



નોર્થઝોન/આઉટવર્ડ/નં.૪૪૮૩
તારીખ :- ૩૦ / ૦૭ / ૨૦૨૪

—: સંમતિ પત્ર:—

પ્રતિ,

ઈજારદારશ્રી

વિષય :- નોર્થ (કતારગામ) ઝોન વિસ્તારમાં આવેલ વિવિધ મ્યુનિસિપલ બિલ્ડીંગોમાં જરૂરીયાત મુજબ રીપેરીંગ અને મેઈન્ટેનન્સ કરવાનું કામ.

સંદર્ભ :- (૧) સ્થા.સ.ઠ.નં.૧૭૩૩/૨૦૨૩, તા.૦૨/૧૧/૨૦૨૩ થી મંજૂર થયેલ યુનીટ રેઈટનાં ભાવે અને શરતે.

(૨) મે.એડી.સીટી ઈજનેરશ્રી ની તા.૨૦/૦૭/૨૦૨૪ ના રોજની મંજૂરી.

મહાશય,

નોર્થ (કતારગામ) ઝોન વિસ્તારમાં આવેલ વિવિધ મ્યુનિસિપલ બિલ્ડીંગોમાં જરૂરીયાત મુજબ રીપેરીંગ અને મેઈન્ટેનન્સ કરવાનું કામ સંદર્ભ (૧) મુજબ સ્થા.સ.ઠ.નં.૧૭૩૩/૨૦૨૩, તા.૦૨/૧૧/૨૦૨૩ થી મંજૂર થયેલ યુનીટ રેઈટનાં ભાવે (અંદાજીત રકમથી ૩૪.૮૫% નીચું) અને શરતોને આધિન રૂા.૫,૦૦,૦૦૦.૦૦ પૈ. (GST સહિત) ની મર્યાદામાં કામગીરી કરાવવા સંદર્ભ (૨) હેઠળથી મંજૂરી મળેલ. આ કામ કરવા સંમત હોય તો આપશ્રીની લેખીત સંમતિ બંધ કવરમાં તા.૦૮/૦૮/૨૦૨૪ સુધીમાં નીચે સહી કરનારની કચેરીમાં પહોંચાડવા પ્રબંધ કરશો. ઉપરોક્ત જણાવેલ તારીખ પછી કોઈ બંધ કવરો સ્વીકારવામાં આવશે નહીં.

—: શરતો :—

૧. અર્નેસ્ટમની ડીપોઝીટની રકમ કમિશનરશ્રી, સુરત મહાનગરપાલિકાના નામનો સુરતની રાષ્ટ્રીયકૃત શીડયુલ બેંકના ડીમાન્ડ ડ્રાફ્ટ / પે. ઓર્ડરથી સંમતિપત્રક સાથે રૂા.૫,૦૦૦ /— ની આપવાની રહેશે.
૨. ઈજારદારે અંદાજીત રકમ ના ૨૦% એટલે કે રૂા.૧,૦૦,૦૦૦.૦૦ પૈ. કે તેથી વધુ રકમની વર્તમાન (ચાલુ) વર્ષની રાષ્ટ્રીયકૃત બેંકની સોલવંશી સર્ટીફિકેટ સંમતિપત્રક સાથે આપવાની રહેશે.
૩. ઈજારદારે પૂર્ણ કરેલ કામના/ અનુભવના સર્ટીફિકેટ (Form 3A/Work Completion Certificate) ની પ્રમાણીત નકલ સંમતિપત્રક સાથે આપવાની રહેશે.

ઈજારદારે છેલ્લા ૦૭ (સાત) વર્ષના સરખા પ્રકારના પૂર્ણ કરેલ કામ

- અંદાજીત રકમના ૪૦% એટલે કે રૂા.૨,૦૦,૦૦૦/— કે તેથી વધુ રકમ ના ૦૩(ત્રણ) સરખા પ્રકારના પૂર્ણ કરેલ કામ.

અથવા

- અંદાજીત રકમના ૫૦% એટલે કે રૂ.૨,૫૦,૦૦૦/- કે તેથી વધુ રકમ ના ૦૨(બે) સરખા પ્રકારના પૂર્ણ કરેલ કામ.

અથવા

- અંદાજીત રકમના ૮૦% એટલે કે રૂ.૪,૦૦,૦૦૦/- કે તેથી વધુ રકમ ના ૦૧(એક) સરખા પ્રકારના પૂર્ણ કરેલ કામ.

૪. ઈજારદારે છેલ્લા ૦૩(ત્રણ) વર્ષના આઈ.ટી. રીટર્ન સંમતિપત્રક સાથે આપવાના રહેશે.

૫. ઈજારદારે GST રજીસ્ટ્રેશન સર્ટીફિકેટની પ્રમાણીત નકલ સંમતિપત્રક સાથે આપવાની રહેશે.

૬. ઈજારદારે પાન કાર્ડ રજૂ કરવાનું રહેશે.

૭. ઈજારદારે શીડયુલ-બી માં જણાવેલ ભાવ અને ટેકનીકલ બીડની શરતોને બંધનકર્તા રહેશે.

૮. કોઈપણ તથા બધાજ સંમતિપત્રક રદ કરવાનો અધિકાર સુરત મહાનગરપાલિકાને અબાધિત રહેશે તે અંગે કોઈ પણ કારણો આપવામાં આવશે નહીં.

૯. તમામ પ્રકારના વેરા / સરકારી ટેક્સ ઈજારદારે ભોગવવાનાં રહેશે.

૧૦. તમામ સરકારી/ અર્ધ સરકારી લાગુ પડતા કાયદાનું ઈજારદારે પાલન કરવાનું રહેશે.

૧૧. સદર કામગીરી બાબતે અત્રેના હાઉસીંગ વિભાગના ટેકનીકલ સ્ટાફનો સંપર્ક કરવો.

૧૨. સદર કામગીરી ઉક્ત મંજૂર થયેલ ટેન્ડરના Detailed Technical Specification મુજબ કરવાની રહેશે.

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કાર્યપાલક ઈજનેર
નોર્થ(કતારગામ)ઝોન
સુરત મહાનગરપલિકા



<u>SURAT MUNICIPAL CORPORATION</u>						
<u>NORTH ZONE (KATARGAM)</u>						
MAINTAINANCE AND REPAIRING WORK OF VARIOUS MUNICIPAL BUILDINGS IN OF NORTH (KATARGAM) ZONE , SURAT.						
<u>SCHEDULE-B</u>						
Sr. No.	DTS No.	ITEM	Qty.	Rate	Per	Amount
		Part -A Civil Work.				
1	112A	Demolition and disposal of unserviceable materials with all lead and lift (ii) Unreinforced cement concrete.	3.00	386.83	C.M.	1160.49
2	112	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead & lift.				
		(i) RCC work	3.00	705.23	C.M.	2115.69
3	113	Demolition of brick work and stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead & lift.				
		(II) in Cement mortar.	2.00	366.93	C.M.	733.86
4	114	Removing the scraping of old deteriosted plaster of any thickness from wall/R.C.C. member including strcking of serviceable material and disposal of unserviceable from site of work with all lead and lift.	2.00	13.05	S.M.	26.10
5	115	Dismantalling tiled or stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead & lift.	2.22	31.82	S.M.	70.56
6	115A	Dismantling doors windows ventilators etc. (wood or steel) shutters including chowkhats, Architraves, holdfasts and other attachment etc. comp. and stacking them within all lead & lift. (I) not exceeding 3 sq.m. in area.	2.00	125.14	No.	250.28
7	116	Dismantling sanitary fittings like wash basin, w.c. pan Indian and Europeans type, flushing tank etc. including stacking the materials with all lead & lift.	2.00	270.43	No.	540.86
8	Self.Expl.	Dismantling PVC pipe / A.C Rainwater /G.I pipes pipes with fittings and clamps including stacking the materials with all lead and lift. (For all floors).	5.00	49.84	R.M	249.20
9	Self.Expl.	Dismantalling of sheet roofing including ridges,valleys, gutter etc.stackng of serviceable materials and disposal of unserviceable materials with all lead and lift (a) G.I.Sheet Roffing.	5.00	31.82	S.M.	159.10
10	Self.Expl.	Dismantalling barbed wire in fencing including making rolls and also including dismantaling posts including all earth work concrete in base and making good the disturbed ground staking useful materials as directed and disposeing of the unserviceable materials with all lead and lift.	5.00	44.54	R.M	222.70

11	Self.Expl.	Dismantalling G.I. chain link fencing including making rolls and also including dismantaling posts including all earth work concrete in base and making good the disturbed ground staking useful materials as directed and disposing of the unserviceable materials with all lead and lift.	0.00	25.00	S.M.	0.00
12	Self.Expl.	Dismantalling of Bombay type Railing including dismantaling posts making good the disturbed ground staking useful materials as directed and disposing of the unserviceable materials with all lead and lift.	0.00	15.00	R.M	0.00
13	Self.Expl.	Refixing of old Bombay type Railing including cutting, welding etc comp...	0.00	25.00	R.M	0.00
14	90	Boring holes 3.5 mt.deep in ordinary soil (for cast in situ piles) & disposal of the surplus excavated soil as directed within a lead of 50 M. For following diameter of piles.				
		(1) 200 m.m.	0.00	192.81	R.M.	0.00
		(2) 250 m.m.	0.00	217.90	R.M.	0.00
		(3) 300 m.m.	0.00	261.57	R.M.	0.00
15		Excavation for foundation includ.sorting out & stacking of useful materials & disposing of the excavated stuff upto 50 mt. Lead & all lift, watering etc. Comp.				
	1 (A)	With Machinaries				
		(A) Loose or Soft soil				
		(1) Up to 1.5 Mt. depth	0.00	78.07	C.M.	0.00
		(2) 1.5 to 3.0 Mt. depth	0.00	86.65	C.M.	0.00
	1 (B)	With Manual Labour				
		(A) Loose or Soft soil				
		(1) Up to 1.5 Mt. depth	0.00	150.24	C.M.	0.00
		(2) 1.5 to 3.0 Mt. depth	0.00	159.98	C.M.	0.00
16	88A	Providing & Laying C.C1:5:10 (1cement :5coarse sand :10 graded stone agg. 40 m.m Nominal size)& curing comp. incl. cost of from work in :Foundation & Plinth	0.00	2217.42	C.M.	0.00
17	88	Providing & laying cement concrete 1:4:8 (1 cement:4 sand:8 graded stone agg. 40 mm nominal size) & curing comp. incl.cost of form work in (A) Foundation and Plinth	0.00	2417.82	C.M.	0.00
18	88B	Providing & laying C.C 1:3:6 (1cement :3 coarse sand :6 Crushed stone agg 20m.m Nominal size) & curing comp. incl. cost of form work in :(a) foundation & Plinth	0.00	2761.95	C.M.	0.00
19	3	Providing & laying cement concrete 1:1.5:3 (1 cement:1.5 sand:3 graded stone agg. 20 mm nominal size)& curing comp. Includ.cost of form work but exclu. Cost of reinforcement for reinforced concrete work in : (A) Foundation, footing, Base of columns and Mass concrete.	0.00	4127.14	C.M.	0.00
20	5A	Providing & laying ordinary cement con. 1:1.5:3 (1cement:1.5sand: 3 graded stone agg. 20 mm nominal size) finishing smooth curing etc. comp. Includ. Cost of form work but excl. Cost of reinforcement for R.C.C. Work in : Up to G.L./P.L.				
		(A) COLUMNS:				
		(1)Having c/s area up to 0.085 sq.mt	0.00	8710.52	C.M.	0.00

