

BILL OF QUANTITIES

NAME OF WORK: PROPOSED CONSTRUCTION OF ZONAL OFFICE AND BRANCH OFFICE AT SATARA FOR BANK OF MAHARASHTRA

Notes: 1. Scaffolding, curing, safety net & structure etc. are all inclusive in the estimated rate of all the relevant items of the Bill of Quantities.
 2. All loading of material, manpower etc. to all the floors are inclusive in the estimated rate of all the relevant items of the Bill of Quantities.

1. CIVIL WORK ESTIMATE

Sr. No	Item Description	Qty	Unit	Rate	Amount
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. By Mechanical Means	75.65	Cu.M	215.28	16,285.93
2	Excavation for foundation in hard murum including removing the excavated material beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. By Mechanical Means	113.47	Cu.M	236.08	26,788.00
3	Excavation for foundation in Soft rock and old cement or lime masonry foundations including removing the excavated material beyond the building area and stacking as directed, including dewatering, preparing the bed for the foundation and necessary back filling with available earth /murum, ramming, watering including shoring and strutting etc. complete. By Mechanical Means	173.90	Cu.M	446.16	77,587.22
4	Excavation for foundation in Hard rock by chiselling, wedging, line drilling, etc. including trimming and levelling the bed, removing the excavated material beyond the building area stacking as directed, dewatering and back filling with available earth/ murum watering, ramming etc. complete. (Lift upto 1.5 m).	245.02	Cu.M	1359.28	3,33,050.79
5	Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete.	201.16	Cu.M	124.80	25,104.77
6	Filling in plinth and floors with contractors material brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete.	222.96	Cu.M	622.96	1,38,895.16
7	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete.	86.75	Cu.M	1437.28	1,24,684.04

Sr. No	Item Description	Qty	Unit	Rate	Amount
8	Providing preconstructional antitermite treatment as per I.S. 6313 (Part-II) by treating the bottom surface and sides of excavation at the rate of 5 litres of emulsion concentrate of 1.0 percent of chlorophyrifos per square meter of surface area covering 10 years guarantee on bond paper.	451.58	Sq.M	111.28	50,251.82
9	Providing preconstructional antitermite treatment as per I.S. 6313 (Part-II) treatment by treating the backfill in immediate contact with foundation at the rate of 5 litres of emulsion concentrate of 1.0 percent of clorophyrifos per square metre of vertical surface area covering 10 years guarantee on bond paper.	274.27	Sq.M	116.48	31,946.97
10	Providing preconstructional antitermite treatment as per I.S.6313 (Part-II) by treating the top surface of plinth filling at the rate of 5 litres of emulsion concentrate at 1.0 percent of clorophyrifos per square metre of surface area covering ten years guarantee on bond paper.	393.00	Sq.M	112.32	44,141.76
11	Providing and laying Cast in situ/Ready Mix cement concrete in M15 of trap/ granite/quartzite/gneiss metal for bed blocks, foundation blocks and such other items including bailing out water, Steel centering, formwork, laying/ pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.), with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	83.03	Cu.M	6613.36	5,49,107.28
12	Providing and laying Ready Mix cement concrete M-30 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. columns as per detailed designs and drawing or as directed including Steel centering formwork, cover blocks laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)	177.27	Cu.M	7769.84	13,77,359.54
13	Providing and laying Cast in situ/Ready Mix cement concrete M-30 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawings or as directed including centering, formwork, cover blocks compacting and roughening if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With natural sand/V.S.I. quality Artificial Sand				



Sr. No	Item Description	Qty	Unit	Rate	Amount
a	Ground Floor	41.81	Cu.M	14716.00	6,15,275.96
b	First Floor	19.47	Cu.M	14863.16	2,89,385.73
c	Second Floor	19.47	Cu.M	15010.32	2,92,250.93
d	Third floor	19.47	Cu.M	15157.48	2,95,116.14
e	Fourth floor	32.76	Cu.M	15304.64	5,01,380.01
14	Providing and laying Ready Mix cement concrete M-30 of trap / granite / quartzite/ gneiss metal for R.C.C. beams at any level and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)				
a	Ground Floor	111.28	Cu.M	13140.40	1462263.71
b	First Floor	86.02	Cu.M	13271.80	11,41,640.24
c	Second Floor	86.02	Cu.M	13403.21	11,52,944.12
d	Third floor	86.02	Cu.M	13534.61	11,64,247.15
e	Fourth floor	90.31	Cu.M	13666.02	12,34,178.27
15	Providing and laying Ready Mix cement concrete M-30 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete.(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate				
a	Ground Floor	32.08	Cu.M	14870.96	4,77,060.40
b	First Floor	29.68	Cu.M	15019.67	4,45,783.79
c	Second Floor	22.14	Cu.M	15168.38	3,35,827.92
d	Third floor	22.14	Cu.M	15317.09	3,39,120.35
e	Fourth floor	35.17	Cu.M	15465.80	5,43,932.13
16	Providing and laying Cast in situ/Ready Mix cement concrete M-30 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With natural sand/V.S.I. quality Artificial Sand				
a	Ground Floor	0.68	Cu.M	14680.64	9,982.84
b	First Floor	8.11	Cu.M	14827.45	1,20,250.59
c	Second Floor	8.11	Cu.M	14974.25	1,21,441.19
d	Third floor	8.11	Cu.M	15121.06	1,22,631.79
e	Fourth floor	8.38	Cu.M	15267.87	1,27,944.71



Sr. No	Item Description	Qty	Unit	Rate	Amount
17	Providing and laying Cast in situ/Ready Mix cement concrete in M-30 of trap/ granite/ quartzite/ gneiss metal for R.C.C. pardi of required thickness including centering, formwork, cover blocks, laying/pumping, compacting and roughening them if special finish is to be provided and curing complete.(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With natural sand/V.S.I. quality Artificial Sand				
a	Ground Floor	32.39	Cu.M	16380.00	5,30,548.20
b	First Floor	29.35	Cu.M	16543.80	4,85,560.53
c	Second Floor	5.96	Cu.M	16707.60	99,577.30
d	Third floor	5.96	Cu.M	16871.40	1,00,553.54
e	Fourth floor	16.04	Cu.M	17035.20	2,73,244.61
18	Providing and laying Cast in situ/Ready Mix cement concrete in M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C.coping to plinth or parapet and sill of doors and windows moulded as per detailed drawings or chamfered as approved by the Engineer including centering, formwork, cover blocks, laying/pumping, compacting , curing , finishing and roughening them if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With natural sand/V.S.I. quality Artificial Sand				
a	Ground Floor	2.16	Cu.M	7477.60	16,151.62
b	First Floor	0.13	Cu.M	7552.38	981.81
c	Second Floor	0.08	Cu.M	7627.15	610.17
d	Third floor	0.08	Cu.M	7701.93	616.15
e	Fourth floor	1.59	Cu.M	7776.70	12,364.96
19	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.				
a	Ground Floor	59.65	MT	93291.12	55,64,815.31
b	First Floor	25.91	MT	94224.03	24,41,344.65
c	Second Floor	21.26	MT	95156.94	20,23,036.60
d	Third floor	21.26	MT	96089.85	20,42,870.29
e	Fourth floor	27.64	MT	97022.76	26,81,709.22
20	Providing and Laying of second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth external walls including bailing out water manually , striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete.	7.46	Cu.M.	8065.20	60,166.39
21	Providing and Laying of second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete				
a	Ground Floor	15.56	Cu.M.	8313.76	1,29,362.11
b	First Floor	27.20	Cu.M.	8396.90	2,28,395.61



Sr. No	Item Description	Qty	Unit	Rate	Amount
c	Second Floor	33.98	Cu.M.	8480.04	2,88,151.60
d	Third floor	33.98	Cu.M.	8563.17	2,90,976.61
e	Fourth floor	74.41	Cu.M.	8646.31	6,43,371.96
22	Providing and laying of second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:4 in 150 mm brick thick wall including mild steel longitudinal reinforcement of 2 bars of 6 mm diameter / 2 hoop iron strips 25 mm X 1.6 mm placed at every third course, properly bent and bonded at ends scaffolding, racking out joints and watering etc. complete				
a	Ground Floor	139.34	Sq.M.	1050.00	1,46,307.00
b	First Floor	77.05	Sq.M.	1060.50	81,711.53
c	Second Floor	65.82	Sq.M.	1071.00	70,493.22
d	Third floor	51.10	Sq.M.	1081.50	55,264.65
e	Fourth floor	185.40	Sq.M.	1092.00	2,02,456.80
23	Providing and laying of exposed wire cut brick masonry with / I.S. type bricks in 12mm grove in cement mortar 1:3 , in 110mm thick wall including striking joints , racking out joints and watering, Including lacquer paint, scaffolding etc. complete.(SIZE .230x110mmx75mm)				
a	Ground Floor	24.78	Sq.M.	9605.00	2,38,011.90
b	First Floor	167.82	Sq.M.	9701.05	16,28,030.21
c	Second Floor	156.18	Sq.M.	9797.10	15,30,111.08
d	Third floor	158.96	Sq.M.	9893.15	15,72,615.12
e	Fourth floor	256.26	Sq.M.	9989.20	25,59,832.39
24	Providing and laying brick , cladding tiles having size 230 X75 X15mm confirming to corresponding I.S. for cladding in required position with readymade adhesive mortar of approved quality on plaster of 1:2 cement mortar including 12 mm grove including striking of joints, racking out joints, Including lacquer paint, scaffolding , cleaning & curing etc. complete .				
a	Ground Floor	2.34	Sq.M.	1950.00	4,563.00
b	First Floor	43.72	Sq.M.	1969.50	86,106.54
c	Second Floor	43.72	Sq.M.	1989.00	86,959.08
d	Third floor	43.72	Sq.M.	2008.50	87,811.62
e	Fourth floor	43.72	Sq.M.	2028.00	88,664.16
25	Providing waterproofing in W.C. and bath including brick bat coba in all position including providing and laying 12mm bedding in cement mortar 1:3 on vergin concrete slab with waterproofing compound @ 1kg/per bag of cement laying brick bat coba of required thickness in cm 1:5 with waterproofing compound 1 kg/bag of cement grouting and finishing the top layer with 20mm thick brick bedding in cm mortar 1:3 with waterproofing compound 1 kg/per bag of cement and testing the treated portion for 48 hours by pond test and covering ten years' guarantee on requisite stamp paper including curing etc.complete.				
a	Ground Floor	1.89	Cu.M.	6442.80	12,176.89
b	First Floor	5.65	Cu.M.	6507.23	36,765.84
c	Second Floor	7.17	Cu.M.	6571.66	47,118.77
d	Third floor	5.65	Cu.M.	6636.08	37,493.87
e	Fourth floor	4.48	Cu.M.	6700.51	30,018.29



Sr. No	Item Description	Qty	Unit	Rate	Amount
26	Providing cement based water proofing treatment to terraces (Indian water proofing or alike) with brick bats laid in required slope to drain the water for any span after cleaning the base surface. Applying a coat of cement slurry admixed with approved water proofing compound and laying the brick bats on bottom layer in C.M.1:5 admixed with approved water proofing compound filling up to half depth of brick bats, curing this layer for 3 days, applying cement slurry over this layer joints of brick bats with C.M.1:3 admixed with approved water proofing compound and finally top finishing with average 20 mm. thick layers of same mortar added with jute fiber at 1 Kg per bag including finishing the surface smooth with cement slurry admixed with approved water proofing compound. Marking finished surface with false squares of 300mm x 300 mm. making the junctions at the parapet rounded and tapered top for required height, with drip mould at the junction of plaster and parapet and curing and covering 10 years Guarantee against leakproofness on Court fee stamp paper of Rs. 500/- including ponding test etc. complete.				
	Terrace Floor	265.18	Sq.M.	1201.20	3,18,534.22
27	Providing and applying a base coat comprising of 1 Kg Polydee-MC and 1 Kg fresh cement after wetting the surface followed by drying the surface for 2 days, apply primer coat of TP-40 and after drying, applying Polydee-11 two component (mixing ratio 2 A : 1 B) Antibacterial food grade coating inside drinking water tank in two coats with time interval of minimum 8 hrs. covering 7 years guarantee on Court Fee Stamp Paper of Rs. 100/- etc. complete.				
	OHWT	119.53	Sq.M.	1267.00	1,51,444.51
28	Providing and fixing 20 to 25 mm thick rough shahabad box type waterproofing for basement or underground floor on a base of Cement concrete 1:3:6, including sub base of 2.50 centimeter thick Cement mortar 1:3 with conceal, secrete (RMW), Algae proof or other alike waterproofing liquids, raking of joints upto 35 mm depth, filling the joints with 6 mm size crushed metal, hand grouting with cement slurry, curing and cleaning, with 7 years guarantee on court fee stamp of Rs. 100/- with ponding test etc complete. (excluding Cement concrete 1:3:6 base concrete)	49.41	Sq.M.	1286.00	63,541.26
29	Providing and fixing 20 to 25 mm thick rough shahabad box type waterproofing treatment to vertical outside faces of Reinforced Cement concrete walls of basement or underground floor including filling the gap of 25 mm between rough shahabad and R.C.C. walls with cement grout mixed with water proofing liquid Algae proof or other alike with one tile lift method, brushing the joints horizontally with cement slurry mixed with water proofing liquid for width 30 to 35 mm and sloping coping over topmost tile with cement mortar 1:3, butting the bottom most with Cement concrete 1:2:4 mixed with water proofing liquid, curing, with 7 years guarantee on court fee stamp of Rs.100/- with ponding test etc complete. (excluding Cement concrete 1:3:6 base concrete)	79.88	Sq.M.	1338.00	1,06,879.44



