## **FINANCIAL BID**

## CONSTRUCTION & ALLIED WORK FOR STATE BANK OF INDIA SME BRANCH, INDUSTRIAL ESTATE, BALOTRA

S.No	Item	Unit	Qty.	Rate	Amount
A	EARTH WORK				
A.1.1	Earth work in excavation by mechanical means (Hydraulic excavator )/ manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan in all kind of soil) including disposal of excavated earth, lead upto 50m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed:  All kinds of soil	CUM	341.41		
A.1.2	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	CUM	32.77		
A.1.3	Filling with locally available sand at all levels including watering ramming consolidating and dressing complete including cost of sand.	CUM	280.00		
A.1.4	Diluting and injection Chloropyrifos Emulsifiable concentrate 20% with 1% concentration for PRE-CONSTRUCTIONAL Anti termite treatment as per IS 6313 part III as amended from time to time and creating a continuous chemical barrier under and around the column pits, wall trenches, basement excavation, top surface of plinth filling, junction of wall and floor along the external perimeter of building expansion joints, over the top surface of consolidated earth of which aproch is to be laid surrounding of pipes and conduits etc. complete as per specification (Plinth floor area only shall be measured for payment and excluding the cost of chemical emulsion)	SQM	278.68		
В	CONCRETE WORK				
	PLAIN CEMENT CONCRETE (CAST-IN-SITU):				
	Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	CUM	52.10		
C	REINFORCED CONCRETE WORK				
C.1	RCC IN FOOTING				
	Providing and laying in position specified grade of cement concrete for all RCC structural elements upto plinth level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers( if required) excluding the cost of centering, shuttering and reinforcement. M25 grade Nominal Mix / Design Mix	CUM	79.36		
C.2	RCC IN BEAMS AND SLAB				
	Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor two level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers( if required) excluding the cost of centering, shuttering and reinforcement for Beams, suspended floors, roofs, griders having slopes up to 15°, landings, balconies, shelves, chajjas, lintels, bands, plain windows sills, staircases and spiral staircases etc.  M20 grade  Nominal Mix / Design Mix	CUM	117.09		
C.3	RCC IN COLUMNS/RCC WALLS				

ĺ		Providing and laying in position specified grade of cement concrete for	CUM	65.34			
		RCC structural elements upto floor five level including curing,					
		compaction, finishing with rendering in cement sand mortar 1:3 (1					
		cement: 3 coarse sand) and making good the joints and cost of plastizers					
		(if required ) excluding the cost of centering, shuttering and reinforcement					
		for Walls (any thickness) including attached pilasters, buttresses, plinth					
		and string courses, fillets, columns, pillars, piers, abutments, posts and					
		struts etc.					l
		M20 grade Nominal Mix / Design Mix					l
	1				I	I	1

D	CORREL DEINICOD CEMENTE.			
D	STEEL REINFORCEMENT:	17	22202.00	
	Providing and fabricating reinforcement for R.C.C. work including	Kg.	22302.00	
	straightening, cutting, bending, placing in position and binding (including			
	cost of binding wire) all complete up to floor two level.			
E	FORMK WORK			
	Centering and Shuttering with plywood or steel sheets including strutting,	SQM	78.22	
E.1	propping bracing both ways and removal of formwork for foundation,			
	footings, strap beam, raft, bases of columns etc.			
	Centering & shuttering with plywood or steel sheets including strutting,			
E.2	propping bracing both ways with steel props and removal of formwork			
15.2	for upto floor two level for:			
		COM	020.70	
	Suspended floors, roofs, landings, staircases, balconies, girders,	SQM	920.79	
a	cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas,			
	lintel, beam, plinth beam etc.			
b	Columns, pillars, posts and struts etc.	SQM	582.93	
F	BRICK MASONARY WORK :-			
	Brick work with F.P.S. bricks of class designation 75 in superstructure			
	above plinth level upto floor V level in all shapes and sizes in :			
	Cement mortar 1 : 4 (1 cement : 4 coarse sand)	CUM	170	
C		COM	170	
G	WATER PROOFING TREATMENT			
	Providing and laying water proofing treatment to vertical and horizontal			
G.1	surfaces of depressed portions of W.C., kitchen and the like consisting of:			
	(i) Ist course of applying cement slurry @ 4.4 kg/sqm mixed with water	SQM	33.14	
	proofing compound conforming to IS 2645 in recommended proportions			
	including rounding off junction of vertical and horizontal surface.			
	(ii) IInd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand)			
	mixed with water proofing compound in recommended proportion			
	including rounding off junction of vertical and horizontal surface.			
	(iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7			
	kg. per sqm of area.			
	(iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of			
	PVC sheet should be 100 mm wide and pasted to each other with bitumen			
	@ 1.7 kg/sqm).			