		(2) Having c/s area more than 0.085 sq. mt. & upto 0.12 sq.mt	0.00	7909.49	C.M.	0.00
		(3) Having cross sectional area more than 0.12 sq. mt.	0.00	6904.48	C.M.	0.00
		(B) BEAMS :				
		(1)Having c/s area up to 0.08 sq.mt	0.00	7101.94	C.M.	0.00
		(2) Having c/s area more than 0.08 sq. mt. & upto 0.12 sq.mt	0.00	6489.97	C.M.	0.00
		(3) Having cross sectional area more than 0.12 sq. mt.	0.00	5772.94	C.M.	0.00
21	7	Providing & fixing TMT/ CRS Bar reinforcement for R.C.C. work incl. bending, binding & placing in position etc. comp. Upto G.L./P.L.	0.00	69.36	Kg.	0.00
22	8	Providing & construction brick work using Fly Ash bricks having crushing strength not less than 70 Kg./sq.cm. in foundation & plinth in C.M. 1:6 (1 cement:6 sand) etc. comp. Up to G.L./P.L.	2.00	3206.35	C.M.	6412.70
23	14	Filling in trenches with available excavated earth in layer not exceeding 20cm in depth consolidating each deposited layer by ramming & watering	0.00	91.76	C.M.	0.00
24	13	Providing & filling in plinth with yellow soil or selected soil in layers of 20 cm. Th'. Incl. watering, ramming & consolidation etc. complete.	0.00	217.70	C.M.	0.00
25	19	Providing & applying 20mm.th. Sand faced cement plaster on walls or similar surfaces at all floor levels consisting of 12 mm. Av. th'. backing coat of C.M. 1:3(1 cement :3 sand) & 8 mm.th. Finishing coat of C.M.1:1 (1 cement: 1 sand)--- Upto G.L./P.L &	0.00	220.58	S.M.	0.00
26	5A	Providing & laying ordinary cement con. 1:1.5:3 (1cement:1.5sand:3 graded graded stone agg. 20 mm nominal size) finishing smooth curing etc. comp. Incl.. Cost of form work but excl. Cost of reinforcement for R.C.C. Work in :				
		(A) COLUMNS:				
		(1) Having c/s area up to 0.085 sq.mt				
		Ground Floor	0.00	8710.52	C.M.	0.00
		First Floor	0.00	8747.79	C.M.	0.00
		Second Floor	0.00	8785.06	C.M.	0.00
		Terrace (third) Floor	0.00	8822.32	C.M.	0.00
		(2) Having c/s area more than 0.085 sq. mt. & upto 0.12 sq.mt				
		Ground Floor	0.00	7909.49	C.M.	0.00
		First Floor	0.00	7946.76	C.M.	0.00
		Second Floor	0.00	7984.02	C.M.	0.00
		Terrace (third) Floor	0.00	8021.29	C.M.	0.00
		(3) Having cross sectional area more than 0.12 sq. mt.				
		Ground Floor	2.00	6904.48	C.M.	13808.96
		First Floor	0.00	6941.75	C.M.	0.00
		Second Floor	0.00	6979.01	C.M.	0.00
		Terrace (third) Floor	0.00	7016.28	C.M.	0.00
		(B) BEAMS :				
		(1) Having c/s area up to 0.085 sq.mt				
		Ground Floor	0.00	7101.94	C.M.	0.00
		First Floor	0.00	7139.21	C.M.	0.00

		Second Floor	0.00	7176.48	C.M.	0.00
		Terrace (third) Floor	0.00	7213.75	C.M.	0.00
		(2) Having c/s area more than 0.085 sq. mt. & upto 0.12 sq.mt				
		Ground Floor	0.00	6489.97	C.M.	0.00
		First Floor	0.00	6527.24	C.M.	0.00
		Second Floor	0.00	6564.51	C.M.	0.00
		Terrace (third) Floor	0.00	6601.78	C.M.	0.00
		(3) Having cross sectional area more than 0.12 sq. mt.				
		Ground Floor	2.00	5772.94	C.M.	11545.88
		First Floor	2.00	5810.21	C.M.	11620.42
		Second Floor	2.00	5847.48	C.M.	11694.96
		Terrace (third) Floor	0.00	5884.75	C.M.	0.00
		(C) SLABS :				
		(1) Slabs having more than 8cm. and upto 10 cm. Th'.				
		Ground Floor	0.00	6264.57	C.M.	0.00
		First Floor	0.00	6301.84	C.M.	0.00
		Second Floor	0.00	6339.11	C.M.	0.00
		Terrace (third) Floor	0.00	6376.38	C.M.	0.00
		(2) Slabs having more than 10 cm. & upto 13 cm. Th'.				
		Ground Floor	1.00	5893.97	C.M.	5893.97
		First Floor	1.00	5931.24	C.M.	5931.24
		Second Floor	1.00	5968.51	C.M.	5968.51
		Terrace (third) Floor	1.00	6005.78	C.M.	6005.78
		(3) Slabs having more than 13 cm. Thickness				
		Ground Floor	0.00	5525.58	C.M.	0.00
		First Floor	0.00	5562.85	C.M.	0.00
		Second Floor	0.00	5600.12	C.M.	0.00
		Terrace (third) Floor	0.00	5637.39	C.M.	0.00
		(D) LINTELS:				
		Ground Floor	0.00	6642.95	C.M.	0.00
		First Floor	0.00	6680.22	C.M.	0.00
		Second Floor	0.00	6717.48	C.M.	0.00
		Terrace (third) Floor	0.00	6754.75	C.M.	0.00
		(E) CHAJJAS:				
		Ground Floor	0.00	4258.60	C.M.	0.00
		First Floor	0.00	4295.87	C.M.	0.00
		Second Floor	0.00	4333.14	C.M.	0.00
		Terrace (third) Floor	0.00	4370.41	C.M.	0.00
27	3	Providing & laying ordinary cement con.1:1.5:3(1cement:1.5sand:3 graded graded stone agg. 20 mm nominal size) finishing smooth curing etc. comp. Incl.. Cost of form work but excl. Cost of reinforcement for R.C.C. Work in : .				
		(A) Stair cases including landings etc				
		Ground Floor	0.00	5383.47	C.M.	0.00
		First Floor	0.00	5420.74	C.M.	0.00
		Second Floor	0.00	5458.01	C.M.	0.00
		Terrace (third) Floor	0.00	5495.28	C.M.	0.00
		(B) Vertical and horizontal fins				
		Ground Floor	0.00	7549.47	C.M.	0.00
		First Floor	0.00	7586.74	C.M.	0.00
		Second Floor	0.00	7624.01	C.M.	0.00

		Terrace (third) Floor	0.00	7661.28	C.M.	0.00
28	7	Providing & fixing TMT / CRS Bar reinforcement for R.C.C. work incl. bending, binding & placing in position etc.comp.				
		Ground Floor	0.00	69.36	Kg.	0.00
		First Floor	0.00	70.02	Kg.	0.00
		Second Floor	0.00	70.69	Kg.	0.00
		Terrace (third) Floor	0.00	71.36	Kg.	0.00
29	9	Providing & construction brick work using Fly Ash bricks having crushing strength not less than 70 Kg./sq.cm. in foundation & plinth in C.M. 1:6 (1 cement:6 sand) etc. comp.				
		Ground Floor	5.00	3389.66	C.M.	16948.30
		First Floor	5.00	3423.54	C.M.	17117.70
		Second Floor	2.00	3457.41	C.M.	6914.82
		Terrace (third) Floor	1.00	3491.29	C.M.	3491.29
30	12	Providing & constructing Half brick masonry in Fly Ash bricks having crushing strength not less than 70 kg/sq.cm in c.m 1:4 (1 cement: 4 sand) curing etc complete.				
		Ground Floor	5.00	489.95	S.M.	2449.75
		First Floor	5.00	494.91	S.M.	2474.55
		Second Floor	5.00	499.87	S.M.	2499.35
		Terrace (third) Floor	1.00	504.83	S.M.	504.83
31	139	Uncoursed rubble masonry with hard stone of approved quality in foundations and plinth in cement mortar 1:6 (1 Cement : 6 sand) including leveling up etc. complete.	5.00	1873.52	C.M.	9367.60
32	140	Pointing on Coursed stone masonry with cement mortar 1:3 (1 cement : 3 Sand) ---				
		(A) Flush Pointing	1.00	91.00	S.M.	91.00
		(B) Ruled Pointing	1.00	91.00	S.M.	91.00
33	141	Pointing on Uncoursed stone masonry with cement mortar 1:3 (1 cement : 3 Sand) ---				
		(A) Flush Pointing	1.00	69.99	S.M.	69.99
		(B) Ruled Pointing	1.00	72.54	S.M.	72.54
34	126	Providing Rubble Pitching with hard stone of approved quality in cement mortar 1:6 (1 Cement : 6 Coarse sand) including leveling up ,Curing etc. complete excluding pointing	0.00	2520.00	C.M.	0.00
35	127	Providing Dry Rubble Pitching of various thickness to required grade including trimming of earth work hand packing the interstics with Quarry Spalls complete for all leads and lifts.	0.00	804.01	C.M.	0.00
36	36	Providing & fixing precast C.C. jali or grill 1:2:4 mix (1cement:2 coarse sand : 4 graded stone agg. 6 mm nominal size) reinforced with 1.6mm dia. sand :4 graded stone agg.agg.6mm nominal size)reinforced mild steel wire incl.. roughening,cleaning,fixing& finishing in C.M. 1:3 & curing comp.(A) 40 mm. Thick				
		Ground Floor	0.00	471.06	S.M.	0.00
		First Floor	0.00	478.06	S.M.	0.00
		Second Floor	0.00	485.06	S.M.	0.00
		Terrace (third) Floor	0.00	492.06	S.M.	0.00
37	16	Providing & Applying 10mm.th.cement plaster in single coat on brick/ concrete walls similar surfaces for plastering & finished even & smooth with a floating coat of cement slurry				

		mixed with admixture of lime or neeru in required proportion etc. comp. in C.M 1:3 (1 cement : 3sand)				
		(A) For wall and similar surfaces				
		Ground Floor	2.00	126.52	S.M.	253.04
		First Floor	2.00	145.30	S.M.	290.60
		Second Floor	2.00	164.07	S.M.	328.14
		Terrace (third) Floor	2.00	182.85	S.M.	365.70
		(B) For ceilings & soffits of stairs				
		Ground Floor	2.00	143.07	S.M.	286.14
		First Floor	2.00	161.84	S.M.	323.68
		Second Floor	2.00	180.62	S.M.	361.24
		Terrace (third) Floor	2.00	199.39	S.M.	398.78
38	19	Providing & Applying 20mm.th. Sand faced cement plaster on walls or similar surfaces at all floor levels consisting of 12 mm. Av. Th. backing coat of C.M. 1:3(1 cement :3 sand) & 8 mm.th. Finishing coat of C.M.1:1 (1 cement: 1 sand) - GroundFloor,FirstFloor,Second Floor and Third(Terrace) Floor	0.00	220.58	S.M.	0.00
39	19A	Providing and Applying 20mm th. Roller Plaster on walls and similar surfaces on all floors levels consisting of 12 mm Avg. backing coat of CM 1:3 and 8mm th. finishing coat of CM 1:1 on all floors	0.00	309.00	SM	0.00
40	20	Providing 35 mm wide throating or plaster drip and moulding it to R. C. C. chajja etc. comp.. For all floor	0.00	27.78	R.M.	0.00
41	20A	Providing 20 mm deep finished groove in plaster in line and level etc. Comp. For all Floor (M.R.)	0.00	27.00	R.M.	0.00
42	44	Providing & Laying green polished kota stone slab flooring at all floor levels,over 20 mm av.th.base of C.M. 1:6(1cement: 6 sand) laid over&joined with grey cement slurry incl. Rubbing & polishing etc. comp. (A) 22 mm. (Tolerance +/- 2mm) For all Floor	2.00	659.63	S.M.	1319.26
43	45	Providing & Laying polished kota stone of machine cut edge slab 22 mm. th. in riser of steps, tread, dedo & pillars center piece not less than 1.2 mt.in width &side pieces of equal size as per design, laid on 10 mm.th. C.M.1:3(1 cement:3 sand)joined & polishing etc. For all Floor	10.00	717.96	S.M.	7179.60
44	46	Providing & Laying white glazed tiles 6mm. th. of Orient, Kajaria, Jhonson,Nitco,Somani ,Bell make at all floor levels, in flooring , treads of steps & landings laid on a bed of 20 mm. Av. Th.C.M.1:3(1cement :3 sand) finished with flush pointing in white cement etc.com. For all floors (Basic Rate:- Rs.285.0/S.M.)	10.00	571.61	S.M.	5716.10
45	47	Providing & Laying white glazed tiles 6mm. th. Of Orient, Kajaria, Jhonson,Nitco,Somani,Bell make at all floor levels in skirting risers of steps & dado on 10 mm. th. C.M.1:3(1cement :3 sand) including necessary cement paste for fixing and joined with white cement slurry etc. complete. For all floors (Basic Rate:- Rs.285.0/S.M.)	5.00	591.76	S.M.	2958.80