Sr. No	Item Description	Qty	Unit	Rate	Amount
30	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete.				
a	Ground Floor	636.66	Sq.M.	664.56	4,23,098.77
b	First Floor	271.83	Sq.M.	671.21	1,82,453.82
c	Second Floor	273.12	Sq.M.	677.85	1,85,134.72
d	Third floor	273.11	Sq.M.	684.50	1,86,942.92
e	Fourth floor	667.63	Sq.M.	691.14	4,61,427.40
31	Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:3 without neeru finish to concrete surface in all positions including scaffolding and curing etc. complete.				
a	Ground Floor	238.10	Sq.M.	217.36	51,753.42
b	First Floor	22.05	Sq.M.	219.53	4,840.72
c	Second Floor	22.05	Sq.M.	221.71	4,888.64
d	Third floor	22.05	Sq.M.	223.88	4,936.57
e	Fourth floor	54.81	Sq.M.	226.05	12,390.04
32	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:3 without neeru finish to oncrete or brick surfaces, in all position including scaffolding and curing etc. complete.				
a	Ground Floor	116.44	Sq.M.	300.56	34,997.21
b	First Floor	504.76	Sq.M.	303.57	1,53,227.77
c	Second Floor	381.72	Sq.M.	306.57	1,17,024.36
d	Third floor	348.95	Sq.M.	309.58	1,08,026.82
e	Fourth floor	730.58	Sq.M.	312.58	2,28,366.45
33	Providing and applying Two coats of wall care Putty on plastered surface and Ceiling and Walls to prepare surface even and smooth of approved make, etc complete.				
a	Ground Floor	238.10	Sq.M.	93.60	22,286.16
b	First Floor	22.05	Sq.M.	94.54	2,084.52
c	Second Floor	22.05	Sq.M.	95.47	2,105.16
d	Third floor	22.05	Sq.M.	96.41	2,125.80
e	Fourth floor	54.81	Sq.M.	97.34	5,335.42
34	Providing and laying in position flooring of telephone black / Amba White / Cat bary brown / Ruby red / Ocean Brown granite stone of approved shade and size 18 mm to 20 mm thick on bed 1:6 cement mortar including cement floats striking joints, pointing in C.M. 1:3 curing and cleaning etc. complete.				
a	Ground Floor	10.94	Sq.M.	4184.96	45,783.46
b	First Floor	10.94	Sq.M.	4226.81	46,241.30
c	Second Floor	10.94	Sq.M.	4268.66	46,699.13
d	Third floor	10.94	Sq.M.	4310.51	47,156.97
e	Fourth floor	10.94	Sq.M.	4352.36	47,614.80



Sr. No	Item Description	Qty	Unit	Rate	Amount
35	Providing and fixing machine cut machine polished 18 mm to 20 mm thick telephone black / Amba White / Cat bary brown / RBI red / Ocean Brown granite stone for treads and risers of steps and staircases of approved colour and shade with rounded moulding and three grooved line for the treads on bed of 1:4 Cement mortar including float filling joints with neat cement slurry curing polishing and cleaning etc. complete.				
a	Ground Floor	15.08	Sq.M.	4338.88	65,430.31
b	First Floor	13.50	Sq.M.	4382.27	59,160.63
c	Second Floor	13.50	Sq.M.	4425.66	59,746.38
d	Third floor	13.50	Sq.M.	4469.05	60,332.13
e	Fourth floor	13.50	Sq.M.	4512.44	60,917.88
36	Providing and constructing Granite kitchen platform with fixing of stainless steel sink 600 mm x 450 mm size as per detailed drawing including vertical both side polished kadappah stone 25 to 30 mm thick supports with kadappah top 35 to 40 mm thick and polished granite 16 to 20 mm top with side strips of granite at front and both sides of platform raised with two vertical granite supports 15 cm height and top granite of 75 x 40 cm including cutting, opening for sink of required size in kadappah as well as granite etc. complete. (Platform top size 5.00 m x 0.60 m and height is 0.75 m)				
	Fourth floor	2.94	Sq.M.	10220.08	30,047.04
37	Providing and laying chequered tiles of approved quality as per approved size, confirming to corresponding I.S. for flooring in required position laid on a bed of 1:4 cement mortar including cement float, filling joint with cement slurry cleaning curing etc. complete. For Parking				
	Ground Floor	382.89	Sq.M.	764.40	2,92,681.12
38	Providing and laying Rough Shahabad Stone Flooring 25mm to 30mm thick and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. complete. for Plinth Protection	42.22	Sq.M.	10220.08	4,31,491.78
39	Providing and applying two coats of exterior weather shield paint of approved manufacture and of approved colour to the plastered surfaces including cleaning ,preparing the plaster surface ,applying primer coat ,scaffolding if necessary, and watering the surface for two days etc complete.				
a	Ground Floor	649.16	Sq.M.	306.80	1,99,162.29
b	First Floor	141.86	Sq.M.	309.87	43,957.87
c	Second Floor	148.13	Sq.M.	312.94	46,355.21
d	Third floor	148.13	Sq.M.	316.00	46,809.67
e	Fourth floor	396.91	Sq.M.	319.07	1,26,642.87
40	Providing and applying priming coat on concrete/ masonry/ Asbestos Cement plastered surfaces including scaffolding if necessary, preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and sand papering as required etc. complete.				
a	Ground Floor	238.10	Sq.M.	37.44	8,914.46
b	First Floor	22.05	Sq.M.	37.81	833.81
c	Second Floor	22.05	Sq.M.	38.19	842.06
d	Third floor	22.05	Sq.M.	38.56	850.32
e	Fourth floor	54.81	Sq.M.	38.94	2,134.17

Sr. No	Item Description	Qty	Unit	Rate	Amount
41	Provide and fixing on site door frame in 18mm and 12 mm thick waterproof plywood and 1.5 mm thick laminate top on all sides, approved colour, make, brand, as per detailed design and drawings etc. complete.				
a	Ground Floor	5.67	Sq.M.	3500.00	19,845.00
b	First Floor	13.23	Sq.M.	3500.00	46,305.00
c	Second Floor	6.93	Sq.M.	3500.00	24,255.00
d	Third floor	6.93	Sq.M.	3500.00	24,255.00
e	Fourth floor	34.02	Sq.M.	3500.00	1,19,070.00
42	Providing and laying telephone black / Amba White / Cadburybrown / Ruby red / Ocean Brown granite stone of 18 to 20 mm thick for door frame/ dado/ window boxing etc. On C.M. 1:6 including filling joints with polymer base filler nosing the sharp edges wherever necessary, curing, etc. complete.				
a	Ground Floor	6.90	Sq.M.	4561.44	31,473.94
b	First Floor	27.26	Sq.M.	4607.05	1,25,588.30
c	Second Floor	32.69	Sq.M.	4652.67	1,52,095.74
d	Third floor	30.76	Sq.M.	4698.28	1,44,519.19
e	Fourth floor	32.02	Sq.M.	4743.90	1,51,899.60
43	Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineer in charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With powder coating with box				
a	Ground Floor	7.11	Sq.M.	5581.68	39,685.74
b	First Floor	37.56	Sq.M.	5637.50	2,11,744.38
c	Second Floor	44.76	Sq.M.	5693.31	2,54,832.72
d	Third floor	44.76	Sq.M.	5749.13	2,57,331.08
e	Fourth floor	48.36	Sq.M.	5804.95	2,80,727.25
44	Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with powder coating as per detailed drawing and specifications including aluminium frames 80 x 38 mm x 1.22 mm box type, 5 mm thick sheet glass louvers, of approved quality etc. complete.				
a	Ground Floor	0.45	Sq.M.	3605.68	1,622.56
b	First Floor	0.00	Sq.M.	3641.74	0.00
c	Second Floor	0.45	Sq.M.	3677.79	1,655.01
d	Third floor	0.00	Sq.M.	3713.85	0.00
e	Fourth floor	1.35	Sq.M.	3749.91	5,062.37



Sr. No	Item Description	Qty	Unit	Rate	Amount
45	Providing and fixing in position Fire Rated Metal door with pressed steel frame and shutter as per manufacturer's details and as mentioned in the drawings including fixing ironmongery etc of MPP System Schroders make. This includes providing and fixing brush steel finished iron mongery like Ball bearing Hinges, Mortise Locks, Handles, Push Plates, Bolts, Door Closer, etc. (Dorma/ Geze/ Ingersoll /Shakti rand make) as indicated in the detail drawings and all surfaces of doors shall be finished with 2 coats of Fire rating paint over a coat of primer to achieve the fire rating as indicated in the detail drawings.				
a	Ground Floor	3.15	Sq.M.	7500.00	23,625.00
b	First Floor	3.15	Sq.M.	7500.00	23,625.00
c	Second Floor	3.15	Sq.M.	7500.00	23,625.00
d	Third floor	3.15	Sq.M.	7500.00	23,625.00
e	Fourth floor	3.15	Sq.M.	7500.00	23,625.00
46	Providing and fixing Mild steel grill work for windows, ventilators etc. 20 kg./sq.m. as per drawing including fixtures, necessary welding & painting with one coats of anticorrosive paint & two coats of oil painting complete.				
a	Ground Floor	7.56	Sq.M.	2180.88	16,487.45
b	First Floor	37.56	Sq.M.	2202.69	82,732.99
c	Second Floor	45.21	Sq.M.	2224.50	1,00,569.54
d	Third floor	46.89	Sq.M.	2246.31	1,05,329.31
e	Fourth floor	49.71	Sq.M.	2268.12	1,12,748.01
47	Providing and fixing 40mm diameter and 1.5 mm thick Stainless steel hand railing in S.S.304 Grade including fabricating ,fixtures, erecting, necessary welding, grinding, finishing, buffing to stainless steel pipe etc. complete				
a	Ground Floor	11.70	Rmt.	1268.80	14,844.96
b	First Floor	11.70	Rmt.	1281.49	14,993.41
c	Second Floor	11.70	Rmt.	1294.18	15,141.86
d	Third floor	11.70	Rmt.	1306.86	15,290.31
e	Fourth floor	11.70	Rmt.	1319.55	15,438.76
48	Providing and fixing 900mm high S.S.304 Grade Stainless steel railing with 40mm diameter and 1.5mm thick at top,40mm diameter and 1.5mm thick vertical supports spaced at 1.5m center to center and 8mm thick toughened glass including fabricating ,fixtures, erecting , necessary welding , grinding , finishing, buffing to stainless steel pipe etc. complete				
a	Ground Floor	6.30	Rmt.	4892.16	30,820.61
b	First Floor	6.30	Rmt.	4941.08	31,128.81
c	Second Floor	6.30	Rmt.	4990.00	31,437.02
d	Third floor	6.30	Rmt.	5038.92	31,745.23
e	Fourth floor	6.30	Rmt.	5087.85	32,053.43
49	Providing and fixing mild steel gate as per the detailed drawing including hinges, locking arrangements and painting in three coats of oil paint of approved colour and shade etc. complete.(weight 60 Kilogram. to 70 Kilogram. Per Sq.m.)	28.80	Sq.M.	7350.00	2,11,680.00



Sr. No	Item Description	Qty	Unit	Rate	Amount
50	Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position making riveted / bolted /welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete.	0.26	MT	101844.00	26,479.44
51	Vitrified flooring including skirting: Providing and fixing Vitrified Tiles of any size of 1st quality of approved shade and pattern over cement Mortar of 1:4 ratio and as per manufacturer's guidelines in proper line and level and with hair line joint inclusive of providing and laying necessary backing material and joint filling compound of the same shade of the tiles in order to match the level as per instruction of Bank's Engineer.For billing; the skirting's measurement will not be considered.The item includes plaster finish over skirting, proper curing & cleaning of the flooring.The flooring should accommodate Aluminium raceways below floor tiles and should be at same level of passage flooring or above it, including necessary cut out to be made in flooring for Junction box, etc. So the rate should be quoted with consideration of additional cement mortar sub base below floor tiles. Basic Rate of Tile : - Rs. 70 per sft.(without GST)				
a	Ground Floor	8.78	Sqm	1420.10	12,468.48
b	First Floor	195.51	Sqm	1434.30	2,80,419.99
c	Second Floor	192.23	Sqm	1448.50	2,78,445.16
d	Third floor	197.12	Sqm	1462.70	2,88,327.42
e	Fourth floor	162.53	Sqm	1476.90	2,40,040.56
52	Flooring for toilet. Providing and fixing Vitrified Tiles of any size of 1st quality &/or granite of approved shade and pattern in CM 1:4 in proper line and level and with hair line joint inclusive of providing and laying necessary backing material and joint filling compound of the same shade of the tiles. the item includes chamfer edge polish for granite for edges as required. Basic Rate : - Rs. 90 per sft.(without GST)				
a	Ground Floor	6.28	Sqm	1650.00	10,362.00
b	First Floor	18.93	Sqm	1666.50	31,546.85
c	Second Floor	24.00	Sqm	1683.50	40,404.00
d	Third floor	18.93	Sqm	1699.50	32,171.54
e	Fourth floor	14.89	Sqm	1716.00	25,551.24



Sr. No	Item Description	Qty	Unit	Rate	Amount
53	Flooring work: Providing and laying vitrified rustic matt stone finish tiles of any size confirming to IS. 15622-2006 (Group Bla) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and cleaning etc. complete. a) Flooring Basic Cost of tile : Rs 110/- (without GST)				
a	First Floor	6.39	Sqm	1839.76	11,756.07
b	Second Floor	6.39	Sqm	1585.16	10,129.17
c	Third floor	6.39	Sqm	1876.56	11,991.22
d	Fourth floor	47.19	Sqm	1894.95	89,422.69
54	Dado for toilet : Providing and fixing ceramic tiles up to full height from Finished floor level of approved shade of ceramic tiles as per pattern for dado from FFL using CM 1:4 in proper line and level as directed by the Architect as shown in the drawings including necessary rough plaster, backing material, water proofing and joint filling compound of the same shade as that of the ceramic tiles. All sanitary fittings shall be located on the joints or junctions of the tiles or as shown in the drawing and the joints to be finished neatly with proper workmanship. Basic Rate of Tile : - Rs. 70 per Sft. (without GST)				
a	Ground Floor	25.82	Sqm	1419.00	36,638.58
b	First Floor	66.10	Sqm	1433.19	94,733.86
c	Second Floor	84.25	Sqm	1447.38	1,21,941.77
d	Third floor	66.10	Sqm	1461.57	96,609.78
e	Fourth floor	65.76	Sqm	1475.75	97,045.32
55	P/F Granite Partitions: Providing & fixing partitions between urinals made up of 20 mm thk, granite slab of approved shade & colour fixed in floor & dado tiles with full round edge polish for exposed edges. The item includes farma cutting & cutting of granite as per design. Basic Rate of Granite : - Rs. 200 per Sft.(without GST)	1.22	Sqm	2959.00	3,609.98
56	P/C Quartz or Granite platform - 600 wide For wash basin with cutting for bowl. Providing & constructing platform made up of 20 mm thk. Granite of approved shade & colour. The granite shall be fixed on horizontal & vertical kadappah supports. All the kadappah slabs shall be recessed by 50mm from the granite facia patti. 50 mm wide granite facia patti with full round edge polish shall be fixed on edge of granite ledge. In case of WHB or Kit. Platform; kadappah ledge shall be cut as per the size of bowl. The rate shall include 600 wide and 1200 high (with exposed side & edges mirror polished) 20 mm thk. Granite at the end of the platform Basic Rate of Quartz or Granite : - Rs. 200 per Sft. (without GST)	16.00	Rmt	3850.00	61,600.00
57	Carting Away/Shifting of unwanted materials obtained from Dismantelling , breaking , dressing , Excavation including all lifts from site to outside of Satara Municipal Council Area or as per Satara Municipal Council etc complete. (Qty 3 Cu.M. per Trip) Including all royalties, statutory permissions , necessary fees etc.	75.65	Cu.M.	900.00	68,085.00
TOTAL AMOUNT					49550748.84