Н	WATER SUPPLY & INSTALLATION			
11	WATER SUITET & INSTALLATION	non lituo	5000	
		per litre	3000	
** 1	Providing and placing on terrace (at all floor levels) polyethylene			
H.1	water storage tank ISI: 12701 marked with cover and suitable			
	locking arrangement and making necessary holes for inlet, outlet			
	and overflow pipes but without fittings and the base support for tank			
1	P & F Precast Underground Water Storage Tank with R.C.C. cover 25mm			
11.2	thick and 15 Cm. Long G.I. over-flow pipe including making connections			
H.2	etc. & hoisting upto 1M. ht. From ground level having: (as per drawing)			
1				
	8000 litres water capacity	per litre	8000.00	
-		Por mue	5500.00	
T	ELOOPING			
1	FLOORING	0034	604.75	
	Providing and laying 1st quality double charge vitrified floor tiles in	SQM	624.75	
	different sizes (thickness to be specified by the manufacturer) with water			
	absorption less than 0.08% confirming to IS: 13753 and IS: 15622, of			
1	approved make, in all colours and shades, laid on 20mm thick cement			
1	mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @			
1	3.3kg/sqm including grouting the joints with white cement and matching			
1	pigments etc., complete.			
1	Size: 600mm x 600mm			1
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J	STONE MASONARY			
	Providing & fixing Random Rubble stone masonry with hard stone in			
	foundation and plinth in Cement Sand mortar above 30 CM thick wall in:			
	Cement Mortar 1:6 ( 1-Cement : 6-Sand).	CUM	116.24	
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K	ROOFING			
17	Providing and laying water proofing treatment on roofs of slabs by	SQM	452.89	
	applying cement slurry mixed with water proofing cement compound	~ (		
	consisting of applying:			
	a) after surface preparation, first layer of slurry of cement @ 0.488			
	kg/sqm mixed with water proffing cement compound @ 0.253 kg/sqm.			
	b) laying second layer of Fiber glass cloth when the first layer is still			
	green . Overlaps of joints of fiber cloth should not be less than 10 cm .			
K.1	c) Third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289			
K.1	kg/sqm mixed with water proffing cement compound @ 0.670 kg/sqm			
	and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4			
	hours followed by water curing for 48 hours. The entire treatment will be			
	taken upto 30cm on parapet wall and tucked into groove in parapet all			
	around			
	d) fourth and final layer of brick tiling 'with cement mortar or any other			
	approved protective coarse. (which will be paid for separately) For the			
	purpose of measurement the entire treated surface will be measured			
	Note: Performace guarentee for 5 years to be provided by the contractor			
	famulish a DC on Final demosit will be held by the Dead (CDID 4C			
	for which a BG or Fixed deposit will be held by the Bank/SBIIMS.  Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone	SQM	452.89	
	aggregate) finished with a floating coat of neat cement including cement	SQM	432.69	
K.2	slurry, making of lines or groove etc complete but excluding the cost of			
	nosing of steps etc. complete. 40mm thick with 20mm thick nominal			
	size aggregate			
L	FINISHING			
L.1	Plaster on new surface on walls in cement sand mortar 1:6 including			
D.1	racking of joint etc. complete fine finish:			
	1. External walls(20 mm thick)	SQM	971.70	
	2. Internal walls(12 mm thick)	SQM	506.22	
	3. 6 mm thick cement plaster to ceiling of mix 1:3 (1cement : 3-fine sand)	SQM	516.74	
	Painting exterior surface of Wall with 100% acrylic exterior paint of	SQM	971.70	
	approved brand and manufacture to give an even shade with two or more	DQ!II	271.70	
L.2	coats including preparation of base with sand papering, primer, putty, etc			
	complete in all respect.			
L.3	Providing and applying white cement based putty over plastered surface	SQM	1,475.00	
L.3	to prepare the surface even and smooth complete			
L.4	Two or more coats applied @ 1.25 ltr/10 sqm. over and including	SQM	1,475.00	
<u> </u>	one coat of Special primer applied @ 0.75 ltr / 10 sqm.			
M	DI LIMDINIC AND CANITA DV ELVILIDEC			
M	PLUMBING AND SANITARY FIXTURES Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per			
	IS 13983 with C.I. brackets and stainless steel plug 40 mm including			
M.1	painting of fittings and brackets, cutting and making good the walls			
	wherever required :			
	Kitchen sink with drain board			
a	510x1040 mm bowl depth 200mm.( Base Rate6000/-)	Each	1	
b	510x750 mm bowl depth 200mm.(base rate 4000/-)	Each	1	 
	Providing and fixing white vitreous china extended wall mounting water	Each	5	
	closet of size 780x370x690 mm of approved shape including providing &			
M.2	fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/6 litre (adjustable to 4 litre/8 litres), including seat cover,			
	and cistern fittings, nuts, bolts and gasket etc complete. (Base rate 8000/-)			
	5.,,			
<u> </u>				1

	Providing and fixing of wall mounted bath cum shower mixer fitting with				
	diverter lever and bend for overhead shower connection including making				
	connections with water supply, cutting and making good the walls				
M.3	wherever required. (or equal approved).				