46	97	Providing and laying Ceramic tiles 8mm th. of Orient, Kajaria, Jhonson, Nitco, Somani, Bell, Asian or Euro make in flooring treads of steps and landing laid on bed of 12 mm thick cement mortar 1:3 (1 Cement : 3 Sand) finished with flush pointing in white cement. (Basic Rate:- Rs.306.0/S.M.)	0.00	609.79	S.M.	0.00
47	98	Providing & Laying ceramic tiles 8mm th. of Orient, Kajaria, Jhonson, Nitco, Somani, Bell, Asian or Euro make in skirting, risers of steps and landings laid on 10mm thick cement mortar 1:3 (1 Cement : 3 sand) pointing in white cement and jointed with white slurry. (Basic Rate:- Rs.360.0/S.M.)	10.00	658.57	S.M.	6585.70
48	101	Providing & laying marble stone slab flooring over 20 mm.av. base of C.M.1:6 (1 cement :6 coarse sand) & jointed with grey cement slurry incl. rubbing & polishing comp.(A) Marble slab 25 mm. Thick. (Basic Rate :- Rs.701 / S.M.)	2.00	1426.37	S.M.	2852.74
49	102	Providing & laying granite slab 18mm thick in flooring, treads of steps and landing laid on bed of 20mm thick cement mortar 1:6 (1 Cement : 6 coarse sand) or lime mortar 1:1.5 laid and finished with flush pointing in white or colour cement including rubbing and polishing complete. (Basic Rate:- Rs.1614.0/S.M.)	2.00	2404.00	S.M.	4808.00
50	103	Providing & laying granite slab 18mm thick in skirting, risers of steps, dedo and pillars laid on 10mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand) and finished with flush pointing in white or colour cement including rubbing & polishing comp.. (Basic Rate:- Rs.1614.0/S.M.)	2.00	2446.00	S.M.	4892.00
51	Self.Expl.	Providing & laying granite slab 18mm thick in Window-Door seal Frame Etc laid on 10mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand) with nessary adhesive material and finished with flush pointing in white or colour cement, including rubbing & polishing comp.. (Basic Rate:- Rs.1200.0/S.M.)	0.00	1960.00	S.M.	0.00
52	Self.Expl.	Labour Charges For Half Round Edge For Granite	0.00	150.00	R.M.	0.00
53	Self.Expl.	Labour Charges For Quater Round Edge For Granite	0.00	90.00	R.M.	0.00
54	Self.Expl.	Labour Charges For Edge Finished For Granite	0.00	50.00	R.M.	0.00
55	99	Providing & laying Vitrified tiles of 8mm to 10mm thick in flooring,treads of steps & Landing laid on bed of 12 mm thick cement mortar 1:3 (1 Cement : 3 Coarse sand) finished with flush pointing in white or colour cement complete. (Basic rate- Rs.366.0/S.M.)	10.00	693.57	S.M.	6935.70
56	100	Providing & laying Vitrified tiles of 8mm to 10mm thick in skirting, risers of steps and dedo laid on 10mm thick cement mortar 1:3 (1 Cement : 3 Coarse sand) finished with flush pointing in white or colour cement complete. (Basic rate- Rs.366.0/S.M.)	10.00	721.14	S.M.	7211.40
57	Self.Expl.	Providing and laying Marbo Granite tiles 8 to 10 mm thick, 24" x 24" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1 cement : 3 coarse sand) finishing with flush pointing in white cement.	0.00	660.54	S.M.	0.00

		(Basic Rate-Rs.412.0/S.M.)				
58	41	Providing and laying chequered precast concrete tiles 22mm thick with aggregate of sizes upto 6mm in floors treads of steps and landing on 20mm thick bed of C.M. 1:6 (1 cement : 6 sand) or L.M. 1:1.5 (1 Lime putty : 1.5 sand) jointed with neat cement slurry with pigments to match the shade of the tiles.	10.00	394.51	S.M.	3945.10
59	M-49	Providing & Laying polished kota stone of machine cut edge patti of 10cm wide 22 mm. thk. in ramp flooring as per design, laid on 10 mm. th. C.M.1:3(1cement :3 sand) including necessary cement paste for fixing and joined with cement slurry etc. complete. For all floors.	10.00	98.00	R.M.	980.00
60	128	Providing & Constructing polished Kotah stone cooking platform 0.6mt. wide & 0.75mt. height, including one end side kota stone(Double Polish) of 1.25mt height & front kota stone patti of 10cm wide ,vertical partitions of half B.M wall in C.M 1:4 and 10mm th plaster in 1:3with finishing smooth with cement slurry as required and steel sink of 0.45mt x 0.45mt size of approved quality and make with required all fittings & Fxitures etc. Comp as per instruction given by site in charge at all floors	2.00	1887.00	R.M.	3774.00
61	Self.Expl.	Providing & fixing 35mm.th. Flush Door Solid Double Core type Both Face water proof Ply Vennered & 1.5 mm th.laminate shall be pasted on both side with adhesives as specified by the manufacturers. The laminate shall be as per approved shade & texture, of make incl. Sal wood frames of finished size 12cm x 7cm.incl. S.S. Hinges with nessary screws & Anodized aluminum fixtures & fastenings For all Floor	0.00	3312.00	S.M.	0.00
		Same as Above But Without Frame	0.00	2300.00	S.M.	0.00
62	25	Providing & fixing 35mm.th. Indian teak wood shutters for doors, windows & clearstory windows incl. Indian teak wood frames of finished size 12cm x 7cm.incl. Medium quality anodized aluminum fixtures & fastenings incl. Primer coat of approved quality & two coats of oil painting etc. For all Floor				
		(A) Fully Panelled	0.00	5093.41	S.M.	0.00
		(B) Partly Panelled and Partely Galzed	0.00	4691.98	S.M.	0.00
		(C) Fully Galzed	0.00	4129.59	S.M.	0.00
63	Self.Expl.	Providing and laying cement concrete flooring 1:2:4 (1 cement : 2course sand : 4 graded stone aggregate 20mm nominal size) laid in one layer finished with a floating coat of neat cement				
		A) 40mm thick	5.00	202.56	S.M.	1012.80
		(B) 50mm thick	5.00	237.55	S.M.	1187.75
64	Self.Expl.	Providing and fixing sal wood frame 12 cm x 7 cm size including anodized fixtures and fastening etc. including primer coat of approved quality and two coats of oil paint.etc complete. (For all floors)	5.00	865.00	S.M.	4325.00

65	Self.Expl.	Providing and fixing sheet glass of good quality badded in putty and fixed with wooden beadings incldg.the cost of first class teak wood beading and necessary cutting of glass etc. in the place of damaged/broken sheet glass of the existing windows /ventillations etc. as shown & as ditrected by Engineer-in-charge.(For all floors)				
		(a) 4 mm plain glassss	5.00	724.17	S.M.	3620.85
		(b) 6 mm wired figured glassss	5.00	650.44	S.M.	3252.20
66	Self.Expl.	Providing and Replace door, Window S.S. Fixtures fix in wooden / Alluminium door - window				
		(A) S.S. Stopper 60 Cm long of ASIS 304	0.00	429.25	No.	0.00
		(B) S.S. Stopper 30 Cm long of ASIS 304	0.00	215.13	No.	0.00
		(C) S.S. Stopper 20 Cm long of ASIS 304	0.00	150.49	No.	0.00
		(D) S.S. Aldrop 20 Cm long of ASIS 304 Grade	0.00	257.55	No.	0.00
		(E) S.S. Aldrop 25 Cm long of ASIS 304 Grade	0.00	386.83	No.	0.00
		(F) S.S. Aldrop 30 Cm long of ASIS 304 Grade	0.00	472.68	No.	0.00
		(G) S.S. Handle for door/ window 10 Cm size of ASIS 304 Grade	0.00	64.64	No.	0.00
		(F)S.S. Handle for Door 15 Cm size of ASIS 304 Grade	0.00	89.89	No.	0.00
		(I) S.S. Pipe Handle for door 30 Cm size o ASIS 316 Grade	0.00	1030.20	No.	0.00
		(J) Inter Lock [Kadaka lock]	0.00	247.45	No.	0.00
		(H) Locks Godrej Mortice lock cover	0.00	388.85	No.	0.00
		(I) Door closers arrow type with spring 12 length as approved sample (30 cms)	0.00	565.60	No.	0.00
		(J)Handle for doors Windows Cupboards etc. Brass 15 cms. Length	0.00	70.70	No.	0.00
		(K) S.S. Door / window hinges 4x1"x1"	0.00	64.64	No.	0.00
67	125	Providing and fixing window having extruded aluminium Powder Coated section frame main outer size 95 mm x 24 mm x 1.17 mm (of jindal section no:2459 @ Wt. of 0.738 Kg/mt), horizontal Three track member size 92 mm x 31.75 mm x 1.30 mm (of jindal section no:8688, @ Wt. 1.07 Kg/mt), vertical member of size 92 mm x 31.75 mm x 1.50 mm (of jindal section no:8933, @ Wt. 1.06 Kg/mt) with sliding shutters of horizontal member size 40 mm x 18 mm x 1.29 mm (of jindal section no:8947 @ wt. of 0.456 kg/mt), vertical member of size 40 mm x 18 mm x 1.29 mm (of jindal section no:8949 @ wt. of 0.456 kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminium fittings & fixtures and transparent silicon sealant glass fixing to frame as per details etc.	2.00	1878.44	S.M.	3756.88
		(A) Same as above but Colour anodized	2.00	1878.44	S.M.	3756.88
68	124	Providing and fixing window having extruded aluminium Powder Coated section frame main outer size 63.50 x 38.10 x1.95 mm (of Jindal section no.4605, @ Wt. 1.094Kg/mt) horizontal Two track member size 61.85 mm x 31.75 mm x 1.20 mm (of jindal section no:8687, @ Wt. 0.695 Kg/mt.) vertical member of size 61.85 mm x 31.75 mm x 130 mm (of jindal section no:8758 @ wt. of 0.659 kg/mt) with sliding shutters of horizontal member size 40 mm x18 mm x 1.29 mm (of jindal section no:8949, @ Wt. of .456 Kg/mt) vertical member of size 40 mm x 18 mm x 1.29 mm (of jindal section no:8947, @ Wt. of 0.456 Kg/mt/section 8948, @ Wt. of 0.457 Kg/mt) with 5 mm thick tranparent bronze colour tinted float glass with powder coated aluminium fittings and fixtures	2.00	2012.71	S.M.	4025.42

		and transparent silicon sealant glass fixing to frame as per details etc. complete for window.				
		(A) Same as above but Colour anodized	2.00	2012.71	S.M.	4025.42
69	Self.Expl.	Providing and fixing standard extruded of aluminium section of size 61 x 37.0 x 0.90 mm (of Jindal section no.14080, @ Wt. 0.471 Kg per mt) with colour powder coated aluminium frame for Louvered Glass ventilation with 4 mm thick Figured glass as details etc. complete for ventilation.	5.00	1950.00	S.M.	9750.00
		(A) Same as above but Colour anodized	5.00	2000.00	S.M.	10000.00
70	Self.Expl.	Providing and fixing standard extruded of aluminium section of size 61 x 37.0 x 0.90 mm (of Jindal section no.14080, @ Wt. 0.471 Kg per mt) with Powder Coated aluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc. complete for fix window.	2.00	1625.00	S.M.	3250.00
		(A) Same as above but Colour anodized	2.00	1700.00	S.M.	3400.00
71	Self.Expl.	Providing & fixing partly panel & partly glass Powder Coated Aluminium doors with aluminium section of Hindalco, Jindal, Narmada, Banco or Equivalent approved make having Powder Coated outer frame Leg Partition section of 63.50 mm x 38.10 mm having weight 1.158 kg. / R.M. shutter section having size 83.5 mm x 44.45mm (top & bottom: 1.384 kg./rmt. and middle 1.139 kg./rmt.) door vertical 47.62mm x 44.45 mm (vertical:0.881 kg./rmt. & top hing side:0.974 kg./mt.), Glazing Clip (Jindal Section No. 19370 Wt. 0.109 Kg./ Mt.) with 5mm thick sheet glass in acid frosting and 12 mm thick prelaminated sheet of Greenlam, Panama or archid make as approved by Engineer-in-charge including fixing brass pivot, handle, lock etc. complete.	5.00	3400.00	S.M.	17000.00
		(A) Same as above but Colour anodized	5.00	3550.00	S.M.	17750.00
72	Self.Expl.	Providing & fixing Powder Coated Aluminium partly glazed and partly panelled partition using medium duty sections of Hindalco, Zindal, Narmada, Banco or Equivalent approved make having section 63.50 mm x 38.10mm (Frame-.758 kg/rmt & Middle section- 0.819 Kg./rmt), Glazing Clip with 5 mm thick clear float glass of approved make including all other necessary fittings and fixtures. Entire work will have to be made water proof using necessary rubber sectioned wherever required. Gaps all round the frame to be filled with approved water proof sealant. Bottom portion of doors both side to be covered with 12mm thick prelaminated particle board of approved make and quality and as per design.	2.00	2300.00	S.M.	4600.00
		(A) Same as above but Colour anodized	2.00	2400.00	S.M.	4800.00

