow switch in following sizes M.S. pipe including connection etc as required.				
b	100mm dia	Each	3	6,500	19500.00
258.0	Charges for Liasoning with CFO and getting all approvals and permissions & NOC 's required for fire fighting at various stages & after completion of the project. (All official and receipted payments would be submitted and Re-imbursed) Taking approval /NOC form CFO	Job	1	50,000	50000.00
					<b>3,22,34,421.36</b>

**Signature of contractor**

**Seal**

**Additional City Engineer (NORTH ZONE)**

**Ahmedabad Municipal Corporation**



AHMEDABAD MUNICIPAL CORPORATION

**MAHANAGAR SEVA SADAN - NORTH ZONE**

**Name of Projects :- Construction of Vegetable Market at T.P.No-123/C (Naroda) F.P.No.- 39 in Thakkarbapanagar Ward of North Zone of AMC (Reinvite)**

### **FINANCIAL BID ( To Be Submitted Online Only )**

Sr. No.	Description	Amount
1	Amount For Civil+ Plumbing+ Electric + FIRE FIGHTING	Rs. 3,22,34,421.36
	Total	Rs. 3,22,34,421.36

I/We am/are willing to carry out work at \_\_\_\_ % above / below (should be written in figures and words) the estimated cost mentioned above.

**Estimated cost put to tender : RS.**

Add \_\_\_\_% above : Rs \_\_\_\_\_

Net: Rs\_\_\_\_\_

In words : Rupees \_\_\_\_\_

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**Estimated cost put to tender : RS.**

Deduct \_\_\_\_% below : Rs \_\_\_\_\_

**Net : Rs\_\_\_\_\_**

In words : Rupees\_\_\_\_\_

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**Signature of contractor**

Seal

Date \_\_\_\_\_

**Additional City Engineer (NORTH ZONE )**  
**Ahmedabad Municipal Corporation**