Sr. No	Item Description	Qty	Unit	Rate	Amount
2. EXTERNAL PLUMBING WORK					
A	Pumping Machinery For Domestic water (UGT to OHT)				
1	Supplying and erecting submersible pumpset of 2.25 KW/3 HP with 415 V, 50 c/s AC supply suitable for 150 mm dia. borewell suitable for 20 to 80 LPM discharge at 55 to 25 m head and (max. efficiency at 41 m head & 50 lpm) discharge & delivery Pipe of Size-50mm dia. with a necessary H type clamps as per specification no. WP-SMP all complete.	1.00	L.S	30222.15	30,222.15
2	Providing and fixing on walls/ ceiling/ floor 40 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete.Spec. No.: BD.V 5 page 551 and as directed by Engineer in charge	40.00	RMT	565.95	22,638.00
3	Providing and fixing of below dia PVC Ball Valve of approved make including necessary sockets / unions, nut, testing etc. complete. (Prior approval of sample and brand by Bank's Engineer in charge is necessary before use)	1.00	RMT	659.32	659.32
4	Excavation for foundation in hard murum including removing the excavated materials upto distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. all complete. (Lift upto 1.50 m)By Mechanical Means	18.00	RMT	834.75	15,025.50
5	Filling in plinth and floors with contractors soil sand or murum in 15cm to 20cm, layers including watering and compaction all complete.	4.50	RMT	834.75	3,756.38
B	External Drainage System:				
6	Providing and laying concrete pipes of I.S.NP. class of 150mm diameter in proper line, level and slope including necessary collars, excavation, laying, fixing with collars in cement mortar 1:1 and refilling the trench all complete.	20.00	RMT	556.50	11,130.00
7	Providing and laying concrete pipes of I.S.NP. class of 225mm diameter in proper line, level and slope including necessary collars, excavation, laying, fixing with collars in cement mortar 1:1 and refilling the trench all complete.	1.00	RMT	589.05	589.05
8	Providing and laying concrete pipes of I.S.NP. class of 300mm diameter in proper line, level and slope including necessary collars, excavation, laying, fixing with collars in cement mortar 1:1 and refilling the trench all complete.	1.00	RMT	812.70	812.70
9	Providing and fixing 15cm x 10cm salt glazed stoneware gully trap in cement concrete 1:4:8 outside the building including cast iron grating in the sink, connecting glazed stoneware pipe, brick masonry chamber with cast iron lid and cast iron grating for the gully trap.	4.00	Nos	1710.45	6,841.80



Sr. No	Item Description	Qty	Unit	Rate	Amount
10	Providing & constructing Brick Masonry Inspection Chamber 60cm x 45cm x 90cm including 1:4:8 cement concrete foundation 1:2:4 cement concrete channels half round G.S.W. pipes, Brick Masonry, plastering from inside and with frame fixed in cement concrete etc. all complete with R.C.C. Cover.	4.00	Nos	9809.10	39,236.40
11	Providing & constructing Brick Masonry Inspection Chamber 90cm x 45cm x 90cm including 1:4:8 cement concrete foundation 1:2:4 cement concrete channels half round G.S.W.pipes, Brick Masonry, plastering from inside and with frame fixed in cement concrete etc. all complete with R.C.C. Cover.	2.00	Nos	11543.70	23,087.40
C	External Stormwater System:				
12	Providing and laying concrete pipes of I.S.NP. class of 225mm diameter in proper line, level and slope including necessary collars, excavation, laying, fixing with collars in cement mortar 1:1 and refilling the trench all complete.	70.00	RMT	589.05	41,233.50
13	Providing & constructing Brick Masonry Inspection Chamber 60cm x 45cm x 90cm including 1:4:8 cement concrete foundation 1:2:4 cement concrete channels half round G.S.W. pipes, Brick Masonry, plastering from inside and with frame fixed in cement concrete etc. all complete with R.C.C. Cover.	4.00	Nos	9809.10	39,236.40
14	Providing & constructing Brick Masonry Inspection Chamber 90cm x 45cm x 90cm including 1:4:8 cement concrete foundation 1:2:4 cement concrete channels half round G.S.W.pipes, Brick Masonry, plastering from inside and with frame fixed in cement concrete etc. all complete with R.C.C. Cover.	4.00	Nos	11543.70	46,174.80
15	RWH - Recharge Pit Providing and constructing recharge pit of 2.0m deep and 1.0m dia of pre-cast RCC rings with 6.5" dia x 25m deep borewell at the floor of recharge pit including installation of combination of solid/perforated PVC casing pipe wrapped around with netlon mesh including 300mm thick sidefilling around outside of RCC rings (annular space) with 40mm size boulders including filling of recharge pit up to 0.5m depth with 25-75mm clean washed gravels from bottom up followed by 0.5m depth of 10-25mm of clean washed stones followed by 0.5m of washed river fine aggregate (natural sand/crushed sand VSI grade finely washed etc.) including netlon mesh between each gravel/fine aggregate (natural sand/crushed sand VSI grade finely washed etc.) media layer including covering with RCC slab, manhole frame & cover, PVC rungs, PVC end-caps, fittings etc. including arrangement for inlet & outlet pipe excavation & backfilling as shown in the drawing. The rate shall be inclusive of all labour, material, wastage, scaffolding, transportation, taxes, including all leads, lifts at all levels. All material should be of approved make. All works complete as per the drawing, technical specification and direction of the Engineer in charge	1.00	Nos	86314.20	86,314.20
TOTAL AMOUNT					3,66,957.60



Sr. No	Item Description	Qty	Unit	Rate	Amount
3.INTERNAL PLUMBING WORK					
1	Providing and fixing on walls/ ceiling/ floor 15 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. all complete as directed etc. complete and as directed by Engineer in charge	36.00	RMT	273.00	9,828.00
2	Providing and fixing on walls/ceiling/floor 20 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. all complete as directed by Engineer in charge	120.00	RMT	325.50	39,060.00
3	Providing and fixing on walls/ ceiling/ floor 25 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. all complete as directed by Engineer in charge	30.00	RMT	393.75	11,812.50
4	Providing and fixing on walls/ ceiling/ floor 32 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete all as directed etc. all complete as directed by Engineer in charge	42.00	RMT	452.55	19,007.10
5	Providing and fixing on walls/ ceiling/ floor 40 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete all as directed etc. all complete and as directed by Engineer in charge	24.00	RMT	565.95	13,582.80
6	Providing and fixing on walls/ ceiling/ floor 50 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete all as directed etc. all complete and as directed by Engineer in charge	42.00	RMT	778.05	32,678.10
7	Providing and fixing 10 cm PVC nahani trap with grating etc. all complete as directed by Engineer in charge	32.00	No.	565.95	18,110.40
8	Providing and fixing stainless steel sink of size 600 x 510 x 200 mm of Nirali or equivalent make including coupling, outlet pipe, elbow and other necessary fitting, finishing etc. all complete. Spec : As directed by Engineer In Charge	1.00	No.	20895.00	20,895.00
9	Providing and fixing C.P. Angular stop clock with wall flange jaquar make continental (CAT.NO. CON-059) or equivalent including necessary sockets/union nut etc. all complete as directed by Engineer In Charge	20.00	No.	2821.35	56,427.00
10	Providing and fixing C.P.Two way BIB cock jaquar make continental (CAT.NO. CON- 041) or equivalent including necessary sockets/union nut etc. all complete as directed by Engineer In Charge	14.00	No.	1531.95	21,447.30
11	Providing and fixing C.P. wall mixer with provision for overhead shower with 115mm long bend pipe & wall flange jaquar or equivalent make continental (CAT.NO. CON-273 UPR) or equivalent including necessary sockets/union nut etc. all complete as directed by Engineer in charge	3.00	No.	4974.90	14,924.70
12	Providing and fixing C.P. pillar cock long neck with aerator jaquar or equivalent make continental (CAT.NO. CON -021) or equivalent including necessary sockets/union nut etc. all complete as directed by Engineer in charge	19.00	No.	1706.25	32,418.75



Sr. No	Item Description	Qty	Unit	Rate	Amount
13	Providing and fixing C.P. sink cock with raised J shaped swinging casted spout jaquar or equivalent make continental (CAT.NO. CON -359) or equivalent including necessary sockets/ union nut etc. all complete as directed by Engineer in charge	1.00	No.	2252.25	2,252.25
14	Providing and fixing C.P. BIB cock with wall flange jaquar or equivalent make continental (CAT.NO.ON-047) or equivalent including necessary ockets/ union nut etc. all complete as directed by Engineer in charge	2.00	No.	1163.40	2,326.80
15	Providing and fixing C.P. Health Faucet jaquar or equivalent make continental (CAT.NO. ALD IVY 573) or equivalent including necessary sockets/union nut etc. all complete ss directed by Engineer in charge	14.00	No.	945.00	13,230.00
16	Providing and fixing European type wall-hung white water closet of Paryware / Hindware with push valve concealed type with cover plate 32mm size of JAQUAR MAKE SERIES FLV-1095 or equivalent including soil pipe ,vent pipe up to outside face of wall ,100mmdia. G.I. plug bend inlet pipe all fittings, cuttingand making good walls, floors etc. all complete as directed by Engineer In Charge	14.00	No.	15777.30	2,20,882.20
17	Providing and fixing White glazed with bottle trap earthenware Wash Hand Basin of 63x45 cm size of approved make including cold water piller taps, brackets, rubber plugs and brass chain, stop tap, chromium plate bottle trap and necessary pipe connections including UPAC waste pipe and trap upto the outside face of the wall, making good the damaged surface, testing etc. all complete as directed by Engineer In Charge.	19.00	No.	7468.65	1,41,904.35
18	Providing and fixing 1st class white glazed earthenware Orissa Type W.C. Pan 580 mm dia including P or S trap cast iron soil and vent pipe of approved make upto the outside face of the wall (1:5:1 0) cement concrete bedding 15 mm thick, 10 liter P.V.C. flushing cistern with all necessary pipe connection etc. all complete as directed by Engineer In Charge	1.00	No.	7757.40	7,757.40
19	Providing and fixing 15 mm diameter PVC Aqua kraft type Jaquar make (CAT.NO. ALE-CHR-547) or equivalent of approved make jet spray with flange 2 in 1 faucet 1.00 metre long including all accessories etc complete complete as directed by Engineer In Charge	14.00	No.	491.40	6,879.60
20	Providing and fixing 450mm x 550mm size superior type Belgium mirror with 16mm dia. nickel plated towel rod etc. all complete as directed by Engineer In Charge	19.00	No.	904.05	17,176.95
21	Providing and fixing Towel Ring of Jaquar make (CAT NO ACN-1121N) or equivalent including all accessories etc all complete as directed by Engineer In Charge	19.00	No.	942.90	17,915.10
22	Providing and fixing chromium plated towel rod 16 mm dia and 75 cm. in length including all accessories all complete as directed by Engineer In Charge	19.00	No.	313.95	5,965.05
23	Providing and fixing Soap Dish of Jaquar make (CAT NO AQN 7733) or equivalent including all accessories etc all complete as directed by Engineer In Charge	19.00	No.	1025.85	19,491.15



Sr. No	Item Description	Qty	Unit	Rate	Amount
24	Providing and fixing coloured glazed earthenware full stall type Urinal with P.V.C. flushing cistern of approved make of 5 liters capacity with fitting, inlet pipes and stop tap brackets for fixing the cistern 32mm dia. P.V.C. flush pipe with fittings and flushing arrangement including lead soil pipe, lead trap soil pipe connection up to the outside face of the wall. Basic Rate / Cost of Urinal : - Rs. 3000 per Nos.(without GST)	6.00	Nos	4500.00	27,000.00
25	Providing, laying & fixing P.V.C. pipe of 40mm dia. with fittings such as bends, tees, reducers, clamps, etc. including necessary excavation, trench filling etc. all complete as directed by Engineer In Charge	50.00	RMT	316.05	15,802.50
26	Providing, laying & fixing P.V.C. pipe of 50mm dia. with fittings such as bends, tees, reducers, clamps, etc. including necessary excavation, trench filling etc. all complete as directed by Engineer In Charge	24.00	RMT	443.10	10,634.40
27	Providing and fixing 75 mm dia stabiliser pipe/ P.V.C. soil vent/waste pipe and with necessary fixtures and fitting such as bends, tees, single junctions, slotted vent, clamps etc. all complete as directed by Engineer In Charge	160.00	RMT	637.35	1,01,976.00
28	Providing and fixing 100 mm dia stabiliser pipe/ P.V.C. soil vent/waste pipe and with necessary fixtures and fitting such as bends, tees, single junctions, slotted vent, clamps etc. all complete as directed by Engineer In Charge	90.00	RMT	827.40	74,466.00
29	Providing and laying cast iron pipes of B class of 80mm diameter with sockets and spigot ends/ flanges and cast centrifugally/ vertically including specials, laying pipes and back filling the trench all complete including excavation.	15.00	RMT	1382.85	20,742.75
30	Providing and laying cast iron pipes of B class of 100mm diameter with sockets and spigot ends/ flanges and cast centrifugally/vertically including specials, laying pipes and back filling the trench all complete including excavation.	9.00	RMT	1710.45	15,394.05
31	Providing, laying & fixing P.V.C. pipe of 75mm dia. with fittings such as bends, tees, reducers, clamps, etc. including necessary excavation, trench filling etc. all complete as directed by Engineer In Charge	32.00	RMT	452.55	14,481.60
32	Providing and Fixing 110 mm diameter PVC Rain Water pipe with necessary fittings such as bends, tees, single junctions, slotted vent, clamps etc all complete as directed by Engineer In Charge	60.00	RMT	623.70	37,422.00
33	Providing and fixing 40 mm. dia Ball cock medium type with PVC float including sockets & necessary fittings and tested as per municipal requirements etc. all complete as directed by Engineer In Charge	1.00	NOS	1270.50	1,270.50
34	Providing and laying cast iron pipes of B class of 150mm diameter with sockets and spigot ends/ flanges and cast centrifugally/ vertically including specials, laying pipes and back filling the trench all complete including excavation.	1.00	RMT	3270.75	3,270.75