73	Self.Expl.	Providing and fixing FRP FRAME size 125 x 65 mm and 35 mm thick FRP shutter with wood grain raised paneled design finish shutter having extra reinforcement on sides & edges in Gel coat finish. The core of the shutter & frame is to be filled up with injected polyurethane foam done in situ along with embedded wooden pieces for stiffening & also taking hinges & fixtures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S. hinges with fastener sleeve & aluminium fixtures & fastenings. Product should have 3 years performance guarantee and company have ISO 9001-2000 certificate.	2.00	3861.23	S.M.	7722.46
74	Self.Expl.	Reparing & Servicing of existing door/window including cost of hardware (Fevicol, Nail and NF screw etc.) but excluding cost of fixtures as directed by Engineer in-charge.				
		(A) Wooden door	2.00	150.00	Nos.	300.00
		(B) Partly Panelled and Partely Galzed alluminium door	2.00	150.00	Nos.	300.00
		(C) Wooden Window shutter	2.00	75.00	Nos.	150.00
		(D) Alluminium Window shutter	2.00	75.00	Nos.	150.00
75	Self.Expl.	Providing & fixing Glass Table Top using 08mm th. clear glass with crystal edge & necessary hardware materials etc. complete as per instruction by engineer in charge.	0.00	1350.00	S.M.	0.00
76	Self.Expl.	Providing & fixing door closer Ozon / Dorma / Hyper / Hardwin / Godrej / Alluminium body ISI brander equivalent make with necessary hardware materials etc. complete as per instruction by engineer in charge.	0.00	1400.00	Nos.	0.00
77	Self.Expl.	Providing & fixing water proof plywood (ISI marks 710 grade) at the door, window and any space in the building. necessary hardware, screws materials etc. complete as per instruction by engineer in charge.				
		(A) 6 mm	0.00	650.00	S.M.	0.00
		(B) 9 mm	0.00	750.00	S.M.	0.00
		(C) 12 mm	0.00	900.00	S.M.	0.00
		(D) 16 mm	0.00	1125.00	S.M.	0.00
		(E) 19 mm	0.00	1350.00	S.M.	0.00
		(F) 12 mm BSL partical board green or Equalent make	0.00	550.00	S.M.	0.00
		(G) 12 mm plan E board Evrest or Equalent make	0.00	470.00	S.M.	0.00
78	Self.Expl.	Providing & fixing laminated sheet 1mm thick suede finished as per approved make with & necessary adhesive, hardware materials etc. complete as per instruction by engineer in charge.	0.00	650.00	S.M.	0.00
79	Self.Expl.	Providing & fixing Mortise lock body with 70mm cylinder (make godrej / ozon / inox) fix in wooden door with necessary hardware materials etc. complete as per instruction by engineer in charge.	0.00	1500.00	S.M.	0.00
80	Self.Expl.	Replacement of Revolving chair parts ISI marks with necessary hardware, screws materials etc. complete as per instruction by engineer in charge.				
		(A) P.V.C. moulded Hand rest	0.00	325.00	Nos.	0.00
		(B) Hydraulic gas pump	0.00	550.00	Nos.	0.00
		(C) Cushion sheet, back with fabric / rexine	0.00	1850.00	Nos.	0.00

		(D) Rubber castor / wheels	0.00	100.00	Nos.	0.00
81	Self.Ex pl.	Repairing & Servicing of wooden office table / file storage using screws and necessary hardware materials complete as per instruction by engineer in charge.	5.00	200.00	Nos.	1000.00
82	Self.Ex pl.	Replacement of wooden office table / file storage parts ISI marks with necessary hardware, screws materials etc. complete as per instruction by engineer in charge.				
		(A) Drawer / shutter locks	0.00	250.00	Nos.	0.00
		(B) ss 4" D Handles	0.00	80.00	Nos.	0.00
		(C) Drawer channel	0.00	275.00	Nos.	0.00
		(D) ss 3" heavy hinges	0.00	80.00	Nos.	0.00
83	Self.Ex pl.	Providing & laying sun control or frosted milky glass film as approved colour,design,cutting complete as per instruction by engineer in charge.	2.00	480.00	S.M.	960.00
84	Self Ex pl.	Providing & fixing wooden notice board with Righting laminated board finish using 12mm th.Back commercial plywood approved make, 01mm th. SF finish laminate,teakwood framing & necessary hardware materials etc. inside and liping french polish finish complete in all respects by engineer in charge complete.	0.00	1950.00	S.M.	0.00
85	34	Providing & fixing M.S.Grills of required pattern to wooden frames of windows etc. At all floor levels with M.S. flats at required spacing & frame around square or round bars with round headed bolts & round headed bolts and nuts or by screws incl. Priming coat of Red lead paint etc. comp. (A) Plain grill For all Floors	10.00	69.47	Kg.	694.70
86	86	Providing & fixing in position collapsible steel shutters with vertical channels 20 x10 x 2 mm. Braced with flat iron diagonals 20 x5mm size with top & bottom rails of T-iron 40x40x6mm. with 38mm dia. steel pulleys comp. with bolts, locking arrangements, stoppers, handles incl. applying a priming coat of Redlead paint etc. comp.	0.00	3910.06	S.M.	0.00
87	35	Providing & applying painting two coats at all floor levels on new steel other metal surface with synthetic enemal paint , brushing interior to give an even shade incl. cleaning the surface of all dirt, dust & other foreign matter etc. Comp. (A) For plain grill For all Floor	5.00	48.15	S.M.	240.75
88	40	Providing & fixing M.S.Fan clamps at all floor levels type I of 12 mm dia M.S. Bar bent to shape with hooked ends to R.C.C. Slabs during laying all as per standard design For All Floor (M.R.)	5.00	86.01	No.	430.05
89	21,22	Providing & applying white washing with lime (two coats) at all floor levels to give an even shade incl. thoroughly brooming the surface to remove all dirt, dust mortar droppings & other foreign matter etc.. comp. Incl. Prov.& mixing in required proportion, binding agent like "Fevicol dh" or equivalent approved brand etc. For All Floor.				
		(A) For wall & similar surfaces	5.00	8.27	S.M.	41.35
		(B) For ceilings and soffits	5.00	9.02	S.M.	45.10

90	106	Distempering two coats with oil bound washable distemper of approved brand & manufacture & of required shade on wall surface to give an even shade over and & incl. a priming coat of alkali resistance primer of approved brand after throughly brushing the surface to give an even shade after throughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and smooth.				
		(A) For wall & similar surfaces	5.00	48.15	S.M.	240.75
		(B) For ceilings and soffits	5.00	53.56	S.M.	267.80
91	129	Apply two coats of putty and two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface fr	5.00	47.88	S.M.	239.40
92	130	Distempering two coats on previously distempering wall (without primer) with oil bound washable distemper of approved brand & required shade on wall surface to give an even shade after throughly brushing the surfaces clean of all grease, dirt loose places of sceles & also including preparing the surface even and smooth.	5.00	38.50	S.M.	192.50
93	131	Wall painting with two coats of Acrylic emulsion plastic paint of approved brand over existing surface to give an even shade & surface free from mortar dropping & other foreign matter & sand papered smooth etc. comp.	5.00	52.92	S.M.	264.60
94	35	Applying Priming coat over new steel and other metal surface after over and including preparing the surface by throughly cleaning oil, grease dirt and other foreign matter and scoured with brushed fine steel wool, scrapers and sand paper with ready mixed priming paint brushing red lead.	5.00	23.33	S.M.	116.65
95	35A	Painting two coats of enamel paint (Excluding priming coat) over previously painted wall with even shade & surface after removing dirt, dust foreign matter etc. comp.(M.R.)	5.00	60.00	S.M.	300.00
96	35B	Painting two coats of enamel paint over priming coat after removing entire whitewash/colourwash surface dirt, dust foreign matter & also incl. preparing the surface even & sand papered smooth etc. comp.(M.R.)	5.00	76.00	S.M.	380.00

97	132	<p>Providing & applying two coats of weather shield max paint (3 coats may be required in case of darker colours.)of ICI Dulux or Apex Ultima of Asian Paint including applying exterior acrylic primer coat as per manufacturers specification and directions in shade and colour approved by architects, on exterior surfaces of the building including scaffolding, preparing the surface, watering, curing etc. complete and as directed by the architects and manufacturers.</p> <p>Surface Preparation : surface is thoroughly clean, dry and free from all loose dirt, chalk, grease, fungi, algae and flaking paint. This can be achieved by brushing with a wire/ stiff coir brush, followed by water jetting if required. Fill up all minor cracks and defects with white cement and sand mixture in the ratio 1:3. For application on previously painted wall, previous coatings of paint must be thoroughly scraped off and Clean the surface thoroughly using wire brushes.</p> <p>Priming: Apply a liberal coat of exterior acrylic primer and allow it to dry for 4-5 hours. Application of putty is not recommended. Minimum 4-6 hours duration is required between each coat of weather shield max paint</p>	5.00	80.00	S.M.	400.00
98	80	Providing & fixing at all floor levels, both face polished machine cut edge green kota stone slab (30mm) for urinal partition joined with grey cement slurry (1:1) incl. Rubbing & polishing etc. complete. (M.R.)	5.00	709.00	S.M.	3545.00
99	133	Providing & Fixing including making gisi & fixing at all floor levels both face polished machine cut edge, granite stone slab for urinal partition joined with grey cement mortar (1:3) incl. Rubbing & Polishing etc. Complete. Including half round edge for granite. (Basic Rate of Granite : Rs. 1200.00 / S.M.)	5.00	2900.00	S.M.	14500.00
100	3A	Providing & laying cement concrete 1:2:4 (1 cement:2 sand:4 graded stone agg. 20 mm nominal size)& curing comp. Includ.cost of form work but exclu. Cost of reinforcement for reinforced concrete work in : (A) Foundation, footing, Base of columns and Mass concrete.	2.00	3499.15	C.M.	6998.30
101	5A	<p>Providing & laying ordinary cement con.1:2:4(1cement:2sand:4graded graded stone agg. 20 mm nominal size) finishing smooth curing etc. comp. Includ. Cost of form work but excl. Cost of reinforcement for R.C.C. Work in : Up to G.L./P.L.</p> <p>(A) COLUMNS:</p> <p>(1)Having c/s area up to 0.08 sq.mt</p> <p>(2) Having c/s area more than 0.08 sq. mt. & upto 0.12 sq.mt</p> <p>(3) Having cross sectional area more than 0.12 sq. mt.</p> <p>(B) BEAMS :</p> <p>(1)Having c/s area up to 0.08 sq.mt</p> <p>(2) Having c/s area more than 0.08 sq. mt. & upto 0.12 sq.mt</p> <p>(3) Having cross sectional area more than 0.12 sq. mt.</p>	1.00	8082.53	C.M.	8082.53
			1.00	7281.49	C.M.	7281.49
			1.00	6276.48	C.M.	6276.48
			1.00	6473.95	C.M.	6473.95
			1.00	5861.98	C.M.	5861.98
			1.00	5144.95	C.M.	5144.95
102	2	Providing & laying C.C 1:3:6 (1cement :3 coarse sand :6 crushed stone agg. 20 m.m Nominal size)& curing comp. incl. cost of from	2.00	3476.32	C.M.	6952.64