	NOTE: Fitting shall meet Green Building/ GRIHA certification				
	requirement for flow.				
	requirement for no mi				
	Make: Jaquar or Equivalent				
	Model: CON 273KNUPRGA	Each	2		
					1
	D 11 1 C 1 22 CD 11 1 1 1 1 1				+
	Providing and fixing 32 mm C.P. cast brass bottle trap with unions,				
M.4	complete including cutting and making good the walls and floors, all				
101.4	complete				
	•				
	a) Make : Jaquar or Equivalent	Each	5		1
	a) Wake . Jaquai of Equivalent	Lacii			+
	Providing and fixing of 15 mm dia brass angle valve (inlet fitting ball				
14.5	valve type) having strainer screen complete with wall flange of				
M.5	following make and model:(or equal approved)'Colour/Finish:				
	Chrome				
<b>—</b>	CHIVIII			+	
<b> </b>					
	One way	Each	27		
	Two way	Each	5	1	
	Providing and fixing of 15 mm dia, 450 mm long flexible connection pipe	Each	32		
M	having EPDM rubber internal core and stainless steel braided outer sheath	Lacii	32		
M.6	=				
	complete with C.P brass end nuts, of approved make.				
	Providing and fixing C.P brass ablution faucet (health faucet) comprising				
	hand held shower with operating lever, 1 m long flexible tube and wall				
M.7	hook all complete.				
	NOTE: Faucet shall meet Green Building/ GRIHA certification				
	requirement for flow.				
	Make : Jaquar or Equivalent				+
					+
	Model : Continental				
	Cat. No. : 573 GA				
	Colour/Finish: Chrome	Each	5		
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i	Drowiding and fixing vitroous chine week besin and enocial C I breekets I				
	Providing and fixing vitreous china wash basin and special C.I brackets,				
M 8	including C.P. brass waste of standard pattern, complete including cutting				
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M.8	including C.P. brass waste of standard pattern, complete including cutting and making good the walls and floors, wherever required of the following make and type: (or equal approved)  Make : Hindware / Cera or Equivalent  Model : Constellation		2		
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	T	-		Г	
	Orissa pattern WC pan of size 580 X440mm				
		Each	1		
	Providing and fixing white vitreous china battery based infrared sensor	Each	2		
	operated urinal of approx. size 610 x 390 x 370 mm having pre & post				
M 12	flushing with water (250 ml & 500 ml consumption), having water inlet				
M.12	from back side, including fixing to wall with suitable brackets all as per				
	manufacturers specification and direction of Engineer-in-charge.( base				
	Rate 12000/-)				
	Providing and fixing of spring loaded self closing type 15 mm dia C.P				
	brass pillar cock with wall flange, of following make. (or equal approved).				
3 6 10	NOTE: Pillar Cock shall meet Green Building/ GRIHA certification				
M.13	=				
	requirement for flow.				
	Make : Jaquar or Equivalent				
	Model : PRS-031GA	Each	5		
M 14	P & F Looking Mirrors with stainless steel clamps of approved (Atul,				
M.14	Modi Guard, Saint Gobin or equivalent)				
	Size 500x400mm	Each	5		
	P & F Towel Rail or Ring of approved quality/make:	Each	2		
M.15	C.P. brass Towel Rail elbow type with concealed screws size 450mm		_		
111.13	(Heavy duty).				
	(Lieury duty).				
M.16	P & F Bath Shower of approved quality/make.				
W1.10	C.P. brass of Heavy & superior quality 150mm.	Each	2		
	C.P. brass of Heavy & superior quanty 150mm.	Each	2		
			10		
	P & F Bib Cock (IS: 8931 Mark), Superior quality of approved make:	Each	10		
M.17	C.P. Brass bib cock,15mm nominal bore.				
M 10	P & F Full-way Valve (IS:778 Mark) or wheel valve of approved make :				
M.18					
A	Gun-metal 25 mm nominal bore.	Each	8		
В	Gun-metal 40 mm nominal bore.	Each	4		
	P & F Gun-metal Non-return Valve or Check Valve (IS :Make) of				
M.19	approved make, superior quality:				
	40mm nominal bore.				
	Vertical	Each	2		
	Vertical	Lacii	2		
	Providing and fixing P.V.C. waste pipe for sink or wash basin including				
M.20					
	P.V.C. waste fittings complete.				
	Flexible pipe				
	40 mm dia	Each	4		
	Providing, fixing and commissioning remotely operated pneumatic dual				
	flush WC Flushing Cistern with Flushing Actuator Plate (of approved				
M.21	finish), cutting and making good the walls including making connection				
	with WC Pan, all as per the Manufacturer's specifications, of the				
	following make and type:(or equal approved)				
	For WC	Each	5		
		Lacii	3		
	Providing and fixing C.P. brass stop cock (concealed) of standard design				
M.22	and of approved make conforming to IS:8931.				
		P1	-		
	15 mm nominal bore	Each	5		
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,				
	having thermal stability for hot & cold water supply including all CPVC				
M.23	plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m				
IV1.23	spacing. This includes jointing of pipes & fittings with one step CPVC				
	solvent cement and testing of joints complete as per				
	direction of Engineer in Charge.				
	Internal work - Exposed on wall				
	r			I	

0	15 mm nominal outer dia .Pipes.	RM	10		
a b	25 mm nominal outer dia .Pipes.	RM	12		
c	40 mm nominal outer dia .Pipes.	RM	15		
	40 mm nommai outer dia .Fipes.	KIVI	13		
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,				
	having thermal stability for hot & cold water supply including all CPVC				
	plain & brass threaded fittings i/c fixing the pipe with clampsat 1.00 m				
	spacing. This includes jointing of pipes & fittings with one step CPVC				
M.24	solvent cement and the cost of cutting chases and making good the same				
	including testing of joints complete as per direction of Engineer in				
	Charge.				