Sr. No	Item Description	Qty	Unit	Rate	Amount
35	Providing and fixing on walls/ ceiling / floors, ISI mark of below diameter ASTM UPVC SCHEDULE 80 pipes with screwed sockets & brackets, joints and necessary fittings such as socket's back nuts, elbows, bends, tees, reducers, plugs, clamps etc. including necessary drilling holes in walls, slabs, beam etc. and remaking good the demolished portion to restore the same in original condition neatly, testing etc. all complete. (Prior approval of sample and brand by Bank's Engineer in charge is necessary before use)				
a	32 mm dia	1.00	RMT	452.00	452.00
b	40 mm dia	40.00	RMT	556.00	22,240.00
c	50 mm dia	1.00	RMT	762.00	762.00
d	65 mm dia	1.00	RMT	1156.00	1,156.00
e	80 mm dia	1.00	RMT	1560.00	1,560.00
f	100 mm dia	1.00	RMT	2284.00	2,284.00
36	Providing and fixing of below dia PVC Ball Valve of approved make including necessary sockets / unions, nut, testing etc. complete. (Prior approval of sample and brand by Bank's Engineer in charge is necessary before use)				
a	20 mm dia	1.00	NOS	235.00	235.00
b	25 mm dia	3.00	NOS	335.00	1,005.00
c	32 mm dia	9.00	NOS	442.83	3,985.47
d	40 mm dia	3.00	NOS	659.32	1,977.96
e	50 mm dia	1.00	NOS	1008.66	1,008.66
f	65 mm dia	1.00	NOS	3335.96	3,335.96
g	80 mm dia	1.00	NOS	6548.92	6,548.92
h	100 mm dia	1.00	NOS	10700.00	10,700.00
TOTAL AMOUNT					11,25,684.02



Sr. No	Item Description	Qty	Unit	Rate	Amount
4. EXTERNAL ELECTRICAL WORK:					
A	TRANSFORMER (makes: VOLTAMP/KIRLOSKAR/RPG/UNIVERSAL)				
1	Supplying, installing, testing & commissioning 3 phase, 11/0.433 kV, 50 Hz., 250 kVA, Mineral oil immersed and naturally cooled outdoor type, Copper wound Non-sealed transformer delta/star connected with additional neutral brought out on load side, temperature rise should not exceed 45°C by thermometer in oil and 50°C by the resistance method in winding at full load rating, using type A winding insulation (kraft paper) with HV tapping (with off load tap changer) off load +5 to -10 in steps of 2.5%, +5 to -10 in steps of 2.5%, having 7 number of tap positions with standard accessories complete with test certificate with losses below 1025 Watts at 50% load, 3100 Watts at 100% load as per IS:1180 (part 1) : 2014 with necessary permissions of Electrical Inspector, as per specification no SS- TR-NSL.	1.00	Nos.	839390	8,39,390.00
B	EXTERNAL LIGHT FITTING				
1	Supplying and erecting integrated LED street light fitting 16 to 35W IP65 & IK08 class having single piece pressure die-cast aluminium housing, having system lumens output of Min. 2300 Lumens, min. efficacy of 100 lumen/W, CRI>70, CCT upto 6500K, THD<10%, p.f. >0.95, operating range of 140-270V, inbuilt surge protection of 10 kV, Life class of 50,000 Hrs. at L70B50, including driver complete with 3Years warranty	10.00	Nos.	3500	35,000.00
2	Supplying and erecting Street light bracket made from 40 mm. dia 'B' class G.I. Pipe, 1m. in length.	10.00	Nos.	950	9,500.00
C	EARTHING & ACCESSORIES				
1	Supplying, installation and testing of maintenance free earthing comprising of Electrode of 17.2 mm diameter Low Carbon Steel with 250 micron molecular copper bonded earthing rod of Length 3m along with 25 kg Carbon based environment friendly back fill ground enhancing compound required to fill up the excavated earth with required quantity complete, and recording the results Specification no. EA-MOBI	8.00	Nos.	13805	1,10,440.00
2	Supplying and erecting GI strip of required size used for earthing on wall and/or any other purpose with necessary GI clamps fixed on wall painted with bituminous paint in an approved manner with joints required.	350.00	KG	222	77,700.00
3	Supplying and erecting copper strip of high purity required size used for earthing on wall and/or any other purpose with necessary copper clamps fixed on wall painted with bituminous paint with joints required. As per specification no. EAEP.	20.00	KG	222	4,440.00
D	HT CABLE				
1	Supplying , erecting & terminating XLPE insulated, galvanised steel formed wire armoured (strip) cable 11 kV(E), 3 x 95 sq. mm. aluminium conductor laid in provided trench / pipe as per specification no. CB-HT	50.00	Mtr	1346	67,300.00



Sr. No	Item Description	Qty	Unit	Rate	Amount
2	Providing and erecting Heat shrinkable indoor termination kit for 11 kV (E) XLPE HT cable 3x up to 95 sq. mm. with necessary material as per specification no. CB-JT/HT	5.00	Each	8659	43,295.00
3	Providing and erecting Heat shrinkable out door termination kit for 11 kV (E) XLPE HT cable 3 x up to 95 sq. mm. with necessary material as per specification No. CB-JT/HT	1.00	Each	15075	15,075.00
E	HT BREAKER				
1	Supplying, installation, testing and commissioning extendable/non-extendable indoor type 11 kV, 630A, load break switch, compliant to IEC 62271 -100, 200 and 102, on provided MS Channels/trench/foundations per specification no SWHTS / LBS	1.00	Each	131300	1,31,300.00
F	HT METERING CUBICAL				
1	Supplying, erecting, testing and commissioning 11KV HT metering cubical (compact / vertical type) approved by MSEDCL / licensee fabricated with 2 mm (14 SWG) M.S. sheets with supporting angle, painted with powder coating / epoxy paint of required shade, copper bus bar size 25 x 6 mm, heavy duty mechanical lock, with counter meter for measuring no of times the opening of meter door, top side cover (CT, PT cover) interlock with meter door, epoxy casted 3 nos. CT having required ratio between 10/5A to 50/5A, VA10 or 15, Class 0.5S, epoxy casted 3 nos. PT having ratio 11000/V3/110/V3 VA 50, Class 0.5 suitable for provided trivector meter, and provision for incoming and outgoing cables complete duly tested by licensee with necessary test certificates and erected on provided plinth/ cc foundation.	1.00	Each	155280	1,55,280.00
G	APFC PANEL				
1	Supplying and erecting 125 kVAr, 3 phase, 50 Hz., Power contactors Derated for microprocessor APFC controller with MPP / APP type capacitor with 525 V and having minimum overcurrent capacity of 1.8 In, peak inrush current capacity 300 In and minimum life 150000 hours with , consisting of suitable steps of MPP /APP type capacitor units with detuned aluminium filter 7% reactors with circuit breaker as main incomer and MCCB for each branch protection, as per specification no CP-ED/APFC	1.00	Each	510703	5,10,703.00
H	STARTER PANEL				
1	Supplying, erecting, testing & commissioning of fire pump control panel (FCP) of cubical construction, floor mounted type,	1.00	Each	182320	1,82,320.00
2	For addition of capacity of main electric motor driven fire pump MFP (1 working) for hydrant system is more than 22kW For main electric motor driven fire hydrant system pump of 37kW capacity & relevant capacity jockey pump add Rs....	1.00	Each	26217	26,217.00
3	Supplying & erecting automatic control panel for 1 Ph, 230 volt, A.C. Submersible/centrifugal pump set up to 3 HP consisting of DOL starter Of suitable relay range S.P.P., Combined ammeter/ voltmeter, phase indicating lamp enclosed in CRCA powder coated Vibration proof enclosure with IP 54 protection	1.00	Each	5018	5,018.00
TOTAL					22,12,978.00



Sr. No	Item Description	Qty	Unit	Rate	Amount
5. INTERNAL ELECTRICAL WORK:					
A.	POINTS & WIRING				
1	Wiring for light point/ fan point/ wall fan point/ exhaust fan/ light sockets etc. with 2.5 sq.mm. PVC insulated 1100 V Grade copper conductor (FRLS) wires & 1.5 sq.mm. copper earth wire in concealed using 20/25/32 mm PVC conduits, accessories such as bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose etc. (wherever required) and chromium plates brass screws/ rowel plug etc. The circuit wiring starting from switchboard to point control box/ switch box using 2 X 2.5 sq.mm PVC insulated 1100 V grade multistranded copper conductor wire & 2.5 sq.mm. PVC insulated earth wire (color code to be used). (Flexible conduit/ elbow not allowed). The conduit to be laid in ceiling with proper clamps/ wall/ floor and filling the chase with cement mortar and finishing the same in original form/ wooden partition/ above false ceiling with proper clamps etc. all complete.				
	(Wherever required as per standard specifications).				
	i) Each circuit shall have independent earth wire.				
	ii) Each point shall be earthed.				
a	Primary light points controlled by one 6 amp. Modular switch.	71.00	Nos.	700	49,700.00
b	Secondary light points controlled looped with Primary Points	143.00	Nos.	610	87,230.00
c	One ceiling fan point with concealed slab hook controlled by one 6 amp. Modular switch & 5 speed regulator. The switch should be at switchboard level. The regulator shall be of electronic type.	32.00	Nos.	800	25,600.00
d	One exhaust fan point controlled by one 6 amp. Modular switch. The switch should be at switchboard level.	17.00	Nos.	800	13,600.00
e	Same as serial no.1, but wiring for switchboards from main DB by using 3*2.5 sqmm PVC insulated 1100 V FRLS grade copper conductor wire. The point starts from DB to the switchboard including terminations at both ends. (Main DB to switch board) Circuit wiring	300.00	Mtr	93	27,900.00
f	Same as serial no.1, but wiring for switchboards from main DB by using 2*4sq.mm +1*1.5 sqmm PVC insulated 1100 V FRLS grade copper conductor wire. The point starts from DB to the switchboard including terminations at both ends. (Main DB to switch board) Circuit wiring	100.00	Mtr	135	13,500.00
2	POWER POINTS (RAW)				
a	Same as serial no.1, but wiring for 6 Amp, 5-pin sockets by using 2*2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1* 2.5 sq.mm earth wire from D.B. to first point 1st socket and 1st to 2nd, socket with 2*2.5 sq.mm and 1*2.5 earth wire including providing and fixing of 6 Amp, 5 –pin socket with 16 Amp. Switch. (Modular type switch/ socket/ plate etc. complete assembly) max 3 points per circuit.				
i	Primary Point	26.00	Nos.	500	13,000.00
ii	Secondary Point or on board wiring	54.00	Nos.	500	27,000.00



Sr. No	Item Description	Qty	Unit	Rate	Amount
b	Same as serial no.1, but wiring for 16 Amp, 5-pin sockets by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1* 4.0 sq.mm earth wire from D.B. to first point 1st socket and 1st to 2nd, socket with 2*2.5 sq.mm and 1*2.5 earth wire including providing and fixing of 16 Amp, 6 –pin socket with 16 Amp. Switch. (Modular type switch/ socket/ plate etc. complete assembly) max 3 points per circuit.				
i	Primary Point	10.00	Nos.	1000	10,000.00
ii	Secondary Point	20.00	Nos.	800	16,000.00
c	Supply installation 8 modules Pop-up Boxes with flush mounting floor /work stations tables push & slide locking system etc along with wing with 2.5sqmm circuit wiring & RJ45 data wiring (legrand Make)	2.00	NOS.	7000	14,000.00
3	AC POINTS FOR INDOOR UNITS				
a	Same as serial no.1, but wiring for A/C socket from ACDB by using 2*2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire of weather proof type AC box with socket complete in all respects The point starts from DB to the point near the indoor unit including top top & 3 pin socket & 32/25 Amp modular MCB with accessories.	27.00	Nos.	800	21,600.00
4	COMPUTER POINTS				
a	Wiring with 2x2.5 sq.mm. + 1x1.5 sq.mm. PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 3 nos. 6 amps. 5 pin modular type sockets, one 16 amps modular switch with all accessories, inner/ outer plates, metal box etc. and to be fixed on wooden partitions/ by grouting on wall etc. as per requirement at site. The switch should be fixed above the top of counter with indicator and sockets under the counter b) Same as above but looped from the above 1st point to 2nd, point and 2nd point to 3rd point. (Maximum 3 points in a circuit)				
i	Primary Points	26.00	Nos.	650	16,900.00
ii	Secondary Points	54.00	Nos.	650	35,100.00
b	Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm PVC insulated 1100 V grade multi stranded copper conductor wires in 2mmthick PVC conduit from UPS DB to computer point. Each point to have 1 nos. 16 amps 5 pin modular type sockets, 1 No's 16 amps modular switch with all accessories, inner/ outer plates , metal box etc and to be fixed on wooden partitions/ by grouting on wall etc as per requirement at site. The switch should be fixed above the top of counter and sockets under the counter. or as directed by the engineer in charge for the rack supply in PA rack, CCTV b) Same as above but looped from the above 1st point to 2nd point (Maximum 2 points in a circuit)				
i	Primary Points	6.00	Nos.	800	4,800.00
ii	Secondary Points	18.00	Nos.	800	14,400.00
B	TELEPHONE SYSTEM				