		work in: wall caps/ copings.				
103	123	Box Cutting the road surface to proper slope and camber for making base includinng removing the excavated stuff and depositing on the road side slope as directed up to 50 mt. lead.	5.00	69.47	C.M.	347.35
104	120A	Preparation of subgrade with Compacting, Levelling and consolidation of subgrade with miniroller /plate vibrator machine including watering and filling in depressions which occur during the process as directed by engineer in charge.	0.00	4.55	S.M.	0.00
105	Self.Expl.	Providing & filling with Mix soil in layers of 20 cm. Th'. Incl. watering, ramming & consolidation etc. complete.	0.00	162.08	C.M.	0.00
106	Self.Expl.	Providing, Supplying & Sprading of Gravel in Play area including dressing etc. comp.	15.00	1150.00	C.M.	17250.00
107	119	Supplying & filling fine sand(pana) in 150 mm compacted thickness over the base including necessary compaction, watering etc. complete. Item includes leveling by using vibratory plates compacted machine and as directed by engineer in charge.	0.00	339.70	C.M.	0.00
108	121A	Removing & resetting existing readymade c.c. kerb stone of required size & thickness in line .level and in truly vertical position including filling joints in C.M. 1:1 (1 part of cement : 1 part of stone dust) smooth pointing in C.M. 1:1 (1 part of cement : 1 part of coarse sand) including watering etc. complete and as directed by engineer in charge. (M.R)	5.00	41.41	R.M.	207.05
109	122B	Removing and Resetting of Paver block of walk-way with necessary sand / pana filling and make in line and level with necessary vibrating using compactor machine.	60.00	108.00	S.M.	6480.00
110	Self.Expl.	Removing and Resetting of Kota Stone paving for footpath in line , level and in proper gradient including 25mm thick bedding in C.M. 1:6 (1 cement:6 sand) with sufficient ramming consolidation. Providing Joints in 1:3 (1 cement:3 sand) and smooth pointing in C.M 1:1 (1 cement:1 sand) including watering etc, complit and as directed by Engineer in charge.	5.00	107.00	S.M.	535.00
111	79	Providing and laying rough chiseled dressed stone flooring over 20mm thick base of cement mortar 1:5 (1 cement : 5 coarse sand) or L.M. 1:1.5 including pointing with cement mortar 1:2 (1 cement : 2 stone dust) etc. (A) 25mm thick	5.00	389.20	S.M.	1946.00
112	121	Providing 100mm thick readymade C.C. kerb of strength M-20 (size 300mm x 380mm) purchased from SMC's approved paverblock manufacturer & setting in line, level and in truly vertical position, including filling joints in C.M. 1:1 (1 part of cement : 1 part of stone dust) smooth pointing in C.M. 1:1 (1 part of cement : 1 part of coarse sand) including watering etc. complete and as directed by engineer in charge.	5.00	236.34	R.M.	1181.70
		For rounding at the edge of footpath (For	0.00	323.20	R.M.	0.00

		fanning portion)				
113	122A	Providing interlocking type Rubber moulded cement concrete paver block of approved shape, design & colour having 60mm thickness (M-35) purchased from SMC's approved paverblock manufacturer only & fixing of fine sand bedding. Item includes levelling by using vibratory plates compacted machine. Item also includes all materials, labour, equipments, tools, plants, watering, cleaning etc. complete.				
		With colour	2.00	431.27	S.M.	862.54
		Without colour	2.00	419.15	S.M.	838.30
114	122	Providing & fixing interlocking type Cement Concrete paver block of approved shape & design having 60 mm thickness (M-40) purchased from SMC's approved paverblock manufacturer only on fine sand bedding. Item includes leveling by using vibratory plates compacted machine. Item also includes all materials, Labour, euipments, tools, plants, watering, cleaning etc. complete.	5.00	365.62	S.M.	1828.10
		For Road Junction 80 mm thick (M-50)	5.00	527.22	S.M.	2636.10
115	120	Providing & laying Granular sub base (GSB) confirming to Grading-II of Table 400.0 of compacted thick of 150mm with specified graded stone metal and sand mixed in place and laid with mechanical means spreading with motor grader and compacting with vibratory roller having minimum 80-100 KN static weight to acheve desired density of 98% of MDD including all material, labour, machinery with all leads and lift etc. complete.	5.00	1054.00	C.M.	5270.00
116	Self.Expl.	Providing & laying cement concrete Pavement using 1:1.5:3 (1 cement:1.5 sand:3 graded stone agg. 20 mm nominal size) & Vaccuum Dewatering technique including floating surface with a skim powder floater, curing etc. complete.	0.00	5557.00	C.M.	0.00
117	Self.Expl.	Providing & laying cement concrete Pavement using 1:2:4 (1 cement:2 sand:4 graded stone agg. 20 mm nominal size) & Vaccuum Dewatering technique including floating surface with a skim powder floater, curing etc. complete.	0.00	4914.00	C.M.	0.00
118	Self.Expl.	Providing and laying 200 micron plastic sheet on prepared sub base For V.D.S Concrete	0.00	26.00	S.M.	0.00
119	104	Steel work welded in built up sections, framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint				
		(A) in beams & joists channels angles, tees, flats with connection plates or angle cleats as in main & cross beams,hip & trussed purlins connected to common raffers & the like.	0.00	63.93	Kg.	0.00
		(B)For work like chain link fencing, above compound wall etc.	0.00	63.93	Kg.	0.00
		(C)in trusses & trussed purlins upto 25m.Span &15m.Overall height	0.00	64.75	Kg.	0.00
120	107	Providing and fixing G.I. chain link of 50mm x 50mm size x 10 guage thick with nuts, bolts, washer or G.I. pins, excluding M.S. angles etc.complete as per relevent IS specification & directed by engineer in charge. (TATA or Jindal Make)	0.00	275.00	S.M	0.00

121	Self.Expl.	Providing and fixing and fitting TATA or Jindal make G.I. barbed wire fencing with necessary barbed wire (12 x 14 guage, weight not less than 0.14 kg. / mt.) pins, hooks, excluding M.S. angles etc. complete as per relevent IS specification.& directed by engineer in charge	0.00	85.00	Kg.	0.00
122	108	Providing and Fixing hot dip concertina coil of 610 mm dia. made out of 2.59 mm (12 SWG) hot dip galvanized (G.I. coating not less than 200 gm/sqmt.) th. wire having 80 nos. of spikes and 200 nos. of clips made out of stainless steel (AISI 304) 1.5 mm th. dia., G.I. strips 0.5 mm th. (G.I. coating not less than 120 gm/sq.mt.) weight of one coil should not be lesss than 15 kg. etc., complete at the top of compound wall fixed with S.S. clips and binding wires whereever necessary etc. complete. (NOTE: Strctching length of one coil should not be more than 9 mt.)	0.00	231.00	R.M.	0.00
123	Self.Expl.	Providing and fixing 1.20 meter high fencing with 2.0 meter long M.S. angle post 40mm X 40mm X 6mm and oil painting 3 coats fixed at 2.5 mt.C/C. with five horizontal lines and two diagonals of galvanised steel barbed wire of 'TATA make' weighing 9.38 Kg.per 100 meter, strained and fixed to posts with G.I. staples, including fixing posts in ground with 0.5 m X 0.5 m X 0.5 mt. block in C.C. 1:5:10 etc. comp.	0.00	409.00	R.M.	0.00
124	Self.Expl.	Providing and fixing 20 mm x 20mm x 10 gauge thick (using TATA make G.I.wire) galvanise ironwire mesh (G.I. Crimped net) including cutting fixing etc.complete.	5.00	590.00	R.M.	2950.00
125	109	Providing corrugated G.I. Sheets roofing fixed with Galvanised Iron ' J ' or 'L' hooks bolts & nuts 8 mm.dia with bitumen & G.I. Limpet washers filled with white lead comp. excluding the cost of purlins, rafters and trusses.				
		(ii) 0.63mm THick Sheet	10.00	896.00	S.M.	8960.00
126	Self.Expl.	Providing & fixing colouron galvaniced steel, zinc / aluminium allus coated sheet 0.5 mm. thick roofing fixed with gslvanised grom J or L hook bolts and bolt 8mm dia with bituman and impet washer filled with white lead etc. Excluding the cost of purlins rafter and trusses.(TATA or Jindal Make)	5.00	838.00	S.M.	4190.00
127	110	Providing & fixing 150mm wide 450mm over all semicircular plain G.I. sheet class-3 gutter with iron brackets 40mm x 3mm size bolts, nuts, washers etc. including marking necessary connection with rain water pipes. (i) 0.63mm thick	0.00	395.00	R.M.	0.00
128	111	Providing ridges or hips 600mm over all in plain G.I. sheet fixed with G.I. "J" of "L" hooks bolts and nuts 8mm dia G.I. limpet and bitumen washer complete (1) 0.63mm thick sheet	0.00	450.00	R.M.	0.00

129	96	Providing & Fixing UV stabilise FRP Sheet roofing with overlapping the main cladding on both edges. All fixing holes must be predrilled oversize as specified for the sheet length and fastener being used. Fasteners must be fitted with approved washers. Fixings should be tightened to ensure a weatherproof seal but they must not be over tightened Side-lap fasteners must also be installed at specified centers with the FRP sheet having clearance holes provided as per the main fasteners Weatherproofing shall be provided at all flashing points under the normal flashing by the fitting of a foam closure strip to match the profile being used. Closure strips will be sealed to the sheet with an appropriate non setting silicone sealant. Excluding the cost of purlins rafter and trusses.				
		(a) 1.5 mm thick	10.00	772.00	S.M.	7720.00
		(b) 2 mm thick	0.00	890.00	S.M.	0.00
130	Self.Expl.	Providing & Fixing Polycarbonate sheet roofing with surface of the sheet is coated with an anti-UV Co-extrusion layer having good weather resistance, it can maintain its optical properties and mechanical performance for a long time. Fasting is usually done by screws. , The fastening screws should be inserted about 500 mm apart and 300mm apart Along the supporting internal purlin and edge pulin.All fixing holes with diameter at least 2 mm larger than screw must be predrilled into each screw location. The screws should be 6mm diameter with length according to sheet thickness and corrosion resistant, with at least heavy duty hot dripped galvanized or stainless steel. Excluding the cost of purlins rafter and trusses.				
		(a) 1.5 mm thick Solid Sheet	5.00	1150.00	S.M.	5750.00
		(b) 2 mm thick Solid Sheet	5.00	1400.00	S.M.	7000.00
131	Self.Expl.	Pro.& fixing corrugated ACRYLIC COLOURED - 1.m mm roofing fixed with galvanized from 'J' or 'L' hook bolts & bolt 8 mm dia with bitumen and Limpet washer filled with white lead etc. comp. excluding the cost of purlins rafter & trusses	5.00	500.00	S.M.	2500.00
132	83, 84, 85	Providing and fixing Rolling shutter of approved make made of 80 mm wide M.S. laths of 20 gauge inter looks together through their entire length & jointed together at the ends of by end locks mounted on specially designed pipe shaft with bracket plated, guide channels of 14 gauge & arrangement for inside & out side locking(locking (locking rail/putti of 16 gauge) with push-pull operation including the cost of hood cover of 24 gauge & spring etc. complete.				
		(A) Shutters having width below 3.5m	0.00	3812.43	S.M.	0.00
133	Self.Expl.	Providing & Fixing 80 mm dia M.S. pipe as vertical post are beded in 1:1.5:3 concrete also horizontally in line and connecting to purline angle etc by welding rereteng etc. (a) Medium duty "B" Class	10.00	850.00	R.M.	8500.00
134	Self.Expl.	Providing & Fixing 50 mm dia M.S. pipe as vertical post are beded in 1:1.5:3 concrete also horizontally in line and connecting to purline angle etc by welding rereteng etc. (a) Medium duty "B" Class	10.00	503.00	R.M.	5030.00