	Concealed work including cutting chases and making good the walls				
	etc.,				
a	15 mm nominal outer dia .Pipes.	RM	50		
b	25 mm nominal outer dia .Pipes.	RM	15		
	Providing Laying & jointing glazed S.W. pipes grade `A` (IS;651 marked)				
	of approved make with spun yarn & stiff mixture of cement mortar 1:1,				
M.25	excavation & refilling of earth in all types of soil upto 1.2m depth, S.W.				
	fittings, including testing of joints etc, complete.				
	150 1	P	00		
<u> </u>	150mm dia	RM	80		
-	Describing & Loving C.C. 1.5.10 (Stars access to 40 mm and 1.1.)				
	Providing & Laying C.C. 1:5:10 (Stone aggregate 40mm nominal size) all				
M.26	around S.W. pipe including 15 Cm. thick bed concrete (Width W=				
	Diameter of pipe in Cm+30 Cm.)( Excluding cost of pipe)				
	150mm die C.W. nine	RM	80		
	150mm dia S.W. pipe	KIVI	80		
	Providing and Fixing Unplasticized Poly Vinyl Chloride (UPVC) SWR				
M.27	Pipes Type B for soil & waste discharge system (IS:13592 : 1992 Marked)				
N1.2/	of approved quality /make				
	110 mm dia	RM	25		
	110 iiiiii dia	KIVI	23		
	Providing and Fixing Unplasticized Poly Vinyl Chloride (UPVC) SWR				
M.28	Pipes fittings type B for sciland waste discharge system (IS:13592: 1992)				
W1.20	Marked) of approved quality /make				
9	Coupler Coupler				
- 4	110mm dia	Each	5		
b	Bend 87.5 Dg.	Luci			
	110mm dia	Each	3		
С	Bend 45 Dg.		-		
	110mm dia	Each	5		
d	Door Bend 87.5 Dg.				
	110mm dia	Each	5		
e	Single 'Y'				
	110mm dia	Each	2		
f	Socket Plug				
	110mm dia	Each	12		
g	Pipe Clip				
	110mm dia	Each	25		
h	W.C. Connector				
	110mm dia	Each	6		
i	Multi floor trap				
	110mm dia	Each	12		
j	Offset				
	110mm dia	Each	10		
k	Extra Square Jali	_			
	110mm dia	Each	6		
1	Extra Round Jali	F :			
	110mm dia	Each	6		
m	Extra 4 SWR Ring	г '	10		
	110mm dia	Each	10		
n	Nahni Trap with Jali 4"			1	

	110mm dia	Each	6	
0	Vent Cowel	Lacii	0	
	110mm dia	Each	8	
M.29	Providing and fixing square-mouth S.W. gully trap grade 'A' complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:			
	150 x 100 mm size P type.			
	With bricks class designation 75	Each	6	
	With offers class designation 75	Lacii	0	
M.30	Construction of Manhole in all types of soil inner size 90 x 60 Cm thick masonry in CM 1: 6, 10 cm. thick cement concrete 1: 5: 10 in foundation, 20 mm thick inside plaster in CM 1: 6, finished with floating neat cement, 50 mm thick M-15 grade C.C. flooring, making channels, 80 mm. thick stone slab covering with 40 mm thick M-15 grade C. C. flooring, 25 Kg. CI cover with frame of 450 mm dia earthwork etc. complete as per design including disposal of surplus earth within 50 Mtr. Lead.			
	Depth upto 0.5 M	Each	4	
M.31	Construction of Man hole, in all types of soil, inner size 1.5 x 1.2 M, with 450mm thick masonry in CM 1:6, 10 Cm. thick cement concrete 1:5:10 in foundation, 20mm thick inside plaster in CM 1:6, finished with floating neat cement, 50 mm thick M-15 grade C.C. flooring making channels, 80 mm thick stone slab covering with 40 mm thick M-15 grade C.C. flooring, Ferro Cement cover with frame of 450mm dia, earthwork etc. complete including disposal of surplus earth within 50 mtr. lead as per design:			
	Depth up to 1.5 M	Each	1	
M.32	Construction of Soakage well in all types of soil 300mm thick dry stone masonry, top and bottom 300 mm course in CM 1:6, 80 mm thick stone slab, jointing of slab in CM 1:3, Ralthal, Kharanja, 40 mm thick M-15 grade C.C. flooring earthwork complete as per approved drawing including disposal of earth within a lead of 50 Mtr.			
	Size 240 cm dia outside & 240 cm depth	Each	1	
M.33	Construction of Septic Tank in all types of soil with 40 Cm. thick masonry in CM 1:6, 15 Cm. thick C.C. bed of 1:5:10, M-15 grade C.C. flooring & over stone slab covering, 80 mm thick slab, jointing of slab in CM 1:3 Ralthal, Kharanja, 50 mm thick stone partition walls, 20 mm thick plaster in CM 1:6 finished with neat floating cement, 4 Nos C.I. foot rests of approved design, two No. 450 mm dia 25 Kg. of each C.I. cover with frame, earth work etc. complete as per approved drawing including disposal of surplus earth within a lead of 50 Mtr.			