Sr. No	Item Description	Qty	Unit	Rate	Amount
1	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	70.00	Nos.	900	63,000.00
2	Supplying, laying, effecting terminations, testing and commissioning of 0.51 mm dia Cu. Conductor, twisted, colour coded with polythene capor barrier, telephone cables in the existing tray or in conduit including providing & fixing conduit pipe or cable tray as required from building tag block to the floor as required each work station.	100.00	Mtr.	85	8,500.00
3	Supplying & fixing 50 pair krone tag block with enclosure.	2.00	Nos.	2400	4,800.00
4	Supplying & fixing 20 pair krone tag block with enclosure.	4.00	Nos.	1800	7,200.00
5	P/L 50 Pair of PVC insulated PVC sheathed multi core jelly filled armored telephone (CABLE FROM MAIN EPBAX ON TO KRONE BOX INCLUDING TERMINATIONS ON BOTH ENDS)	50.00	Mtr.	120	6,000.00
6	MDF with Krone Modules 50 pairs with connector	1.00	Nos	3900	3,900.00
7	Supplying, installing, testing & commissioning analogue type EPABX of 3 x 8 extension complete with CLI and Voice DISA (Direct inward station access) Expandable upto 32 Extension	1.00	Each	19000	19,000.00
8	Supplying, installing, testing & commissioning push button telephone instrument desk top/wall mount with caller ID unit as per specification complete.	26.00	Each	1200	31,200.00
C	COMPUTER NETWORKING/TV POINTS				
1	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point & termination at both ends.	60.00	Nos.	850	51,000.00
2	SITC of CAT-6 Wire including conduting,bends,clamping and termination of having from server room to individual server rack at each floor.	250.00	mtr	65	16,250.00
3	Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	4.00	Nos.	7500	30,000.00
4	Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	4.00	Nos.	9000	36,000.00
5	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	60.00	Nos.	200	12,000.00
6	Supplying and fixing Patch Cord-1 Meter-	60.00	Nos.	150	9,000.00
7	Supply and fixing of 1.6 mm thick G.I. Box along with RG 6 T.V Co axial socket with Cover Plate.	1.00	Nos.	1400	1,400.00
8	Supply, drawing, connecting, testing and commissioning of T.V Coaxial cable RG 6 in 25mm conduit.	1.00	RM	65	65.00
9	Providing & fixing HDMI cable from table to TV Point (conference room)	1.00	Nos.	1350	1,350.00



Sr. No	Item Description	Qty	Unit	Rate	Amount
D	CABLES, MAINS & SUBMAINS				
1	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½core 240 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	100.00	Mtr	1369	1,36,900.00
2	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½ core 35 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	25.00	Mtr	381	9,525.00
3	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½ core 50 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	20.00	Mtr	381	7,620.00
4	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½ core 70 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	50.00	Mtr	494	24,700.00
5	Supplying, erecting & terminating XLPE unarmoured cable 4 core 25 sq. mm. aluminum conductor with continuous 5.48 sq. mm. (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/ pole or laid in provided trench/ pipe.	150.00	Mtr	350	52,500.00
6	Supplying, erecting & terminating XLPE unarmoured cable 4 core 10 sq. mm. copper conductor continuous 5.48 sq. mm. (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/ pole or laid in provided trench/ pipe.	120.00	Mtr	650	78,000.00
7	Supplying, erecting & terminating XLPE unarmoured cable 4 core 6 sq. mm. copper conductor continuous 5.48 sq. mm. (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/ pole or laid in provided trench/ pipe.	50.00	Mtr	450	22,500.00
8	Supplying & erecting mains with 3x10 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking /inside pole/Bus bars or any other places.	50.00	Mtr	525	26,250.00
9	Supplying & erecting mains with 3x6 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places.	50.00	Mtr	400	20,000.00
10	Supplying & erecting mains with 3x4 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WGMA/BW	50.00	Mtr	250	12,500.00
E	CABLE TERMINATION				
1	SITC of LT cable termination with double comprssion gland & required size lugs for 3.5C x 240sqmm XLPE AL Cable.	8.00	Each	3500	28,000.00
2	SITC of LT cable termination with double comprssion gland & required size lugs for 3.5C x 35sqmm XLPE AL Cable.	4.00	Each	550	2,200.00
3	SITC of LT cable termination with double comprssion gland & required size lugs for 3.5C x 50sqmm XLPE AL Cable.	2.00	Each	650	1,300.00
4	SITC of LT cable termination with double comprssion gland & required size lugs for 3.5C x 70sqmm XLPE AL Cable.	4.00	Each	750	3,000.00



Sr. No	Item Description	Qty	Unit	Rate	Amount
F	LT Panel & DISTRIBUTION BOARD				
1	MAIN LT PANEL Supply Installation, testing and commissioning of Following Panels. The frame, of individual vertical panels shall be fabricated using pressed and cold rolled sheet steel. The sheet steel used for panel shall be of minimum 2mm (14SWG) CRCA (frame) except that the doors and covers may be made of 1.6mm (16SWG) CRCA. Wherever required, stiffeners shall be provided to increase stiffness of large size doors and covers. Bolted gland plates with minimum 3 mm thickness. Base frame shall be ISMC100 or 75 as per panel loading. Panels shall be floor or wall mounted as per size & weight. The bus bar shall be Aluminium with heat shrinkable sleeves for phase identification Cable entry from bottom/top. The cable & busbar having separate chamber for cable connection. The cable chambers shall be free from any live open connections. Inside the cubicles, the wiring for control, signalling, protection and instrument circuits shall be done with BIS/CPRI approved, PVC insulated, flame retardant type, copper conductor wire. The insulation grade shall be 1.1kV/660V. The wiring shall preferably be enclosed in plastic channels or neatly bunched together. All Indication lamp should be LED type. All openings, covers and doors shall be provided with neoprene Gaskets. All hardware shall be corrosion resistant. Seven-tank process shall be carried out before applying primer. Panels shall be powder coated Colour shade of final paint shall be as RAL7032 unless specified otherwise. Suitable removable type eye bolts shall be provided for the lifting of the panel/shipping section. Panel shall be indoor type IP54 rating.				
	Incomer : 1 Nos. x 400 A, FP,MCCB , 35 kA Including ON/OFF/TRIP & MFM meter. Incomer : 2 Nos. x 400 A, FP,MCCB , 35 kA Including ON/OFF/TRIP & MFM meter. Both incomer shall be interlock each other by electrically & mechanically. Bus bar : 1 set. x 415V, 50HZ, 400 A, 3PH+1N , 35 kA(1 SEC) AL Busbar marked as R, Y, B, N.All type of control supply shall be derived internally by vendor if required. Outgoing : 1 Nos x 250 A TP MCCB, 25 kA (For APFC Panel) Outgoing : 1 Nos x 200 A TP MCCB, 25 kA (For Fire pump Panel) Outgoing : 4 Nos x 100 A TP MCCB, 25 kA (For 1st, 2nd, 3rd & 4th Floor) Outgoing : 5 Nos x 63 A TP MCCB, 25 kA (for ground & Utility DB) Outgoing : 4 Nos x DOL feeder for 3.7 KW load (For Domestic water & STP Pump)	1.00	Each	350000	3,50,000.00
2	4-way TPN DB (Ground)	1.00	No.	7500	7,500.00
	Incomer:-				
	1 No. 63 Amp TPN (10 KA) MCB (minimum)				
	Outgoing:-				
	12 Nos. 6A/10A/16A (10 KA) SP MCB (Terminal Block needed for termination of outgoing wires) (minimum)				
3	12-way VTPN DB (1st floor)	1.00	No.	38000	38,000.00
	Incomer:-				
	1 No. 100 Amp TPN (10 KA) MCB (minimum)				
	Outgoing:-				
	24 Nos. 6A/10A/16A (10 KA) SP MCB (Terminal Block needed for termination of outgoing wires) (minimum)				



Sr. No	Item Description	Qty	Unit	Rate	Amount
4	8-way VTPN DB (2nd, 3rd & 4th floor)	3.00	No.	28000	84,000.00
	Incomer:-				
	1 No. 63 Amp TPN (10 KA) MCB (minimum)				
	Outgoing:-				
	24 Nos. 6A/10A/16A (10 KA) SP MCB (Terminal Block needed for termination of outgoing wires) (minimum)				
5	08-way SPN DB (gnd & 3rd Floor)	2.00	No.	6000	12,000.00
	Incomer:-				
	1 No. 32 Amp DP (10 KA) MCB (minimum)				
	Outgoing:-				
	06 Nos. 6A/10A/16A (10 KA) SP MCB (Terminal Block needed for termination of outgoing wires) (minimum)				
6	10-way SPN DB (1st & 2nd Floor)	2.00	No.	7500	15,000.00
	Incomer:-				
	1 No. 32 Amp DP (10 KA) MCB (minimum)				
	Outgoing:-				
	08 Nos. 6A/10A/16A (10 KA) SP MCB (Terminal Block needed for termination of outgoing wires) (minimum)				
7	Supply, installation of 63A TP RCCB with metal enclosure for VRF outdoor	4.00	Nos.	4500	18,000.00
8	Supply & installation of 63 Amp DP MCCB with metal enclosure for UPS Input	2.00	Nos.	3500	7,000.00
9	Supply & installation of 32 Amp DP MCCB with metal enclosure for UPS Input	1.00	Nos.	2500	2,500.00
G	(LIGHT & FAN FITTINGS & ACCESSORIES)				
1	Supplying and erecting LED circular 13 to 15W down lighter having pressure die-cast aluminum housing, opal translucent cover, mounting arrangement with board for surface type or spring loaded mounting clips for flush type complete with required fixing accessories as approved by Bank..	50.00	Nos	1300	65,000.00
2	Supplying and erecting square shaped CRCA /die-cast aluminium powder coated housing LED panel light (slim edge-lit) 600x600mm suitable for 36 W-40W with provision for plane front frame with translucent cover fixed to the housing complete with required fixing accessories as approved by Bank..	75.00	Nos	1900	1,42,500.00
3	Supplying & erecting LED 36W tube light fitting (4 feet) with aluminium housing, heat sink, integrated HF electronic driver complete with required fixing accessories as approved by Bank.	52.00	Nos	450	23,400.00
4	Supplying & erecting LED 20W tube light fitting (2 feet) with aluminium housing, heat sink, integrated HF electronic driver complete with required fixing accessories as approved by Bank.	25.00	Nos	150	3,750.00
5	Supply , installation of picture light fittings (Make Phillips 919215850797 or equivalent)	12.00	Nos	3500	42,000.00
6	Supply , installation of exit light fitting of 5w LED type.	10.00	Nos	2000	20,000.00
7	Supplying and erecting regular/ standard model ceiling fan of 1400mm. sweep complete erected with all fixing materials like white Polycarbonate 2 mm Hylem sheet cover, down rods, fan box as required etc. all complete in position as approved by Bank.	12.00	Nos	2500	30,000.00
8	Supplying and erecting regular/ standard model ceiling fan of 1200mm. sweep complete erected with all fixing materials like white Polycarbonate 2 mm Hylem sheet cover, down rods, fan box as required etc. all complete in position as approved by Bank.	10.00	Nos	2300	23,000.00



Sr. No	Item Description	Qty	Unit	Rate	Amount
9	Supplying and erecting regular/ standard model ceiling fan of 900mm. sweep complete erected with all fixing materials like white Polycarbonate 2 mm Hylem sheet cover, down rods, fan box as required etc. all complete in position as approved by Bank.	10.00	Nos	2100	21,000.00
10	Supply, installation, testing and commissioning of exhaust fans 18" (white colour) with all fixing materials like white Polycarbonate 2 mm Hylem sheet cover, down rods, fan box as required etc. all complete.	13.00	Nos	2500	32,500.00
11	Supply, installation, testing and commissioning of 18" exhaust fans (metal body) with all fixing materials as required etc. all complete (Make; almonard/crompton)	4.00	Nos	3200	12,800.00
12	Supplying and erecting HMS PVC conduit 20 mm dia. with PVC accessories on wall /ceiling as required.	150.00	Mtr	32	4,800.00
13	Supplying and erecting HMS PVC conduit 25 mm dia. with PVC accessories on wall /ceiling as required.	150.00	Mtr	45	6,750.00
H FLOOR -RACEWAYS / CABLE TRAYS:					
1	S & I of floor - raceways consisting of 1 Nos of 4" x 1.5"x 3mm thick rectangular aluminium anodized box sections including chasing and refilling as per the route shown in the drawing and as approved by consultant at site including clamping at every open pipe ends by suitable plastic end covers against entry of dust or anyother foreign material.	30.00	Mtr	550	16,500.00
2	S & I of floor - raceways consisting of 1 Nos of 2" x 1.5"x 3mm thick rectangular aluminium anodized box sections including chasing and refilling as per the route shown in the drawing and as approved by consultant at site including clamping at every open pipe ends by suitable plastic end covers against entry of dust or anyother foreign material.	65.00	Mtr	450	29,250.00
3	S & I of galvanised floor junction boxes with SS brushed finish 14 SWG (2mm Thick) cover properly fixed with screws, for above mentioned raceways , of size 150mm x 150mm x 2.5 mm depth, fabricated out of 2.5 mm thick G.I. sheet with proper cutouts on the sides for pipe entry & screwed top cover with rubber gasket and suitable knockouts for flexible conduit outlets as per the drawing enclosed.	6.00	Nos.	750	4,500.00
3	S & I of galvanised floor junction boxes with SS brushed finish 14 SWG (2mm Thick) cover properly fixed with screws, for above mentioned raceways , of size 75mm x 750mm x 2.5 mm depth, fabricated out of 2.5 mm thick G.I. sheet with proper cutouts on the sides for pipe entry & screwed top cover with rubber gasket and suitable knockouts for flexible conduit outlets as per the drawing enclosed.	12.00	Nos.	650	7,800.00
4	Providing & erecting Hot dipped galvanized perforated type cable tray manufactured from 16 swg (1.6 mm thick) GI sheet of 150 mm width & 75 mm height complete with necessary coupler plates & hardware in approved manner.	50.00	Mtr	614	30,700.00
5	Providing & erecting Hot dipped galvanized perforated type cable tray manufactured from 16 swg (1.6 mm thick) GI sheet of 300 mm width & 75 mm height complete with necessary coupler plates & hardware in approved manner.	25.00	Mtr	870	21,750.00



Sr. No	Item Description	Qty	Unit	Rate	Amount
I	EARTHING & ACCESSORIES				
1	Supplying and erecting annealed bare copper wire of high purity of required sizes used for earthing on wall with necessary copper clamps fixed on wall/cable/conduit with screws complete.	23.00	KG	844	19,412.00
2	Supplying and erecting GI strip of required size used for earthing on wall and/or any other purpose with necessary GI clamps fixed on wall painted with bituminous paint in an approved manner with joints required.	50.00	KG	222	11,100.00
3	Supplying & erecting conventional spike type air termination suitable to carry lightning stroke made up of heavy gauge 40 mm dia copper pipe of standard length with 5 Nos. copper spikes fixed on copper ball as air terminals duly threaded in copper pipe erected on provided foundation complete	2.00	Nos	6079	12,158.00
4	Supplying and erecting copper cable 1c x 6 sqmm used for earthing on wall with necessary copper clamps fixed on wall/cable/conduit with screws complete.	30.00	Mtr	175	5,250.00
J	UPS				
1	Supplying & erecting on line UPS with isolator pure sine wave of 30 kVA capacity 3 phase in & 1 phase out complete with standard features. UPS will be working on parallel operation.	2.00	Each	204000	4,08,000.00
3	SITC of 100AH SMF VRLA batteries with 2 rack, connectoe etc all complete required accessories. 5% year warranty must be required.	40.00	Nos	11150	4,46,000.00
K	PA SYSTEM				
1	Supplying, erecting, testing and commissioning 500 W amplifier suitable to operate on 230 Volts A.C. / 12 Volts D.C. supply complete as per approved bay bank.	1.00	Each	23000	23,000.00
2	Supplying, erecting, testing and commissioning stand mounted/handheld type wired microphone having 2 mV/Pa sensitivity, impedance level limit 300 ohms and 50 - 16000 Hz suitable to operate in -10 deg C to +55 deg C with min. 7 metre shielded cable and 3 Pin Professional XLR Connector, stereo jack complete as per specification.	1.00	Each	4500	4,500.00
3	Supplying, erecting, testing and commissioning 10 Watts sound column mounted complete as per approved by bank. Make-Bosch	6.00	Each	2000	12,000.00
4	Supplying, erecting, testing and commissioning 10 Watts sound ceiling mounted complete as per approved by bank. Make-Bosch	32.00	Each	1500	48,000.00
5	Supplying, installing, testing and commissioning approved make 2 core 1.5 sq. mm, PVC sheathed, FRLS PVC insulated copper armored cable on wall / ceiling etc. confirming to IS standards and specifications.	500.00	Mtr.	350	1,75,000.00
TOTAL AMOUNT					33,52,410.00