135	Self.Expl.	Providing & fixing black board on walls of 1.8mt.x1.2mts size made up to 12 mmth.B.W.P .Plywood (Brand Saras,Kitply,Uniply, Anchor, Green,Wood Stock or century) fixed with teak wood beading of 65 mmx 50mm size, rubbing & sanding comp., incl. applying two coats of black board paint over a priming coat on plywood & French polishing the frame all round etc. Comp. as per instruction of Engineer in charge (M.R.)	0.00	3915.00	No.	0.00
136	Self.Expl.	Providing & Fixing Reading table size 8' x 4' and height 2'-6" with table top 18mm thick (Brand Saras,Kitply,Uniply, Anchor, Green,Wood Stock or century) commercial plywood with 1.0mm thick lamination sheet fitting with teakwood moulding table top supported on 3" x 3" teakwood leg & 3" x 11/2" teakwood framing top and bottom with french polish labour work hardware etc. as per site in charge instruction and as per drawing.	1.00	12450.00	No.	12450.00
137	Self.Expl.	Providing & Fixing Librarian table with 18mm thick commercial plywood (Brand Saras,Kitply,Uniply, Anchor, Green,Wood Stock or century))with 1.0mm thick lamination sheet table top supported on 2" x 2" teakwood leg & make 3 nos. drawers of 1' 3" width on both side with necessary french polish hardware labour etc. as per site incharge instruction and as per drawing (Size 4' x 2'-6" x 2'-6" , all framing other then legs are teak wood of size 2" x 1")	0.00	8040.00	No.	0.00
138	Self.Expl.	Labour work for chiesel shape(Bhala type) of grill square bar or Round Bar.	20.00	10.00	No.	200.00
139	Self.Expl.	Providing & Fixing 8 mm dia Chain For Swing	10.00	120.00	No.	1200.00
140	Self.Expl.	Providing & Fixing Kada For Swing	10.00	360.00	No.	3600.00
141	Self.Expl.	Steel work of square pipe hollow section, as per require size, welded in built up sections, framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (A) In beams and joints channels angles, tees, flats with connection plates or angles cleats as in main and cross beam, hip and trussed purlins connected to common rafters and the like.(Rate analysis)	5.00	110.00	Kg.	550.00
142	Self.Expl.	Cutting out cracks of wall or terrace to V section ,cleaningout, grouting with cement and sand slurry 1:3 (1 cement : 3 sand). at any height	0.00	41.41	R.M.	0.00
143	Self.Expl.	Providing & fixing Wooden file storage/divider 7.00' height with all outer surface laminate finish using 18 mm th vertical,horizontal and shutter , selves commercial plywood approved make, 01 mm th SF finish laminates,teakwood liping,brass hinges, ss handle lock,megnate & necessary hardware materials etc.inside and liping franch polish finish complete in all respects by Engineer in charge	0.00	407.00	Sq.ft.	0.00
144	Self.Expl.	Providing & fixing hard drawn wire fabrics 75 mm x 25 mm MESH of weight not less than 7.75 kg/s.m to windows/ventilators frames etc. at all floor levels including 60 mm x 20 mm bidding of teakwood incuding providing and fixing salwood frames 7 cm x 7 cm size for ventilators etc complete.				
		For Ventilators all floor.	5.00	1342.00	S.M.	6710.00

145	Self.Expl.	Applying polymer modify mortar in proportion at 1:2(one part cement: 2 part white sand(sweet water) with chemical(SBR) dosage of minimum 5 litre pe bag of cement. Also apply bonding agent prior to polymer modify mortar in proportion of (1:1)(1 part SBR : 1 part cement) using Roof, MC and FOSROC				
		Beam / Columns	5.00	1830.00	S.M.	9150.00
		Ceiling	5.00	1830.00	S.M.	9150.00
146	Self.Expl.	Crack Repairs:-Crack filling using fiber reinforced polymer modified mortar after opening crack in "V" grove, Making Surface dust free, with a bond coat of polymer as per the data sheet for crack repairing cracks less than 8mm	0.00	120.00	R.M.	0.00
147	Self.Expl.	Providing and fixing rebar of following diameter using chemical grout of Swanchore/Hilti/Fischer or equivalent make including cost of all equipments, tools, material, labour, etc. Standard procedure as mentioned in manufacturer's specifications shall be strictly followed, which shall be submitted and got approved from the authority prior to start of work. The rate shall also include cost of drilling of hole of required diameter and depth as mentioned in manufacturer's specification, cleaning the hole with required air blower and other necessary tools and tackles, positioning, providing and grouting chemical, allied fixtures and fasteners, etc. but excluding the cost of reinforcing bar etc. complete. Item includes necessary scaffolding, staging, labour, tools and equipments, etc. complete as directed by the engineer-in-charge.				
		(A) 8 mm dia	10.00	80.00	No.	800.00
		(B) 10 mm dia	5.00	90.00	No.	450.00
		(C) 12 mm dia	5.00	125.00	No.	625.00
		(D) 16 mm dia	5.00	190.00	No.	950.00
		(E) 20 mm dia	5.00	340.00	No.	1700.00
		(F) 25 mm dia	5.00	500.00	No.	2500.00
148	134	Providing and Fixing Stainless Steel (Grade 304) Railing made of Hollow tubes, channels, plates etc. Including Welding, Grinding, Buffing, Polishing and Making Curvature (Wherever Required) and fitting the same with necessary Stainless Steel Nuts and Bolts Complete, i/c fixing the Railing with Necessary Accessories & Stainless Steel Dash Fasteners, Stainless Steel Bolts etc. of Required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)	20.00	425.00	Kg.	8500.00
		WATER SUPPLY & SANITARY ITEMS				
149	53A	Prov.& Fixing water closet squatting pan (Orissa type W.C.pan) at all floor levels, size 580mm incl. 100 mm size "P"or "S" trap for water closet squatting pan joining the trap with the pan & soil pipe in C.M. 1:1 (1cement :1 fine sand) etc. Comp.(A) Vitreous china long pattern of approved colour For all Floor				
		Make -Cera,Parry ware, Jaquar, Hindware	2.00	2150.00	No.	4300.00

150	53B	Providing and fixing Wash Down Water closet European type W.C. pan with integral P or S trap with normal closing seat cover L bend including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 find sand) (A) Viterous china pattern - I				
		Make -Cera,Parry ware, Hindware - 350 x 500 x 390 mm	2.00	3800.00	No.	7600.00
		Make -Jaquar - 350 x 480 x 390 mm	2.00	3975.00	No.	7950.00
151	53C	Providing and fixing plastic seat and cover for wash down water closet with C.P. brass hinges and rubber buffers (B) Black plastic seat and cover.	2.00	343.77	No.	687.54
152	135	Providing & fixing white viterious china Urinal of size 450 x 325 mm as per IS-2556 (Part-2) with C.I. Hangers and 15mm dia. C.P. Spreader, 32mm dia CP bottle trap and pipe to wall with C.P. Flange complete including cutting and making good the walls and floors wherever required.				
		Make -Cera,Parry ware, Jaquar, Hindware	2.00	2750.00	No.	5500.00
153	54	Providing & fixing wash Hung basin with single hole for pillar tap, Size 550x400mm at all floor levels, with C.I. or M.S. Brackets painted white incl. cutting holes & making good the same etc. complete. For all Floor				
		Make -Cera,Parry ware, Jaquar, Hindware	5.00	2650.00	No.	13250.00
154	55	Providing & fixing 600 mm.x 450 mm. mirror of superior glass at all floor levels, mounted on 6 mm. th. A.C. sheet or plywood sheet & fixed to wooden plugs with C.P.brass screws and washers etc. For all Floor	10.00	556.76	No.	5567.60
155	Self.Expl.	Providing and fixing Towel Ring fabricated from seamless stainless steel tube 2mm thick in Bath room with polished wall flange at end of bars with heavy duty anchor fasteners & accessories				
		Make -Cera,Parry ware, Jaquar, Hindware	2.00	1050.00	No.	2100.00
156	Self.Expl.	Providing & fixing S.S. Towel Rail of 600mm Long approved make including, providing & fixing C.P. Brass screws, making holes in wall & making good.				
		Make -Cera,Parry ware, Jaquar, Hindware	2.00	1250.00	No.	2500.00
157	Self.Expl.	Providing & fixing stainless steel recessed type Soap Dish of approved make. Including providing & fixing screws, washers, cutting & making good the walls.				
		Make -Cera,Parry ware, Jaquar, Hindware	5.00	750.00	No.	3750.00
158	Self.Expl.	Providing & fixing Health Faucet ABS Body with wall Hook & 1 Meter Chrome plated PVC Hose Pipe.				
		Make -Cera,Parry ware, Jaquar, Hindware	2.00	1350.00	No.	2700.00
159	57A	Prov. & Fixing S.W. Gully trap with C.I.grating brick masonry (C.M 1:5)chamber & water tight C.I. cover with frame of 300mmx300mm size (inside) with weight to be not less than 4.53kg, includ. plastering smooth inside & outside 15mm. th' in C.M.1:3 etc. comp. (i) Square mouth traps---				
		(A) 100mm x 300mm Size -P type	2.00	1350.37	No.	2700.74
		(B) 150mm x 100mm Size- P Type	0.00	1295.94	No.	0.00

160	57	Prov. & Fixing S.W. Gully trap with C.I.grating brick masonry (C.M 1:5)chamber & water tight Pre cast R.C.C. cover of 300mmx300mm size (inside) includ. plastering smooth inside & outside 15mm. th' in C.M.1:3 etc. comp. (i) Square mouth traps---				
		(A) 100mm x 300mm Size -P type	5.00	943.42	No.	4717.10
		(B) 150mm x 100mm Size- P Type	0.00	888.99	No.	0.00
161	58	Prov. & Fix. 10 cm.x15 cm.(4" x 6") S.W. trap with Inside dimension ,455 x 610 mm & 450 mm deep sewer trap chamber with 23 cm th' B.B. masonry walls in C.M 1:5 with cement plaster 15 mm th' in C.M. 1:3 inside & outside to exposed faces, R.C.C. top slab with 1:2:4 mix (1 cement: 2 Sand : 4 Grade stone aggregate 20mm size) ,Foundation concrete 1:5:10 & fixing C.I. cover with frame to be not less than 38 kg. On top etc. comp. for single pipe.	1.00	3077.66	No.	3077.66
		.(A).Same as above but Precast RCC heavy duty Cover instead of C.I. Cover	3.00	2643.92	No.	7931.76
		Extra for every additional depth of 0.1 mt beyoung 0.45 mt	2.00	222.71	Each	445.42
162	59	Providing & construction simple chamber of 23 cm. th' B.B. Masonary in C.M 1:5 with cement plaster 15 mm th' in C.M. 1:3 inside & outside to exposed faces, R.C.C. top slab with 1:2:4 mix (1 cement: 2 Sand : 4 Grade stone aggregate 20mm size) ,Foundation concrete 1:5:10 & fixing C.I. cover with frame to be not less than 38 kg. On top etc. comp. Inside dimension,455 x 610 mm &450 mm deep for single pipe	2.00	2854.96	No.	5709.92
		.(A).Same as above but Precast RCC heavy duty Cover instead of C.I. Cover	15.00	2421.21	No.	36318.15
		Extra for every additional depth of 0.1 mt beyoung 0.45 mt	0.00	222.71	Each	0.00
163	60	Providing, Lowering & laying joining R.C.C. NP2 CLASS Pipe In C.M. 1:1 of following nominal internal diameters incl. Testing of pipes and joints etc. Comp				
		(A) 100 mm. dia.	2.00	261.00	R.M.	522.00
		(B) 150 mm. dia	2.00	202.56	R.M.	405.12
		(C) 200 mm. dia	2.00	255.53	R.M.	511.06
		(D) 250 mm. dia	2.00	462.58	R.M.	925.16
164	62	Providing & laying in trenches galvanised mild steel tubes (medium grade) TATA / ZENITH / ASIAN / JINDAL MAKE of the following nominal bore & tube fittings etc. comp..-				
		(A) 25mm.dia.	10.00	236.49	R.M.	2364.90
		(B) 40 mm. dia.	0.00	358.45	R.M.	0.00
		(C) 65 mm. dia.	0.00	593.88	R.M.	0.00
165	61	Providing & Fixing to wall, ceiling floor at all floor levels, galvanised mild steel tubes(medium grade) TATA / ZENITH / ASIAN / JINDAL MAKE of the following nominal bore, tube, fittings & clamps incl. making good the wall ceiling and floor etc. complete.				
		(A) 15 mm. dia.	5.00	166.50	R.M.	832.50
		(B) 25 mm. dia.	5.00	288.46	R.M.	1442.30
		(C) 40 mm. dia.	5.00	442.23	R.M.	2211.15
		(D) 50 mm. dia.	0.00	573.73	R.M.	0.00
166	63	Providing and fixing 15mm Dia bib tap with wall Flange at all floor levels,polished bright etc. Comp.				