	Size 400 x 140 x 150 cm (for 50 users)	Each	1	
M.34	Construction of Open Surface Drain with 112mm thick brick masonry in CM 1:4,110mm thick base concrete 1:5:10, 37mm thick M-15 grade C.C. flooring ,12mm 1:4 cement plaster on all exposed faces of walls including top surface excavation & disposal of earth complete as per approved design/drawing:			
	250mm drain,300mm Av. depth	RM	30	
M.35	Constructing brick masonry road gully chamber 50x45x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm precast R.C.C. horizontal grating with frame complete as per standard design :			
	With bricks	Each	6	ļ

N	Point Wiring				
N.1	LIGHT & FAN POINTS:				
(a)	P & F light/ fan/ call bell points/ sockets etc. with 2x1.5 sq.mm pvc				
(u)	insulated FRLS 1100 v grade copper conductor wires and 1.0 sq.mm earth				
	wire in concealed/ surface using 16 swg MS 20mm/25mm/32mm dia				
	conduits, accessories such as bends, tees, saddles, draw boxes, mounting				
	boxes, inner plates, cover plates, switches, sockets, ceiling rose etc.				
	(wherever required) and plugs etc. The circuit wiring starting from DB to				
	point control box/ switch box using 2x2.5 sqmm & 1x1.5 sqmm earthing				
	pvc insulated wiring with colour code to be provided. Identification				
	ferrules at both ends to be provided and colour coding to be maintained.				
	Make: Jindal AKG				
	Notes:				
	Each circuit shall have independent earth wire.				
	Each point shall be earthed.				
	Circuit wiring to be included in the point wiring rates				
(i)	One Point controlled by One Switch	Nos.	100		
N.2	EARTHING: As per IS 3043(certificate to be submitted)				
(a)	Earthing with Chemical GEL EARTHING including accessories				
	embodying by digging below the ground level and refilling of earth and				
	providing masonry enclosure with cover plate compl. and drawing of earth				
	strip as per the design requirements from the earth pit to the designated				
	place complete as instructed.				
(i)	T-39	Nos.	2		
(ii)	T-19	Nos.	2		
(b)	P & L 2x8 SWg copper earth wire	Rmts	75		
c)	Supplying and fixing 25X3 mm GI strip insulated by heat pressurised	Rmts	65		
	heavy gauge PVC sleeve duly jointed by full lap brazing and drawn				
	underground in 40mm class B GI pipe from the inspection pit to the inside				
	of branch, connection to both end of electric panel				
N.3	DISTRIBUTION BOARDS WITH FRONT COVER				
	P/F sheet metal distribution boards of approved make Double door and				
	'making 'necessary connections etc. complete. All MCB/ RCCB shall be C Series 10 KA				
				1	
a)	TPN 4 way - For AC			1	
i)	Having Incomer - 100 Amp 4 P - MCCB, 25 KA Outgoings - 3 No SP MCB - C Series 40 Amp, 9 Nos 32 A	N	2		
<b>1</b> - \	0 0	Nos.	2		
b)	TPN 4 way - For Light Having Incomer - 40 Amp 4 P - MCCB, 25KA				
	Outgoings - 12 No SP MCB - C Series 10 Amp-20 Amp	Nos.	1		
N.4	CABLES:	NOS.	1	+	
11.4	P & F heavy duty armoured XLPE cable in conduit pipe internally and GI			+	
	pipe externally with all bends, junctions etc. on saddles wherever exposed				
	and crimping the relevant connection ends complete as per approved				
	section and make				
a)	3.5 core 95 sqmm aluminium armoured XLPE Cable	Rmts	75		
N.5	PANEL: CPRI Approved	131110	15		
<u> </u>	P & F cubical type Main Panels of 16 SWG CRCA Sheet Steel C type				
	base MS Channel for grouting on the floor complete with MCCBs,				
	MCBs, meters, CT etc. complete in all respect, insulated Bus Bar with				
	heat shrinkable PVC Sleeve in suitable Bus Bar Chamber wiring, name				
	plates, danger plate, earth bus etc and comprising of compartments with				
	hinged doors and rubber gasket, bus bar chamber with bolted door and				
	rubber gasket etc. The panel being of dust and vermin proof construction				
	to be painted with primer and smoke grey paint minimum 2 coats to look				
	attractive. Each outgoing feeder shall have a seperate compartment. The				
	panel should be comprising with the followings				
(i)	Incomer 200 A MCCB-4 P-45 KA				
(-/	300 Amp Aluminium Bus Bar. Digital Ammeter and Voltmeter with SS.				