Sr. No	Item Description	Qty	Unit	Rate	Amount
6. FIRE FIGHTING WORK					
A	PUMPHOUSE EQUIPMENTS				
1	Supplying, installing, testing and commissioning with perfect aligning, proper levelling of fire service main single stage pump, of 1800 LPM at 76 m head centrifugal type, 50 HP (37 kW), 3 phase, 415 volt, 50Hz or of suitable HP all complete as per specification no. FF-MFP/SSC	2.00	No	194509.00	3,89,018.00
2	Supplying installing, testing, commissioning of Jockey Pump of 240 LPM at 56 m head, 3 ph. 440 A.C.15 HP, (11 kW) or of suitable HP with suitable Stages as per specification No. FF-MFP/JP all complete	1.00	No	7074.90	7,074.90
3	Supplying installing, testing & commissioning of Control Panel + cabling in the pumphouse including necessary electrical item as per specification all complete	1.00	No	183750.00	1,83,750.00
4	Supplying and installing G.I.pipe above ground of 'C' class ERW of size 200 mm dia with necessary fittings as per specification no. FF-PP all complete	6.00	Mtr	3757.95	22,547.70
5	Supplying and installing G.I.pipe above ground of 'C' class ERW of size 150 mm dia with necessary fittings as per specification no. FF-PP all complete	18.00	Mtr	2403.45	43,262.10
6	Supplying and installing G.I.pipe above ground of 'C' class ERW of size 75/80 mm dia with necessary fittings as per specification No. FF-PP all complete	6.00	Mtr	1201.20	7,207.20
7	Supplying and installing G.I.pipe above ground of 'C' class ERW of size 50 mm dia with necessary fittings as per specification No. FF-PP all complete	12.00	Mtr	757.05	9,084.60
8	Supplying and installing G.I.pipe above ground of 'C' class ERW of size 25 mm dia with necessary fittings as per specification no. FF-PP all complete	6.00	Mtr	423.15	2,538.90
9	Supplying and installing 200 mm dia end line strainer for +ve suction as per specification No. FF-VL/ELS all complete	1.00	No	13676.25	13,676.25
10	Supplying & Installing cast iron double flange butterfly valve of size 150 mm dia. as per specification No. FF-VL/BFV all complete	4.00	No	6305.25	25,221.00
11	Supplying and installing double flange Ball type NRV of size 150 mm dia as per specification No. FF-VL/NRV all complete	4.00	No	26979.75	1,07,919.00
12	Supplying and installing pressure gauge of 100 mm Ø., 0-300 PSI or 0-14 kg per cm square fitted with 12/15 mm Ø. pad cock valve, and G.I. pipe, elbow etc. as per requirement in an approved manner as per specification No. FF-FFA/PG all complete	4.00	No	799.05	3,196.20
13	Supplying and installing DANFOSS make pressure switch with 12/15 mm Ø isolation valve, G.I. nipple, elbow etc. in an approved manner as per specification No. FF-FFA/PS all complete	4.00	No	1680.00	6,720.00
14	Supplying and installing Air Vessel of 300 mm Ø 1.5m in height M.S. tank installed inside pump house as per specification No. FF-FFA/ACT all complete	1.00	No	11924.85	11,924.85
15	Supplying and erecting 20/25mm Ø G.M.air release cock, with necessary G.I. coupling to be fitted on top of Air vessel or on wet riser as per specification No. FF-FFA/ARV all complete	1.00	No	799.05	799.05
	TOTAL				8,33,939.75



Sr. No	Item Description	Qty	Unit	Rate	Amount
B	EXTERNAL HYDRANT SYSTEM				
1	Supplying and installing G.I.pipe above ground of 'C' class ERW of size 150 mm dia with necessary fittings as per specification no. FF-PP all complete	90.00	Mtr	2403.45	2,16,310.50
2	Supplying and installing G.I.pipe above ground of 'C' class ERW of size 75/80 mm dia with necessary fittings as per specification No. FF-PP all complete	3.00	Mtr	1201.20	3,603.60
3	Supplying & Installing cast iron double flange butterfly valve of size 150 mm dia. as per specification No. FF-VL/BFV all complete	1.00	No	6305.25	6,305.25
4	Supplying and installing gun metal SS single outlet hydrant valve fitted with necessary accessories complete as per specification No. FF-VL/HV all complete	3.00	No	5562.90	16,688.70
5	Supplying fire fighting C.P. (controlled percolation) Hose pipe, 63mm dia, 15m in length, fitted with necessary accessories complete as per specification no. FF-FFA/CPH all complete	3.00	No	4113.90	12,341.70
6	Supplying SS branch Pipe 63 mm Ø fitted with 20 mm dia detachable hexagonal nozzle as per specifications No. FF-FFA/NEW all complete	3.00	No	1909.95	5,729.85
7	Supplying and erecting 20/25mm Ø G.M.air release cock, with necessary G.I. coupling to be fitted on top of Air vessel or on wet riser as per specification No. FF-FFA/ARV all complete	1.00	No	799.05	799.05
8	Supplying and installing fire brigade Header of 150 mm Ø, for supplying water in fire tank as per specification No. FF-FA/FBC all complete	1.00	No	9009.00	9,009.00
9	Supplying and installing fire brigade Header (Siamese Connection) of 150 mm Ø for supplying water to wet riser system as per specification No. FF-FFA/SMC all complete	1.00	Nos	11088.00	11,088.00
				TOTAL	2,81,875.65
C	INTERNAL HYDRANT SYSTEM				
1	Supplying and installing G.I.pipe above ground of 'C' class ERW of size 150 mm dia with necessary fittings as per specification no. FF-PP all complete	30.00	Mtr	2403.45	72,103.50
2	Supplying and installing G.I.pipe above ground of 'C' class ERW of size 75/80 mm dia with necessary fittings as per specification No. FF-PP all complete	5.00	Mtr	1201.20	6,006.00
3	Supplying & Installing cast iron double flange butterfly valve of size 150 mm dia. as per specification No. FF-VL/BFV all complete	5.00	No	6305.25	31,526.25
4	Supplying and installing double flange Ball type NRV of size 150 mm dia as per specification No. FF-VL/NRV all complete	5.00	No	12901.35	64,506.75
5	Booster Pump of 900 LPM at average 40 m Head, 12.5 HP either Monoblock or of suitable HP with suitable Stages. all complete	1.00	No	59836.35	59,836.35
6	Supplying and installing gun metal SS single outlet hydrant valve fitted with necessary accessories complete as per specification No. FF-VL/HV all complete	5.00	No	5562.90	27,814.50



Sr. No	Item Description	Qty	Unit	Rate	Amount
7	Supplying and erecting M.S./CRCA cabinet for housing single hydrant valve (size 400 x 400 x 400mm.) made from 16 SWG sheet and angle iron 25 mm. x 25 mm. x 4 mm. having front doors with viewing glass (8"x6") and locking arrangement with necessary fixing material such as rubber bidding etc. duly painted in post box red colour. all complete	5.00	No	5151.30	25,756.50
8	Supplying and installing wall mounting swinging Hose reel drum fitted with 19 mm dia. 30m high pressure polypropylene (Polyhose) long fitted with necessary accessories complete as per specification No. FF-FFA/HV all complete	5.00	No	6912.15	34,560.75
9	Supplying SS branch Pipe 63 mm Ø fitted with 20 mm dia detachable hexagonal nozzle as per specifications No. FF-FFA/NEW all complete	5.00	No	1909.95	9,549.75
10	Supplying and erecting one no. Brass orifice plate having 6 mm. thickness, 140 mm outer dia of 140 mm at every single outlet hydrant valve as per specification No. FF-FFA/OP all complete	5.00	No	963.90	4,819.50
11	Supplying and erecting 20/25mm Ø G.M.air release cock, with necessary G.I. coupling to be fitted on top of Air vessel or on wet riser as per specification No. FF-FFA/ARV all complete	1.00	No	799.05	799.05
				TOTAL	3,37,278.90
D	SPRINKLER SYSTEM				
1	Supplying and installing G.I.pipe above ground of 'C' class ERW of size 150 mm dia with necessary fittings as per specification no. FF-PP all complete	6.00	Mtr	2403.45	14,420.70
2	Supplying and installing G.I.pipe above ground of 'C' class ERW of size 100 mm dia with necessary fittings as per specification no. FF-PP all complete	18.00	Mtr	1640.1	29,521.80
3	Supplying and installing G.I.pipe above ground of 'C' class ERW of size 75/80 mm dia with necessary fittings as per specification No. FF-PP all complete	18.00	Mtr	1201.2	21,621.60
4	Supplying and installing G.I.pipe above ground of 'C' class ERW of size 50 mm dia with necessary fittings as per specification No. FF-PP all complete	30.00	Mtr	757.05	22,711.50
5	Supplying and installing G.I.pipe above ground of 'C' class ERW of size 25 mm dia with necessary fittings as per specification no. FF-PP all complete	180.00	Mtr	423.15	76,167.00
6	Supplying and erecting 15 mm (½") dia. NBCM Body chrome finished quartzoid bulb sprinkler having 68° C fixed temperature rating with deflector disc of conventional construction as per specification No. FF-SPR all complete	75.00	No	455.7	34,177.50
7	Supplying & erecting vane type water flow detector suitable for detecting flow of water in wet sprinkler pipe of main line or branch lines of 75/80 mm dia having following features 1) Visual Switch Activation 2) Rugged Switch Assembly 3) Heavy Duty Aluminium pipe Saddles 4) Durable Metal Encloser 5) Steel U Bolts For Secure Mounting 6) Two SPDT (Single Pole Double Track) Synchronised Switches 7) Serviceable Without Draining Pipes all complete	1.00	No.	7030.8	7,030.80
8	Supplying and erecting 20/25mm Ø G.M.air release cock, with necessary G.I. coupling to be fitted on top of Air vessel or on wet riser as per specification No. FF-FFA/ARV all complete	1.00	No	799.05	799.05



Sr. No	Item Description	Qty	Unit	Rate	Amount
9	Supplying & Installing cast iron double flange butterfly valve of size 150 mm dia. as per specification No. FF-VL/BFV all complete	1.00	No	6305.25	6,305.25
10	Supplying & Installing cast iron double flange butterfly valve of size 100 mm dia. as per specification No. FF-VL/BFV all complete	1.00	No	3962.7	3,962.70
11	Supplying & Installing cast iron double flange butterfly valve of size 75/80 mm dia. as per specification No. FF-VL/BFV all complete	1.00	No	3067.05	3,067.05
				TOTAL	2,19,784.95
E	FIRE ALARM SYSTEM				
1	Supplying, installing, testing and commissioning heat detector complete on box as per specification no. FF-FAS/HD all complete	6.00	Each	1695.75	10,174.50
2	Supplying, installing, testing and commissioning optical type smoke detector complete on box as per specification no. FFFAS/SD all complete	18.00	Each	1818.6	32,734.80
3	Supplying, installing, testing and commissioning manual call point (Pill box) with break glass push button in metal enclosure complete as per specification no. FF-FAAS/MCP all complete	4.00	Each	571.2	2,284.80
4	Supplying, installing, testing and commissioning hooters with CRCA enclosure complete as per specification no. FF-FAAS/HTR all complete	4.00	Each	672	2,688.00
5	Supplying, installing, testing and commissioning remote response indicators complete as per specification no. FF-FAAS/RR1 all complete	1.00	Each	219.45	219.45
6	Supplying, installing, testing and commissioning FR, XLPE armoured cable 2 core 1.5 sq.mm. copper conductor complete erected on wall/ ceiling complete as per specification no. CBLT/CU all complete	250.00	Meter	101.85	25,462.50
7	Supplying, installing, testing and commissioning of 2 Zones Microprocessor based conventional fire alarm control panel (FACP) with standard accessories complete as per specification no. FF-FAAS/FACP all complete	1.00	Each	18467.4	18,467.40
8	Supplying, erecting, testing and commissioning amplifier 120 W for public address system suitable to operate on 230 Volts A.C. / 12 Volts D.C. supply complete as per specification no. FFPA/AFR all complete	1.00	Each	17999.1	17,999.10
9	Supplying, erecting, testing and commissioning sound column 15 Watts complete as per specification no. FF-PA/SOC all complete	4.00	Each	2736.3	10,945.20
10	Supplying, erecting, testing and commissioning table stand for microphone complete.	4.00	Each	1163.4	4,653.60
11	Supplying, erecting, testing and commissioning of 1 sq mm speaker wire all complete.	225.00	meter	52.5	11,812.50
				TOTAL	1,37,441.85
F	EXTINGUISHERS				
1	Supply & Installation of ABC Type 6 kg with indicating gauge all complete as directed by Engineer in Charge	10.00	No	2340	23,400.00
2	Supply & Installation of Fire Buckets of 9 lit. water capacity filled with sand with stand all complete as directed by Engineer in Charge at D.G. & Transformer Yard .	6.00	No	810	4,860.00



Sr. No	Item Description	Qty	Unit	Rate	Amount
				TOTAL	28,260.00
	SUMMARY				
A	PUMPHOUSE EQUIPMENTS				8,33,939.75
B	EXTERNAL HYDRANT SYSTEM				2,81,875.65
C	INTERNAL HYDRANT SYSTEM				3,37,278.90
D	SPRINKLER SYSTEM				2,19,784.95
E	FIRE ALARM SYSTEM				1,37,441.85
F	EXTINGUISHERS				28,260.00
				TOTAL AMOUNT	18,38,581.10