		Make -Cera,Parry ware, Hindware	2.00	750.00	No.	1500.00
		Make -Jaquar	2.00	1060.00	No.	2120.00
167	64	Providing & Fixing gun metal check or non return full way wheel valve at all floors levels, etc. complete.				
		(A) 15 mm. dia.	2.00	220.47	No.	440.94
		(B) 25 mm. dia.	2.00	496.35	No.	992.70
		(C) 40 mm. dia.	2.00	782.84	No.	1565.68
168	Self.Expl.	Providing and fixing Screw down stop taps (a) 15 mm. dia.	2.00	241.39	No.	482.78
169	65	Providing & fixing Metropole flush valve with wall flange 25mm with lever Knob at all floor levels, of approved quality incl. Fixing in pipe line etc. Comp				
		Make -Cera,Parry ware, Jaquar, Hindware	2.00	1690.00	No	3380.00
170	66	Providing & Fixing C.P. Brass screw down bib tap at all floor levels, polished bright etc. comp.- (A) 15mm dia. For all Floors	2.00	204.68	No.	409.36
171	Self.Expl.	Providing Flush Cock consisting lever, cartridge sleeve & flange & concealed part				
		Make -Cera,Parry ware, Jaquar, Hindware	2.00	2600.00	No.	5200.00
172	Self.Expl.	Providing & fixing 15mm C.P. Brass angle valve (stop cock) with C.P. Copper connecting pipe 450mm long and nuts, washer and brass flange complete, including cutting and making good the wall where required.				
		Make -Cera,Parry ware, Hindware	5.00	750.00	No.	3750.00
		Make -Jaquar	2.00	1060.00	No.	2120.00
173	Self.Expl.	Providing and fixing C.P. Brass pillar cock with copper connection ,C.P. Brass screws complete				
		Make -Cera,Parry ware, Hindware,Jaquar	5.00	1350.00	No.	6750.00
174	Self.Expl.	Providing and fixing waste Pipe for Washbasin or sink (A) 32 mm Dia	5.00	99.08	No.	495.40
175	Self.Expl.	Providing and fixing Supply Pipe for Washbasin or sink	5.00	80.00	No.	400.00
176	Self.Expl.	Providing and fixing Jet Sprey Cock at all floor level etc. complete.	2.00	500.00	No.	1000.00
177	Self.Expl.	Providing and fixing				
		(A) 40 mm thick RCC cover for simple chamber,s.w.trap & tank Top	5.00	400.00	No.	2000.00
		(B) PVC water tank cover upto 2000 Lit.	5.00	200.00	No.	1000.00
178	Self.Expl.	Supplying and fixing C.I. cover 300 mm X 300mm. without frame for gully trap (standard pattern) the weight of cover to be not less than 4.53 Kg.	5.00	660.00	No.	3300.00
179	67	Providing and fixing C.I. Manhole cover 0.60 x 0.45 mt. Size having weight not less than 35 Kg. etc. complete.	2.00	1130.64	No.	2261.28
180	91	Providing & Fixing U-PVC pipe (SWR) confirming to IS no. 13592 (Type "B") of Prince/Supreme/Jain/Astral/Tulsi make for soil and waste discharge system at all floor levels incl. All fixtures like bends, tees, shoe etc. jointed with resin of approved brand & manufacture etc. comp. (M.R.)				

		(A) 75mm Dia	5.00	260.00	R.M.	1300.00
		(B) 110 mm. Dia.	5.00	365.00	R.M.	1825.00
		(C) 160 mm. Dia.	0.00	650.00	R.M.	0.00
181	91A	Providing & fixing U-PVC pipes Confirming to IS no. 13592 (Type "A") of Prince/Supreme/Jain/Astral/ Tulsi make for rain water at all floor levels incl. fixtures like bends, tees, shoe etc joined with resin of approved brand & manufacture etc. comp. (M.R.) .				
		(A) 75 mm. Dia	5.00	160.00	R.M.	800.00
		(B) 110 mm. Dia.	5.00	262.00	R.M.	1310.00
		(C) 160 mm. Dia.	0.00	527.00	R.M.	0.00
182	Self.Expl.	Providing, Laying and jointing on true line and level UPVC pipe (SCH-40) line of Prince/Supreme/Jain/Astral/ Tulsi/Finolex make including fittings make or equivalent as approved by engineer-in-charge. Pipe shall be fixed on the wall the help of clamp at every two meter C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.				
		(A) 15 mm dia.	2.00	85.72	R.M.	171.44
		(B) 25 mm dia.	2.00	108.36	R.M.	216.72
		(C) 32 mm dia.	2.00	140.59	R.M.	281.18
		(D) 40 mm dia.	2.00	174.76	R.M.	349.52
		(E) 50 mm dia.	2.00	230.90	R.M.	461.80
		(F) 65 mm dia.	0.00	385.00	R.M.	0.00
183	Self.Expl.	Providing & Fixing P.V.C. pipes (SCH-80) of Prince/ Supreme/ Jain/ Astral/ Tulsi/Finolex make for water supply line at all floor levels incl. fixtures like bends, tees, shoe etc joined with resin of approved brand & manufacture etc. comp. Pipe shall be fixed on the wall the help of clamp at every two meter C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.				
		(A) 15 mm dia.	0.00	93.00	R.M.	0.00
		(B) 25 mm dia.	0.00	161.00	R.M.	0.00
		(D) 40 mm dia.	0.00	248.00	R.M.	0.00
		(E) 50 mm dia.	0.00	319.00	R.M.	0.00
		(F) 65 mm dia.	0.00	582.00	R.M.	0.00
184	56	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mmdiameter with jali of the following nominal diameter of self cleaning designwith C.I. scread down or hinged grating including the cost of cutting andmaking good the walls.	10.00	372.24	No.	3722.40
185	Self.Expl.	Providing and fixing 100x 100 mm Size P.V.C /C.I Greting (Jali) for Nani Trap.	10.00	43.63	No.	436.30
186	74	Providing & Fixing in position PVC Cowl vent to pipes of Prince/Supreme/Jain make etc.Comp.				
		(A) 75 mm. dia.	5.00	40.00	NO	200.00
		(B) 110 mm Dia.	5.00	60.00	NO	300.00
187	74A	Providing & fixing M.S. Holder Bat clamps at all floor levels of approved design to C.I. Or S.C.I pipes including the cost of cutting holes & making good the wall etc. Complete - 100 mm. dia. (M.R.)	5.00	25.00	No.	125.00

188	Self.Expl.	Providing & fixing G.I./Aluminum Patti clamps at all floor levels of approved design to C.I. Or S.C.I pipes including the cost of cutting holes & making good the wall etc. Complete - 100 mm. dia. (M.R.)	5.00	15.00	No.	75.00
189	Self.Expl.	Providing & Fixing Kathi around the vertical PVC drainage pipes for concealing with cement plaster 20 mm avg thickness(CM 1:3 [1 cement :3 coarse sand]) finishing as per instruction given by Eng. incharge. for				
		(A) 75 mm PVC PIPE	5.00	102.00	R.M.	510.00
		(B) 100 mm /110 mm PVC PIPE	5.00	129.00	R.M.	645.00
190	92	Providing erecting and fixing double coated Syntex/Super/Reno PVC (ISI) mark water tank of required capacity each with all necessary fittings & connection etc. complete on terrace.	500.00	4.66	Lit.	2330.00
191	136	Providing & construction Septic tank as per the drawing clear size 4.0 mt.x 1.40mt.x1.60 mt. incl. Necessary excavation & refilling & disposing the surplus excavated earth within 50 mt. lead incl. bedding of 25cm th' brick masonry in C.M.1:6 & partition wall in C.M. 1:4 incl. 10mm th' cement plaster in C.M.1:4 to brick wall & 15 cm. th'. R.C.C slab on the top using 1:2:4 C.C excluding reinforcement as per the structural design with fixing C.I cover of 0.60mt.x 0.45mt.size & wt. Not less than 35 Kg. & providing necessary fittings as per drawing or as directed by Engineer in charge etc. comp. (Steel- 84.21 Kg.)	0.00	35378.28	No.	0.00
192	136A	Providing & construction Septic tank as per the drawing clear size 8.0 mt.x 2.6mt.x1.34 mt. incl. Necessary excavation & refilling & disposing the surplus excavated earth within 50 mt. lead incl. bedding of 25cm th' brick masonry in C.M.1:6 & partition wall in C.M. 1:4 incl. 10mm th' cement plaster in C.M.1:4 to brick wall & 15 cm. th'. R.C.C slab on the top using 1:2:4 C.C excluding reinforcement as per the structural design with fixing C.I cover of 0.60mt.x 0.45mt.size & wt. Not less than 35 Kg. & providing necessary fittings as per drawing or as directed by Engineer in charge etc. comp.. (Steel- 315.0 Kg.)	0.00	100560.65	No.	0.00
193	137	Providing & constructing soak pit as per drawing clear size 2.0 mt. dia. & 6mt.depth with necessary excavation,refilling&disposing of surplus excavated earth within 50 mt. lead, constructing 23 cm th.masonry in C.M. 1:6 for 3.0mt below G.L, incl.10 cm th. R.C.C slab on top using C.C. 1:2:4 excluding the reinf. As per the structural design with fixing C.I. cover 0.6mt. x 0.45mt.size weight not less than 35 Kg. & pro. Necessary filling as per drawing or as directed by Engineer-in-charge etc. (Steel- 31.5 Kg.)	0.00	21582.69	No.	0.00