	T				
	Change over 150 A Onload - 4P				
	-			•	•

Outgoings  100 A MCCB 4 P - 6 Nos 35 KA  125 A MCCB 4 P - 6 Nos 35 KA  125 A MCCB 4 P - 6 Nos 35 KA  127 A MCCB 4 P - 6 Nos 35 KA  128 A MCCB 4 P - 6 Nos 35 KA  129 A MCCB 4 P - 6 Nos 35 KA  129 A MCCB 4 P - 6 Nos 35 KA  129 A MCCB 4 P - 6 Nos 35 KA  129 A MCCB 4 P - 6 Nos 35 KA  129 A MCCB 4 P - 6 Nos 35 KA  129 A MCCB 4 P - 6 Nos 35 KA  120 A MCCB 4 P - 6 Nos 35 KA  120 A MCCB 4 P - 6 Nos 35 KA  120 A MCCB 4 P - 6 Nos 35 KA  120 A MCCB 4 P - 6 Nos 35 KA  120 A MCCB 4 P - 6 Nos 35 KA  120 A MCCB 4 P - 6 Nos 4 P - 6		T			1	
25 A MCCB - 4 P. 4 No. 35 KA  4PMCB 53 A 3 Nos.  DPMCB 20 Ann 3 Nos.  DPMCB 20 Ann 3 Nos.  Supply and installation of separate 40 KVAR APPC panel, floorwall mounted front operated totally enclosed vermin proof, indoor non-drawout cubic type power panel fabricated out of Zum thk CRCA sheet having gasketed hinged cover on each cubicle fully powder coated with following acessories.  Make: Neptrumo/Schneider/ EPCOS  INO.125A,TP, MCCB as incomer  Having contactors Thrue Phase as per requirement  Ino. 10 KVAR & 20.05 KVAR, 20.05 - 7.5 KVAR, 10.05 3 KVAR  capacitor, Ino. 2 KVAR, 1 nos 1 KVAR apacitor  10 - 32 TPM MCB - 7 Nos  Suitable bus bar for connecting the contactors and MCB's, Capacitors  3 nos 8 step 3 phase APPC relay suitable for above arrangement  ONOPTFRIP push button for each capacitor  ONOPTFRIP mideation lamp for each capacitor  10 - 32 TPM Bright and profe each capacitor  ONOPTFRIP mideation lamp for each capacitor  ONOPTFRIP mideation lamp for each capacitor  Set Waterproof: 19 66 1-19 Street Light Road Outdoor Industrial White.  Make: Phillips  30 Sign Waterproof: 19 66 1-19 Street Light Road Outdoor Industrial White.  Supply and fixing NIS work holted or welded in built up sections made from 2x1 square bars, russes, & framed work, including cutting, losting, fixing in position and applying a priming coat of red oxide and approved steel primer all complete:  Providing and laying M2D RCC (I Cement: 11/2 Coance Sand: 3 Graded  2 Store Agaregate 20mm)  Providing and laying Brick work with bricks of class designation 75 in Cement mortar 1-4 (I enemt: 4 coarse sand) Including Scaffolding  3 Providing and fixing all quality standard white, grey, ivery, furne red with graph and fixing pair and fixing pairs and pairs with the short of the state of the tile complete (schulding the cost of cement mortar bed 1-4).  Providing and fixing 1st quality MAT finished ceremic tile size SQM  3 Prov		Outgoings				
### PANCE 63.A.3 Nos.  DPMCB 20 Amp 3 Nos.  DPMCB 20 Amp 3 Nos.  Nos.  1						
DPMCB 20 Amp 3 Nos.   1		125 A MCCB - 4 P- 4 Nos 35 KA				
No. Supply and installation of separate 40 KVAR APPC panel, floorwall monated front operated totally enclosed vermit proof, indoor non-drawout cubicle type power panel fabricated out of 2mm the CRCA sheet having gasketed hinged cover on each cubicle fully powder coated with following accessories.  Make: Neptune/Schneider/ EPCOS  INo. 125A,TP, MCCB as incomer Having contactors Three Phase as per requirement Ino. 10 KVAR & Zhoos KVAR, 2 nose 7.5 KVAR, 1 nos 3 KVAR capacitor, 1 nos 2 KVAR, 1 nos 1 KVAR capacitor 10 - 32 TPN MCB - 7 Nos  Suitable bus bar for connecting the contactors and MCB's, Capacitors 1 no. 8 step 3 phase APTC relay suitable for above arrangement ON/OFFTRIP production for each capacitor ON/OFFTRIP production for each capacitor ON/OFFTRIP indication lamp for each capacitor ON/OFFTRIP indication lamp for each capacitor 1 set, RTS, indicating lamps with resistors and fuses for incomer. N.7. Stevelor Lighting SWW Meterproof IP 66 LED Street Light Road Outdoor Industrial White. Make: Philips Of Lighting Supply and fixing MS work bolted or welded in built up sections made from 2x1 "square bars, trusses & framed work, including cutting, hoisting, fixing in position and applying a priming cond or led oxide and approved seleptime all complete: Providing and laying MOS CC (1 Cement :1½ Coarse Sand: 3 Graded OL Stone Aggregate 2mm) Providing and fixing alluminium frame with 10 mm this toughned glass ON Stone Aggregate 2mm) Providing and fixing alluminium frame with 10 mm this toughned glass ON Stone Aggregate Toughned and cutting of holes etc. Providing and fixing Ist quality MAT finished ceremic tile size 300x300mm confirming to 15: 13753 and 15: 15622 colour such as white, grey, vory, fume red mortal, finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed bits).  Providing and fixing 1st quality standard white, grey, ivory, fume red town the shade of the tile complete (excluding the cost of cement mortar bed bi						