Sr. No	Item Description	Qty	Unit	Rate	Amount
7. INTERIOR WORK					
1	P/F plain Gypsum board false ceiling with Gypsteel G.I. Framework & 12.5 mm. Thk. Gypsum boards.	125.00	sqm	709.50	88,687.50
	Providing & fixing suspended false ceiling consisting of 12.5mm. thk. Gypsum boards suspended on G.I. framework to consists of G.I. perimeter channels 0.55mm thk.x20mm.x30mm. along the perimeter of false ceiling; screw fixed to wall/partition with nylon sleeves & screws @ 600mm. c/c. Suspending Gl. Intermediate channels of size 0.9mm thk.x45mmx15mm. from the soffit at max. distance 1220mm. c/c with ceiling angle 0.55mm. thk. x25mm.x10mm. Fixed to soffit using proprietary supplied Gl. Cleats & steel expansion fasteners.				
	Ceiling section 0.55mm thk. web size 51.5mm & flanges 26mm. Each & 10.5 mm. lips fixed perpendicular to intermediate channel at 457mm. c/c. using connecting clips.				
	Gypsum board is screw fixed to ceiling section with 25mm. drywall screws at 230mm. c/c. boards to be finished with proprietary supplied jointing tape & jointing compound & sand papered to achieve a smooth finish etc. complete or as per directions.				
	Rate should include all types of cut-outs, drops / coving, grooves & plain troughs for tube lights as directed by the Architect. The rate shall include cost of providing support framework formed of perimeter channels for fixing light fixtures, A.C. grills/diffusers etc. Also to provide concealed perimeter channel support as required to support modular grid ceiling sections at junction between false ceiling & modular grid tile ceiling.				
2	P/F modular type of false ceiling.	706.00	sqm	946.00	6,67,876.00
	Make:- Armstrong-Classic light or equivalent AMF tile.				
	Providing & fixing 600x600 modular ceiling tile with required powder coated framework as per the manufacturers instructions. The suspension system shall be the Armstrong Trulok Silhouette revealed profile grid system with 15 mm wide flanges incorporating a 3mm or 6 mm central recess colour, black or white revealed. Silhouette main runners and cross tees to have mitered ends with "birds mouth" notches to provide mitered cruciform junctions. The item should include all necessary material & labor required for fixing the ceiling at given height.				
	Framework requirements are as follows:-				
	Framework type = 15 mm (nominal) Silhouette designer grid system with main runner with Black reveal & Tegular tile edge				
	Tile requirements are as follows:-				
	Sound absorption (NRC) = 0.5				
	Sound attenuation (Dncw) = 30 db				
	Light Reflectance = 84%				
	Humidity Resistance = 95% RH				
	Fire performance (Reaction & Resistance)				



Sr. No	Item Description	Qty	Unit	Rate	Amount
3	SOLID PARTITIONS.				
a	P/F solid partition finished with -				
	i. both side laminate finish	148.11	sqm	3,254.90	4,82,083.24
	ii. one side laminate & other side Paint finish (For UPS and Store Room)	44.87	sqm	2,792.90	1,25,303.46
	Providing & fixing solid partitions made up of 18 guage 50 x 50 mm Al section framework at 600 mm c/c both ways (210 gms /rft.); covered with 12 mm. thk. interior grade 1st quality particle board from both sides. Partition should be finished with specified finish as per design. Exposed edges of the partition should have 75x12 mm matching wood Patti with groove in between. This Patti should be finished with Melamine polish etc. complete all as directed by Bank's Engineer. Paint on one side includes two coats of putty and OBD as instructed by Engineer in charge				
	All provisions to be made for all electrical, networking, telephone etc. boxes onto partition framework at required heights/levels with necessary additional supports &/or scaffolding as required. The rate includes all necessary hardware & cleaning of partition to the satisfaction of the Bank's Engineer etc. complete.				
4	GLAZED PARTITIONS				
a	P/F semi-glazed partition finished with -				
	i. 6 mm thk. Glass with both side laminate (full height)	121.91	sqm	3,254.90	3,96,813.00
	ii. 12 mm thk. Glass with both side laminate - low height partition	1.00	sqm	3,254.90	3,254.90
	Providing & fixing partitions made up of 18 guage 50 x 50 mm Al section framework at 600 mm c/c both ways (210 gms /rft.); covered with 12 mm. thk. interior grade 1st quality particle board from both sides for solid part. 6/12 mm thk. clear glass should be fixed using melamine polished matching wood beading patti; flushed with the finished surface of the partition. Partition should be finished with specified finishing material as per design. Exposed edges of the partition should have 75x12 mm matching wood Patti with groove in between. This Patti should be finished with Melamine polish etc. complete as directed by Bank's Engineer				
	All provisions to be made for all electrical, networking, telephone etc. boxes onto partition framework at required heights/levels with necessary additional supports &/or scaffolding as required. The rate includes all necessary hardware & cleaning of partition to the satisfaction of the Bank's Engineer etc. complete.				
	Exposed edges of the glass should be finished with plain diamond edge polish.				
5	PANELLINGS				
a	P/F paneling with framework finished with -				
	i. Laminate	415.64	sqm	2,090.00	8,68,684.99
	Providing & fixing solid paneling made up of 18 guage 50 x 25 mm Al section framework at 600 mm c/c both ways; covered with 12 mm thk. interior grade 1st quality particle board from one side. Paneling should be finished with specified finishing material as per design. Paneling surface shall be secured to wall &/or column surface using screws etc. complete as per design.				



Sr. No	Item Description	Qty	Unit	Rate	Amount
	All provisions to be made for all electrical, networking, telephone etc. boxes onto paneling framework at required heights/levels with necessary additional supports &/or scaffolding as required. The rate includes all necessary hardware & cleaning of paneling to the satisfaction of the Bank's Engineer etc. complete.				
	The item includes straight & curved shaped paneling. It also includes 75 mm wide melamine polished T.W. moulding running all along the panelling (if asked in design)				
	The panelling includes 18 mm thk. plywood shutters &/or trap doors (to access services inside) with necessary hardware & dead lock & finished with matching finish.				
6	DOORS				
a	P/F Solid doors with vision panel (300x300)				
	i. both side laminate finished.	77.49	sqm	4,070.00	3,15,384.30
	ii. one side laminate & other side painted	1.00	sqm	3,608.00	3,608.00
	Providing & fixing solid door to partition made out of 1 1/2" flush door finished with specified material. T.W. lipping of door should be finished with melamine polish of approved shade. The door should be fitted with 5"x1.25" brass hinges to the partition as per design & necessary fixtures like door closer, cylindrical locks, door stoppers, tower bolts should be fitted on it, vision panel, with necessary hardware etc. complete as per design.				
b	P/F Semi glazed doors with -				
	i. both side laminate finished.	9.45	sqm	4,070.00	38,461.50
	Providing & fixing semi glazed door to partition made out of 1 1/2" flush door finished with specified finishing material & 6 mm. thk. clear glass panel fixed in T.W. beading of size 1"x1/2" & flushed with finished surface of door. T.W. beading & lipping of door should be finished with French polish/ melamine polish of approved shade. The door should be fitted with 5"x1.25" brass hinges to the partition as per design & necessary fixtures like door closer, cylindrical locks, door stoppers, tower bolts should be fitted on it with necessary hardware etc. complete as per design.				
c	P/F full height glass partition: Providing & fixing main door & partition made up of 12 mm thk. Clear toughened glass shall be fixed in.Ozon / Enox make patch fitting with necessary hardware.With application of sealant from all sides. Edge polish for all exposed sides of glass. Complete as per design Door size 7'0" x 3'0" - Providing & fixing main door made up of 12 mm thk. Clear toughen glass shall be fixed in.Ozon / Enox make patch fitting with necessary hardware like floor spring, 12" S.S. finished decorative handle pair,& locking arrangment. Edge polish for all exposed sides of glass. Complete as per design	18.27	sqm	3,300.00	60,291.00
d	P/F solid flush doors for toilets with both side laminate finish	33.39	sqm	3,850.00	1,28,551.50
	Providing & fixing solid door to partition made out of 1 1/2" flush door (BWR grade) finished with 1.00 mm. thk. laminate. T.W. lipping of door should be finished with french polish of approved shade. The door should be fitted with 5"x1.25" brass hinges to the partition as per design & necessary fixtures like door closer, cyllindrical locks, door stoppers, tower bolts should be fitted on it with necessary hardware etc. complete as per design.				



Sr. No	Item Description	Qty	Unit	Rate	Amount
e	P/F Shutter with frame (to close the nitch, below counter etc.)	1.00	sqm	1,320.00	1,320.00
	Providing & fixing solid door to partition made out of 1 1/2" flush door (BWR grade) finished with 1.00 mm. thk. laminate. T.W with frame made up of 18 mm thk. plywood as per design. Lipping of door should be finished with french polish of approved shade. The door should be fitted with 5"x1.25" brass hinges to the framework as per design & necessary fixtures like tower bolts, cupboard lock, handles should be fitted on it with necessary hardware etc. complete as per design.				
	The shutters should be provided with T.W. louvers as per design.				
7	Laminte finished tables				
	a. P/F D.G.M.Table with side unit & pedestal unit	2.00	Nos	22,990.00	45,980.00
	Size :- 1650 x 750 x 750 (ht) - table				
	With 10 mm thick glass on top with edges diamond polish on all sides				
	b. P/F A.G.M. Table with side unit & pedestal unit	2.00	Nos	20,900.00	41,800.00
	Size :- 1500 x 750 x 750 (ht) - table				
	With 10 mm thick glass on top with edges diamond polish on all sides				
	c. P/F C.M. tables with side units	7.00	Nos	19,800.00	1,38,600.00
	Size :- 1350 x 600 x 750 (ht) - table				
	With 10 mm thick glass on top with edges diamond polish on all sides				
	Specification of Tables: Providing & keeping table made up of 18 mm. thk. Plywood framework & 12 mm thick back finished with 1.0 mm thk. Laminate externally & oil paint internally and polish or paint to lipping Patti. The table shall be provided with readymade metal Key Board drawer with mouse pad and should have approved by the Architect. The rate of item includes all necessary hardware like cable managers & ready made metal C.P.U. trolley/ wooden, separate wooden foot rest etc. complete as per design.				
	375 mm wide pedestal unit in same finish should be provided with 100 mm high drawer at top and openable shutter below with all required hardware, SS finished handles & locks etc. complete				
	Specifications of side unit (Where ever applicable)Size :- 900 x 400 x 750 (ht) -				
	1.0 mm. Laminte finished.				
	Providing & fixing side unit made up of 18mm. thk. plywood framework/shelves & 6mm. thk. plywood as backing. Side unit should have 2 no. of drawers above & openable shutters below. Drawers should be made up of 18 thk. Plywood facia, 12 thk. Plywood sides & 6 thk. Plywood bottom. Drawers should be mounted on heavy duty drawer sliders. Side unit should be finished with 1.0 mm. thk. Laminate / melamine polished veneer of approved shade & colour on external surface & oil paint / french polish to non laminated/veneered surface. All exposed edges of 18 thk. & 12 thk. Plywood should have lipping Patti. All lipping Patti's should be finished with matching colour zinc polish / french polish on it. The cost should include necessary hardware, handles, locks with common handles, locks with common key for set of drawers etc. complete as per design.				



Sr. No	Item Description	Qty	Unit	Rate	Amount
8	P/F Conference Table (VC Room) Size :- 3000 x 1050 x 750 (ht)	1.00	Nos	33,000.00	33,000.00
	Providing & fixing the conference table with 18 mm thick plywood structure and finished with laminate of approved texture on exposed surface and melamine polish (glosy/matt) with all accessories and provision for electrical, networking, telephone, etc, cut out for pop-up and all necessary hardware edges of top shall be covered with 2nd class BT wood and finished with melamine polish, etc. all as per direction of Bank's Engineer.				
9	P/F storage units (400 mm deep) finished with -				
	a. low height with laminate	0.90	sqm	6,213.90	5,592.51
	b. full height with laminate	90.26	sqm	6,213.90	5,60,866.61
	Providing & fixing storage units made up 18 mm. thk. plywood framework & shelves, 6/12 mm. thk. Plywood/ Flexi ply back as required as per design.				
	Good quality block board shutters for low height storage & flush door shutters for full height storage should be fixed on brass hinges. Storage units should be finished with specified finishing material from external side & oil paint / french polish to other surfaces. All exposed edges of plywood should have lipping Patti on it. Lipping Patti should be finished with matching colour zinc polish or melamine polish on it. The cost should include necessary handles, magnetic catches, locks etc. complete as per design.				
	For full height storages; 25 mm thk. Full height Plywood doors shall be provided.				
10	P/F Running counter	55.00	rmt	6,820.00	3,75,100.00
	Providing fixing table made up of 18mm thk. Plywood framework and 18mm, 12mm & 6mm plywood for drawers as per detail drawing. Item includes 6 mm flexiply for apron.				
	The table shall be provided with ready made key board drawers, ready made metal C.P.U. trolley & 15" wide set of 4" high drawer + cabinet- For each person . The table should have necessary holes of required size for wire managers. The table should be finished with 1.0mm. Thk. Laminate of approved colour & shade from external side and oil paint from inside. All the exposed edges of plywood including lower edges should have lipping Patti. Lipping Patti should be finished with French polish. The cost should include necessary hardware, handles & drawer locks, C.P.U. trolleys etc. complete as per design. The cost includes 10mm thick glass partition between each person with edges diamond polished and shape as per design				
11	P/F soft boards / part white laminated board to partiion of tables	33.00	sqm	880.00	29,040.00
	P/F soft board made up of 12 mm. Thk. Soft board mounted on 12mm thk. Comm. Plywood & wrapped with cloth of approved colour, shade & quality. The notice board shall have 1 1/2" x 1/2" lipping Patti to all sides with polish on it. The notice board shall be fixed on wall &/or partition as per direction.				