194	76	Providing & laying ordinary C.C.1:1.5:3 mix for R.C.C. work incl. boxing, centering, vibrating, curing & mixed with approved water proofing cement compound or "CEMWET" or "PIDICRETE LW" integral water proofing admixture as water proofing agent to be mixed with 50 kg. cement bag shall be as recommended by the manufacture of the water proofing material, concrete work for top, bottom slab & side pardi for Under ground Tank & Item incl. Necessary excavation & refilling the available earth, 15 cm th' C.C 1:4:8 for bedding concrete, Half B.M. in C.M. 1:4 outside wall, inside R.C.C. pardi as per design, 10mm.th. water proofing cement plaster in C.M. 1:3 with smooth finishing, watering etc. Comp.to all inner face & bottom of tank curing etc. comp. incl. Locking arrangement, outlet, inlet, overflow & wash out pipe arrangement as necessary & C.I. Cover 0.60 x .045 weight not less then 35kg. etc. com. as per structural drawing excluding Steel & as directed by Engineer-in-charge				
		Underground tank	0.00	4.95	Lit.	0.00
195	138	Providing & Laying Commercial Quality white glazed tiles 6mm. th. in flooring laid on a bed of 20 mm. Av. Th.C.M.1:3(1cement :3 sand) & on wall Of R.C.C. Tank with necessary cement paste for fixing and joined with white cement slurry etc. complete. finished with flush pointing in white cement etc.com.	500.00	1.00	Lit.	500.00
196	89C	Providing and filling in depressions of Bath and W.C. At all floor levels, after completing plumbing work of pans, pipes, traps etc. with cinder or fly ash as directed by Engineer in charge etc. comp..	5.00	470.00	C.M.	2350.00
197	89A	NOTE :- (1) The whole work is to be executed through specialized agency with a guarantee of 10 (Ten) years given on a prescribed proforma duly stamped (2) The rate shall include for work at all floors & conducting water proof test as directed. (M.R.)				
		(A) Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C.,kitchen and the like consisting of : (a) I course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS : 2645 in recommended proportions. (b) II course of a layer of plaster in C.M. 1:3 with water proofing compound confirming to IS:2645 about 25 mm. th' in the floor of the depression & about 18mm th' On the side walls of the depression up to the floor level, water proofing plaster about 18 mm. th' be continued on the walls above the floor level for a height of 600 mm. with surface suitable to receive further treatment (c) Finishing top with stone aggregate 10mm to 12mm nominal size spreading @0.008 C.M./S.M., thoroughly embedad in plaster layer. as per specifications & instructions of Engineer in charge (Cement consumption 0.316 Bags / S.M.)	5.00	290.00	S.M.	1450.00

		<p>(B) Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc. consisting of following operations.</p> <p>(a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the R.C.C. slab including cleaning the surface before treatment.</p> <p>(b) Laying cement concrete using broken bricks/brick bats 25 mm to 100 mm size with 50% of cement mortar 1:5 (1 Cement : 5 Coarse sand) admixed with proprietary water proofing compound conforming to IS:2645 ,brick bats is finally covered by jointless cement plaster 20mm th. in C.M. 1:4 added with special water proofing compound confirming to IS:2645 & top smooth finished with trowel with false chequered marking of 300 mm.size.The treatment is carried along the vertical surface of the parapet & other adjoining wall up to height of about 300 mm in a shape of quarter round vata Incl. curing etc. Comp. With average thickness of 120 mm and minimum thickness at khurra as 65 mm.</p> <p>(c) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be down in order and as directed and specified by the engineer-in-charge. With average thickness of 120 mm and minimum thickness at khurra as 65 mm. (Cement consumption 0.511 Bags / S.M.)</p>	5.00	519.000	S.M.	2595.000
198	89B	<p>Providing & laying water proofing treatment to vertical and horizontal surfaces like consisting of (a) I course of applying cement slurry 4.4 kg per sq.mt. mixed with water proofing compound confirming to IS:2645 in recommended proportions. (b) II course of 20mm cement plaster 1:3 mixed with water proofing compound in recommended proportion (c) III course of applying blown or / residual bitumen applied hot at 1.7 kg per sqm of area. (d) IV course of 400mm micron th. PVC sheet. (Overlaps at joints of PVC sheet should be 200mm wide and pasted to each other with bitumen about 1.7 kg./ sqm.)</p>	0.00	453.00	S.M.	0.00
199	Self.Expl.	<p>Providing cement vata (10 cm x 10 cm) size quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete</p>	10.00	19.72	R.M	197.20
200	75	<p>Providing & fixing G.I. Rain water spout of 50 mm.dia & 30 cm length etc.</p>	0.00	114.53	No.	0.00
201	53A	<p>Prov.& Fixing water closet squatting pan (Orissa type W.C.pan) at all floor levels, size 580mm incl. 100 mm size "P" or "S" trap for water closet squatting pan joining the trap with the pan & soil pipe in C.M. 1:1 (1cement :1 fine sand) etc. Comp.(A) Vitreous china long pattern of approved colour For all Floor</p>	5.00	959.49	No.	4797.45
202	53B	<p>Providing and fixing Wash Down Water closet European type W.C. pan with integral P or S trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 fine sand) (seat and cover to be measured and paid for separately) (A) Vitreous china pattern - I (i) in approved colour</p>	5.00	941.72	No.	4708.60

203	Self Ex pl.	Providing & fixing wash basin with single hole for pillar tap at all floor levels, with C.I. or M.S. Brackets painted white incl. cutting holes & making good the same incl. fittings such as pillar tap , capstan head screw down high pressure with screws, shanks & back nuts, C.P. Brass waste trap , screw down stop tap 15 mm. dia. etc. complete. (A) Vitreous china flat back wash basin 550 mm.x 400 mm. size in approved colour For all Floor	2.00	1681.10	No.	3362.20
204	Self Ex pl.	Providing & fixing Urinal or approved quality including connecting the Urinal with waste pipe, tap etc. complete. (A) White earthenware flat back or corner type size 430 mm x 260mm x 350mm	5.00	700.99	No.	3504.95
205	M-67	Providing & Fixing chromium plated brass half turn flush cock at all floor levels, of approved quality incl. fixing in pipe line etc. Comp.-- 25 mm dia.	10.00	311.25	No.	3112.50
206	66	Providing & Fixing abonite ball cock of approved qualities directed etc. comp. (A) 25 mm. dia.	10.00	121.43	No.	1214.30
207	Self.Expl.	Providing & fixing Green board on walls of 1.8mt.x1.2mt size made up to 18 mm th.ply (using IS 710 Marin ply) with 1 mm thick outside greenboard & 0.8mm backside white laminate & with good Quality of adhesivewith appropriate fittings of Alluminium fittings or teak wood bedding 65mmx 50mm size, rubbing & sanding comp., as per instruction of Engineerin charge (M.R.)	0.00	5170.00	No.	0.00
208	Self.Expl.	Providing & fixing White board on walls of 1.8mt.x1.2mt size of 12mm thick with appropriate fittings and Alluminium fittings comp., as per instruction of Engineer in charge (M.R.)	0.00	3634.00	No.	0.00
209	Self.Expl.	Providing & Fixing simple 12mm thick commercial plywood (Brand Saras,Kitply,Uniply, Anchor, Green,Wood Stock or century) Rack of size 6' x4' and depth 1'-6" 5 Nos. horizontal partition, supported 2" x 1" framing with necessary french polish hardware labour etc. as per site incharge instruction and as per drawing.	0.00	6740.00	No.	0.00
210	Self.Expl.	Providing & Fixing fitting commercial 8mm thick plywood (Brand Saras,Kitply,Uniply, Anchor, Green,Wood Stock or century) magazine stand of Size 6' x 4' with 3" x 11/2" vertical supporting and adjustable lag support and horizontal simple 2" x 1" teakwood patti for magazine support with necessary french polish hardware labour etc.as per site in charges instruction and as per drawing.	0.00	5550.00	No.	0.00
211	R&B SOR 21-22	Welding Charge	0.00	606.00	Rmt	0.00
212		Providing and fixing 150 mm wide, approved quality chicken wire mesh (FRP / PVC)at junction of brick work and RCC work or two dissimilar surfaces, at all heights fixed by nails, rowal plugs or tag by cement mortar 1:3 before	2.00	102.00	S.M.	204.00

		applying the plaster, including curing, scaffolding all complete as directed.				
213	Self.Expl.	Providing and filling Epoxy grout of approved or suggested brand by consultant / Engineer in charge in 4mm to 6mm thick tiles joint including spacer with cleaning of joint by vacuum or blower etc	5.00	40.00	R.MT	200.00
214	Self.Expl.	Cutting of Groove 5 to 7 mm thick in VDS for depth 1/3 of total thickness with filling of epoxy sealent as directed by engineer in charge	5.00	50.00	R.MT	250.00
215	Self.Expl.	Part -B WATER BORING				
A	Self.Expl.	Labour charges for 6" Dia. Drilling in all Kind of soil up to required depth with necessary gravel packing etc,all comp.	0.00	344.40	R.M	0.00
B	Self.Expl.	Providing & Erecting 5"inch P.V.C. plain CS pipe of standard make (Finolex,Sumolex,Ashirwad) to be erected as casing pipe in bore etc.comp.	0.00	393.60	R.M	0.00
C	Self.Expl.	Providing & Erecting 5"inch P.V.C.stainer of standard make (Finolex,Sumolex,Ashirwad) to be erected as casing pipe in bore etc.comp.	0.00	426.40	R.M	0.00
D	Self.Expl.	Providing & Lowering 40" Dia, H.D.P.E. Std. pipe of standard make (Gindal) with required fitting etc. comp. as directed	0.00	80.36	R.M	0.00
E	Self.Expl.	Providing & Lowering 25" Dia, G.I.Std. pipe of standard make with required fitting etc. comp. as directed	0.00	321.44	R.M	0.00
F	Self.Expl.	Providing & fixing bend, Coupling, M.S. clamp, Adaptor Set with Required	0.00	3000.00	No.	0.00
G	Self.Expl.	Providing & Lowering of standard make pump set with necessary ISI cable,SD starter switch all Required, Pump set having capacity of 106 LPM at 40 mtr. head capacity 2HP all comp.	0.00	21500.00	No.	0.00
216	Self.Expl.	Providing & laying Vitrified tiles of 8mm thick of Orient, Kajaria, Jhonson, Nitco, Somani, Bell, Asian or Euro make in flooring,treads of steps & Landing laid on bed of 20 mm (Average) base of cement mortar 1:6 (1 Cement : 6 Coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantaling of existing flooring and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc. comp. Size 24" x 24" (Basic Rate-Rs.485.0/S.M.) For Antiskid tiles	4.00	938.54	S.M.	3754.16
217	Self.Expl.	Providing & fixing Z - clamps at all floor levels of approved design to C.I.S.C.I. or PVC pipes including the cost of cutting holes & making good the wall etc. Complete - 100 mm dia as per architect instructions.				
		(A) 40 to 50 mm dia	0.00	42.00	No.	0.00
		(B) 75 to 90 mm dia	2.00	55.00	No.	110.00
		(C) 110 mm dia to upto 150 mm dia	2.00	70.00	No.	140.00
		(C) 150 mm to 200 mm dia	2.00	78.00	No.	156.00
						0.00

218	Self.Expl.	Carring out plinth treatment to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistment with ISI specification. Using Chlordene and Chiorpurfiles 20 EC. As per 6131_paret-II Consentration Weight one percent is recommended i.e. one litre 20 EC chemical emulsion with 19 liter give 1% concentration inclusive of one litre chemical emulsion appication at the rate of 5 litre chemical / Sqm of surface is recommended as per IS.	0.00	55.26	Smt	0.00
219	Self.Expl.	Providing and laying broken china mosaic flooring for terrace using 12mm to 20mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall clearing with water and oxalic acid etc. as directed.	5.00	507.98	Smt	2539.90
220	Self.Expl.	Providing and fixing window having extruded aluminium Powder Coated section frame main outer size 95 mm x 24 mm x 1.17 mm (of jindal section no:2459 @ Wt. of 0.738 Kg/mt), horizontal Three track member size 92 mm x 31.75 mm x 1.30 mm (of jindal section no;8688, @ Wt. 1.07 Kg/mt), vertical member of size 92 mm x 31.75 mm x 1.50 mm (of jindal section no:8933, @ Wt. 1.06 Kg/mt) with sliding shutters of horizontal member size 40 mm x 18 mm x 1.29 mm (of jindal section no:8947 @ wt. of 0.456 kg/mt), vertical member of size 40 mm x 18 mm x 1.29 mm (of jindal section no:8949 @ wt. of 0.456 kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminium fittings & fixtures and transparent silicon sealant glass fixing to frame as per details etc.	5.00	1878.44	Smt	9392.20
		(A) Same as above but Colour anodized	0.00	1878.44	Smt	0.00
		TOTAL AMOUNT RS.				768639.51
		BELOW 34.95%				268639.51
		TOTAL				500000.00

--S.D--
Junior Engineer
North Zone (Katargam)
Surat Municipal Corporation

--S.D--
Deputy Engineer
North Zone (Katargam)
Surat Municipal Corporation

--S.D--
Executive Engineer
North Zone (Katagam)
Surat Municipal Corporation