mounted front operated totally enclosed vermin proof, indoor non-drawant cubicle type power panel fabricated out of 20mm the CRCA sheet having gasketed hinged cover on each cubicle fully powder coated with following acessories. Make: Neptune/Schneider/ EPCOS  INo. 125A, TP, MCCB as incomer Having contactors Three Phase as per requirement Ino. 10 KVAR & 20.05 KVAR. 2000. The Standard Comment of the Comment of		DPMCB 20 Amp 3 Nos.	Nos.	1		
cubicle type power panel fabricaned out of 2mm the CRCA sheet having gasketed hinged cover on each cubicle fully powder coated with following acessories.  Make: Neptune/Schneider/ EPCOS  INo.125A,TP, MCCB as incomer  Having contactors Three Phase as per requirement Ino. 10 KVAR & 2mos CVAR , 1 mos 1 KVAR (apas-7.5 KVAR, 1 mos 3 KVAR capacitor).  10 -32 TPN MCB - 7 Nos  Suitable bus har for connecting the contactors and MCB's, Capacitors  1 no. 8 step 3 phase APFC relay suitable for above arrangement ON/OFFTRP push button for each capacitor ON/OFFTRP push button for each capacitor Nos Exterior Lighting Nos Contactors and fuses for incomer.  No. 1  Set RYB, indicating lumps with resistors and fuses for incomer.  No. 1  Set RYB, indicating lumps with resistors and fuses for incomer.  No. 18  Make: Phillips OSW Waterproof IP 66 LED Street Light Road Outdoor Industrial White. Make: Phillips OSW Waterproof IP 66 LED Street Light Road Outdoor Industrial White. Make: Phillips OSW Waterproof IP 66 LED Street Light Road Outdoor Industrial White. Supply and fixing MS work bolted or welded in built up sections made from 2x1' square burs, trasses & framed work, including cutting, loisting, fixing in position and applying a priming coat of red oxide and approved steel primer all complete.  O1 2 Stone Aggregate 20mm) Providing and laying MS Work work with bricks of class designation 75 in CUM 2.94 Cement mortar 13-4 (coment 1-4 Coarse Sand: 3 Graded of Cumps of the control red of the cuttor cladifie) OS Stone Aggregate 20mm) Providing and fixing Blainnium frame with 10 mm thk troughned glass including required bardware and cutting of holes etc.  Providing and fixing Ist quality MAT finished ceremic tile size ON Miscleneous and Floor tile in exterior  Sq. P. 180  Providing and fixing list quality MAT finished ceremic tile size Sq. Make Stone Work  O1 Tile & Stone Work  O2 Tile & Stone Work  O3 13753 & IS 13753 & IS 13562 colour such as white, grey, ivory, funne red brown, light green, light blue and other light shades in floor	N.6					
gasketed hinged cover on each cubicle fully powder coated with following acsosories. Make: Neptume/Schneider/ EPCOS  INO.125A.TP, MCCB as incomer Having contactors Three Phase as per requirement Ino. 10 KVAR & 2no.5 KVAR, 2nos. 7.5 KVAR, 100.5 KVAR capacitor, 100. 127 Thr MCB - 7 Nos  Suitable bus har for connecting the contactors and MCB's, Capacitors  Ino. 8 step 3 phase APTC relay suitable for above arrangement ONOHETRIP pub button for each capacitor  ONOHETRIP indicating lamps with resistors and fuses for incomer.  Ise, RYB, indicating lamps with resistors and fuses for incomer.  Softwareproof IP 66 LED Street Light Road Outdoor Industrial White. Make: Phillips  Acre 16 sty mm Copper armoured cable  Rmts  Rmts  160  Elevation  Supply and fixing MS work boiled or welded in built up sections made from 2x1? years bear, trusses & framed work, including cutting, hoisting, fixing in position and applying a priming coat of red oxide and approved seleptimer all complete:  Providing and laying MS ox CC (I Cement :1½ Coanse Sand: 3 Graded  Stope Aggregate 2Dmm)  Providing and laying MS ox Kwith bricks of class designation 75 in Cement mortar 124 (I cement: 4 coarse sand) Including Scaffolding  Oxider Providing and fixing alluminium frame with 10 mm thk.toughned glass  Including required bandware and cutting of holes etc.  