Sr. No	Item Description	Qty	Unit	Rate	Amount
12	P/F Roller blinds.	222.00	sqm	935.00	2,07,570.00
	Providing & fixing Vista or equivalent make venetian Roller blinds made up of powder coated channel & other imported components and 4" wide rayon polyester fabric of approved shade & colour. Blinds should be mounted on partition, wall using wall mounted or ceiling mounted channels as per requirement.				
13	P/F frosted film.	60.96	sqm	354.20	21,590.70
a.	P/F matt white film (frosted) of 3 M make in strip form on existing glass etc. complete as per design.				
b.	P/F Sun Control film of 50 % filter of sunrays of Garware make	1.00	sqm	236.50	236.50
14	PAINTING WORK				
a	P/A Luster paint.	2082.43	sqm	236.50	4,92,494.10
	Providing & applying two coats of luster paint of Berger/Asian or equivalent make; approved by the Architect; on wall & ceiling surface. The surface to be painted shall be prepared to the satisfaction of the Architect. The surface shall be applied with two coats of primer, two coats of putty & touch up putty if required to achieve smooth finish. The item rate shall be inclusive of scaffolding, tools & tackles required for the painting work.				
b	P/A oil paint.	222.53	sqm	117.70	26,191.78
	Providing & applying two coats of enamel paint of Berger/Asian or equivalent make; approved by the Architect; on walls, ceilings, grills & flush doors. The surface to be painted shall be prepared to the satisfaction of the Architect. The surface shall be applied with two coats of primer, two coats of putty & touch up putty if required to achieve smooth finish. The item rate shall be inclusive of scaffolding, tools & tackles required for the painting work.				
c	P/A OBD paint	669.35	sqm	94.60	63,320.71
	Providing & applying two coats of OBD paint of Berger/Asian or equivalent make; approved by the Architect; on walls, ceilings, grills & flush doors. The surface to be painted shall be prepared to the satisfaction of the Architect. The surface shall be applied with two coats of primer, two coats of putty & touch up putty if required to achieve smooth finish. The item rate shall be inclusive of scaffolding, tools & tackles required for the painting work.				
15	P/A Electrical Panel Boxing with louvers	25.08	sqm	3,300.00	82,775.92
	P & F of existing Electrical panel boxing using 18mm ply on the sides and front shutters with TW louvers, inclusive of all fittings, hinges, handles, locking system, magnetic catch etc complete.				
TOTAL AMOUNT					53,04,478.22



Sr. No	Item Description	Qty	Unit	Rate	Amount
8. FURNITUREWORK					
Sr. No	Item Description	Qty	Unit	Rate	Amount
1	Highback Chairs 1. Pedestal Base: Chrome finish with Nylon Caster Wheels minimum 50 – 70 mm diameter. (Make – Surya / Starshine) 2. Chair Type: 360-degree swivel, posture control with multilocking position synchronized mechanism. (Make: Surya) 3. Seat Design: Ergonomic 4. Arm Material: PU foam bonded chrome coated: 5. Arm Type: Adjustable 6. Number of Arm Movement: 08 (Up & Down, Left & right, swivel and front & back). 7. Type & Material for Back Rest: Push back type with Mesh Fabric & separate adjustable headrest. 8. Seat Material & type: PU foam covered with mesh fabric with sliding function. 9. Type of backrest: External & adjustable Lumber Support. 10. Dimensions: i. Overall Chair Height \pm 15 mm: 1310 mm ii. Backrest Height \pm 15 mm: 730 mm iii. Backrest Height \pm 10 mm: 520 mm iv. Seat Height \pm 15 mm: 520 mm v. Seat Width \pm 10 mm: 520 mm vi. Seat Depth \pm 10 mm: 480 mm vii. Height Adjustment \pm 5 mm: 100 mm (Gaslift: Class 4 category) viii. Thickness of MS plate joining under structure with seat: 5 mm ix. Thickness of plywood used in seat \pm 1 mm: 15 mm x. Thickness of Polyurethane foam used in seat \pm 2 mm: 55 mm	15.00	Nos	12650	1,89,750.00
2	Medium lumbar support chair: 1. Pedestal Base: Nylon / MS Base with Nylon Caster Wheels minimum 50 – 70 mm diameter. (Make – Surya / Starshine) 2. Chair Type: Synchronized mechanism (Make: Surya) 3. Seat Design: Ergonomic 4. Arm Material: Propylene 5. Arm Type: Fixed 6. Type & Material for Back Rest: Push back type with Inner Frame Upholstered with mesh fabric and mounted on main assembly. 7. Seat Material & type: PU foam covered with mesh fabric. 8. Type of backrest: External & adjustable Lumber Support. 9. Dimensions: i. Overall Chair Height \pm 15 mm: 860 mm ii. Backrest Height \pm 15 mm: 500 mm iii. Backrest width \pm 10 mm: 440 mm iv. Seat Height \pm 15 mm: 420 mm v. Seat Width \pm 10 mm: 440 mm vi. Seat Depth \pm 10 mm: 420 mm vii. Height Adjustment \pm 5 mm: 120 mm (Gaslift: Class 4 category) viii. Thickness of MS plate joining under structure with seat: 2.2 mm ix. Thickness of plywood used in seat \pm 1 mm: 12 mm x. Thickness of Polyurethane foam used in seat \pm 2 mm: 45 mm	139.00	Nos	4950	6,88,050.00



Sr. No	Item Description	Qty	Unit	Rate	Amount
3	Sofa 3 + 1 + 1: Providing & fixing Sofa Set 3+1+1 Brown and Cream leather DIMENSION Length: 182.5 (cms) Breadth (cms): 100 (cms) Height (cms): 100 (cms) Weight (Kilograms): 66 (Kilogram) Seating Capacity: Five Seat	3.00	Nos	41196.48	1,23,589.44
4	SS Seats 3 Nos Unit : Providing, supplying and placing of waiting Chair. SEAT/BACK SHELL: It is powder-coated shell made from cold rolled M.S. sheet 0.12 ± 0.013 cm thickness with circular perforations. The Side Bar is made of cold rolled M.S. sheet 0.12 ± 0.013 cm thickness. The Shell is assembled on the Cross Beam with help of M8 Bolts. SEAT SIZE : 50.0 cm (W) x 45.5 cm (D) BACK SIZE : 50.0 cm (W) x 56.0 cm (H) CROSS BEAM: It is made up of cold rolled steel with 0.2 ± 0.02 cm thickness. The crossbeam is powder coated. It is covered with plastic end caps LEG: It is made up of cold rolled steel with 0.12 ± 0.013 cm thickness. It is powder coated. The legs are fitted with leveller cups covered with SS304 sheet. ARMREST: It is made of SS304 round tube of Ø 3.175 ± 0.03cm x 0.12 ± 0.013 cm thick formed to make an oblong shape. WIDTH (W): 173.5 CM. DEPTH (D): 74.0 CM. HEIGHT (H): 91.0 CM SEAT HEIGHT (SH): 44.0 CM	6.00	Nos	9350	56,100.00
5	Dining Chairs: Providing approved colour the seat and back shall be injection moulded in Polypropylene. They shall be fitted on the understructure assembly and shall be fixed with screws complete and approved by Architect/ Clients. Approximate Back Size shall be: 42.0cm. (W) X 38.5 cm. (H). and Approximate Seat Size shall be: 46 cm. (W) X 39.5 cm. (D). The understructure assembly shall be made of MSERW PIPE PIPE: Dia 19x1.6 and silver powder coated (DFT 40-60 microns). Overall Dimensions of Chair shall be Seat Height - 46.5 cm, Height - 83.0cm, Width & Depth of Chair as measured from base - Width-42.0cm and Depth-46 cm. Dimensions tolerance / variations shall be within +/- 1 cm.	42.00	Nos	4950	2,07,900.00
6	Side Table @ 400LX 400DX 415H : Providing and Fixing Bed Side Table of size 400LX 400DX 415H The bed side unit is made up of 18mm thick Prelam Particle Board with both side decorative laminate. All exposed edges are sealed with 2mm thick PVC edge Banding. The bed side table has one drawer and one shelf. The shelf is made of 18mm thick Prelam Particle Board with both side decorative laminate. All exposed edges are sealed with 2mm thick PVC edge Banding	6.00	Nos	6657.04	39,942.24
7	Central Table: Providing and Fixing Central Table With MS Understructure with Toughened Glass top, 1200 x 750 x 450H 12mm thick toughened glass top with MS powder coated understructure (25x25 tube section). Free from burrs & sharp edges	4.00	Nos	7041.1	28,164.40



Sr. No	Item Description	Qty	Unit	Rate	Amount
8	<p>Providing and fixing Double Bed with mattress and pillow. Understructure: - The legs are made of Square tube of size 25 x 25mm made out of MS with a thickness of 1.2 mm. The legs should have corner brackets welded to it at two levels. The corner brackets are made of 2mm thick CRCA having a L shaped structure to join the side panels and headboard to the leg. Three nos. of Horizontal stiffeners are provided at equal intervals. The stiffeners are made of Square tube of size 25 x 25mm made out of MS with a thickness of 1.2mm. The middle Horizontal Stiffener has a leg attached to it to transfer the load to the ground and add to the strength and stability of the complete structure. This leg is also made of Square tube of size 25 x 25mm made out of MS with a thickness of 1.2mm. All Metal components to undergo 7 tank treatment process and should be powder coated to the thickness of minimum 50 Microns DFT. Side Panel: - The side panels are made up of 18mm thick Prelam Particle Board with both side decorative laminate. All exposed edges are sealed with 2mm thick PVC edge Banding. The overall width of the side panel is 150mm. The side panels have 18mm thick prelam particle board Baton running for required length to add rigidity to the structure. Head Board :- The head board is made up of 18mm thick Prelam Particle Board with both side decorative laminate. All exposed edges are sealed with 2mm thick PVC edge Banding. The head board size to be considered as 1000 x 650mm. Foot Board :- The foot board is made up of 18mm thick Prelam Particle Board with both side decorative laminate. All exposed edges are sealed with 2mm thick PVC edge Banding. The head board size to be considered as 1000 x 450mm.</p>	3.00	Nos	40283.36	1,20,850.08
9	<p>Cupboard Providing and Fixing Wardrobe with Mirror of size 900LX 600DX 1965H:</p> <p>The wardrobe side panels and doors are made up of 18mm thick Prelam Particle Board with both side decorative laminate. All exposed edges are sealed with 2mm thick PVC edge Banding. The shelves are made of 18mm thick Prelam Particle Board with decorative laminate on both sides. The top is made of 36mm prelam particle board with decorative laminate on both sides. (18mm Prelam Particle board and 18mm batons on all sides to achieve 36mm overall thickness). The exposed edges of the top are sealed with 2mm thick PVC edge Banding. The top most part of the wardrobe has an aluminum hanger rod of EBCO make. One drawer of size 400(W) x 150(H) x 450 (D) made of 18mm thick prelam Particle Board has been considered. The drawer will have a multipurpose lock of EBCO premium make. The wardrobe handles are Satin SS finish of 160mm pitch. The wardrobe has a multipurpose lock of EBCO make. All hinges considered are Hettich make. Necessary good quality hardwares have been considered as required.</p>	3.00	Nos	42004.56	1,26,013.68
10	<p>Dressing Table @400LX 400DX 1800H</p> <p>Providing & Fixing Dressing Table of size 400LX 400DX 1800H. The Dressing table unit is made up of 18mm thick Prelam Particle Board with both side decorative laminate. All exposed edges are sealed with 2mm thick PVC edge Banding. The unit has one drawer and one shelf. The dressing table has a mirror of 4mm thick pasted on 18mm thick prelm particle board attached to the base unit. The mirror size considered is 1155 x 360 x 4(t). The mirror has been pasted using high quality 3M sticker.</p>	3.00	Nos	18046.08	54,138.24



Sr. No	Item Description	Qty	Unit	Rate	Amount
11	Kitchen Units: Providing and Fixing stainless steel kitchen trolley of overall 26 " height and 22" depth,supported on aluminium pipes ,trolley basket made out of 5 mm stainless steel rod fitted on telescopic channel of size 1.5 " x 20 " x 22 " on both sides of trolley of 12 " or above size, panel having 40Kilogramload bearing capacity of trolley made out of 20 mm PUC coated plywood and colour combination as directed by E-I-C.Inner side of panel covered by white mica ,100 mm s.s. decorative handle.(The width and height of individual compartments shall be kept as directed by Engineer-in-charge)	1.00	Nos	67080	67,080.00
12	Dining Table 1800 x 900 x 750 mm Ht.: Providing & Fixing of Main Table @ 1800Lx900Dx750HT - made up of 18+18mm Thick MDF top with PVC Membrane finish and waterfall edge profile. Aluminium Anodized finish beeding of 4mm thick is running all over the table top edge. Gable ends is Aerofoiled Shape with front edges in PVC Membrane finish and rest in Prelaminated MDF with batton structure. Gable ends should be hollow from inside for the provision of passing electrical and Data wiring. , MODESTY PANEL:- to be made of 18 mm thick Prelaminated particle board with PVC edge band Access Flap:- For Wire manager 1 Nos.	7.00	Nos	21952.32	1,53,666.24
				TOTAL	18,55,244.32



Sr. No	Item Description	Qty	Unit	Rate	Amount
9. CCTV:					
1	Supply, fixing & installation of 2 MP IP Indoor IR Dome Camera, high performance CMOS Image Sensor, 3.6 mm Fixed Lens, 1920*1080 @ 25fp Main Stream, 720*480 @ 15 FPS, 720*480 @ 25 FPS Sub Stream S/N Ratio More than 80dB; IR Distance up to 30Mtrs, IP 66, Min Illumination 0.001Lux @ (F1.2, AGC ON), 0 Lux (IR LED ON), H.264/H.264+/H.265/H.265+/JPEG/AVI/MJPEG Compression, AUTO White Balance, Support DWDR	18.00	Nos	6000	1,08,000.00
2	Supply, fixing & installation of 24 Port GIGA POE Switch 10/100/1000 24 PoE+ (190W) power (Budget)	1.00	Nos	24500	24,500.00
3	Supply, fixing & installation of 32 Channel Standalone NVR, min. 2 USB port. 4 SATA port Interface up to 10 TB HDD Support each port. Up to 16 megapixel resolution, 256 mbps incoming bandwidth NVR	1.00	Nos	25000	25,000.00
4	Supply and Commissioning of 08 TB Surveillance Hard Disks as directed by Engineer In Charge	2.00	Nos	16000	32,000.00
5	Supply and Commissioning of 06 U Server Rack with Patch Panels as directed by Engineer In Charge	1.00	Nos	4500	4,500.00
6	Supply, fixing of Cat6 Cable industry Conduit as directed by Engineer In Charge	700.00	Mtrs	60	42,000.00
7	Comprehenssive AMC and Maintenance of all above integrated items for 5 years.	1.00	Nos	30000	30,000.00
				TOTAL AMOUNT	2,66,000.00