Providing and fixing Rajaria cternity 15x60 clove walnut planks (wood finish) for exterior cladding  A including required bandware and cutting of holes etc.  Providing and fixing Rajaria cternity 15x60 clove walnut planks (wood finish) for exterior cladding  A including required bandware and cutting of holes etc.  Providing and fixing 1st quality MAT finished ecremic tile size  SQM 26.25  finish for exterior cladding in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bot 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light geren, light blue and other light shades in floors, steps, pillars etc. laid						
acessories. Make: Neptune/Schneider/ EPCOS    No. 125A/TP, MCCB as incomer   Having contactors Three Phase as per requirement   Ino. 10 KVAR & 200.5 KVAR, 200.5 7.5 KVAR, 100.3 KVAR   Capacitors   Ino. 2 kVAR, 2 mos IKVAR, 200.5 To St. VAR, 100.5 KVAR, 200.5 KVAR, 200.5 To St. VAR,		cubicle type power panel fabricated out of 2mm thk CRCA sheet having				
INo.125A,TP, MCCB as incomer   Having contactors Three Phase as per requirement   Ino.10 kVAR & 2no.5 kVAR, 2nos-7.5 kVAR, 1nos 3 kVAR   capacitor   Ino.10 kVAR & 2no.5 kVAR, 2nos-7.5 kVAR, 1nos 3 kVAR   capacitor   Ino.10 kVAR & 2no.5 kVAR, 2nos-7.5 kVAR, 1nos 3 kVAR   capacitor   Ino.10 kVAR & 2no.5 kVAR, 2nos-7.5 kVAR, 1nos 3 kVAR   capacitor   Ino.10 kVAR & 2no.5 kVAR, 2nos-7.5 kVAR, 1nos 3 kVAR   capacitor   Ino.10 kVAR & 2no.5 kVAR, 2nos-7.5 kVAR, 1nos 3 kVAR   capacitor   Ino.10 kVAR & 2no.5 kVAR, 2nos-7.5 kVAR, 2nos-7.5 kVAR   capacitors   Ino.10 kVAR & 2no.5 kVAR, 2nos-7.5 kVAR, 2nos-7.5 kVAR   capacitors   Ino.10 kVAR & 2no.5 kVAR, 2no.5 kVAR   capacitors   Ino.10 kVAR & 2no.5 kVAR, 2no.5 kVAR, 2no.5 kVAR   Capacitors   Ino.10 kVAR & 2no.5 kVAR, 2no.5 kVAR, 2no.5 kVAR   Capacitors   Ino.10 kVAR & 2no.5 kVAR, 2no.5 kVAR, 2no.5 kVAR   Capacitors   Ino.10 kVAR & 2no.5 kVAR, 2no.5 kVAR		gasketed hinged cover on each cubicle fully powder coated with following				
Having contactors Three Phase as per requirement Ino. 10 KVAR & 2no.5 KVAR, 2no.5 KVAR, 1nos 3 KVAR capacitor, 1nos 2 KVAR, 2no.5 KVAR, 2nos 1KVAR capacitor 10 - 32 TPS MCB - 7 Nos Suitable bus bar for connecting the contactors and MCB's, Capacitors  1 no. 8 sep 3 phase APEC relay suitable for above arrangement ON/OPET/RIP just button for each capacitor 1 Set, RVB, indicating lamps with resistors and fuses for incomer. No. 1 Set, RVB, indicating lamps with resistors and fuses for incomer. No. 2 Exterior Lighting 3 SoW Waterproof IP 66 LED Street Light Road Outdoor Industrial White. Nos. 18 Nos. 10 Sow Patrior Lighting 3 Sow Waterproof IP 66 LED Street Light Road Outdoor Industrial White. Nos. 18 Nos. 19 Nos. 10 Sow Make: Phillips Nos. 19 Nos. 10 Sow Make: Phillips Nos. 19 Nos. 10 Sow Make: Phillips Nos. 10 Sow Make: Phi		acessories. Make: Neptune/Schneider/ EPCOS				
Having contactors Three Phase as per requirement Ino. 10 KVAR & 2no.5 KVAR, 2no.5 KVAR, 1nos 3 KVAR capacitor, 1nos 2 KVAR, 2no.5 KVAR, 2nos 1KVAR capacitor 10 - 32 TPS MCB - 7 Nos Suitable bus bar for connecting the contactors and MCB's, Capacitors  1 no. 8 sep 3 phase APEC relay suitable for above arrangement ON/OPET/RIP just button for each capacitor 1 Set, RVB, indicating lamps with resistors and fuses for incomer. No. 1 Set, RVB, indicating lamps with resistors and fuses for incomer. No. 2 Exterior Lighting 3 SoW Waterproof IP 66 LED Street Light Road Outdoor Industrial White. Nos. 18 Nos. 10 Sow Patrior Lighting 3 Sow Waterproof IP 66 LED Street Light Road Outdoor Industrial White. Nos. 18 Nos. 19 Nos. 10 Sow Make: Phillips Nos. 19 Nos. 10 Sow Make: Phillips Nos. 19 Nos. 10 Sow Make: Phillips Nos. 10 Sow Make: Phi						
Having contactors Three Phase as per requirement Ino. 10 KVAR & 2no.5 KVAR, 2no.5 KVAR, 1nos 3 KVAR capacitor, 1nos 2 KVAR, 2no.5 KVAR, 2nos 1KVAR capacitor 10 - 32 TPS MCB - 7 Nos Suitable bus bar for connecting the contactors and MCB's, Capacitors  1 no. 8 sep 3 phase APEC relay suitable for above arrangement ON/OPET/RIP just button for each capacitor 1 Set, RVB, indicating lamps with resistors and fuses for incomer. No. 1 Set, RVB, indicating lamps with resistors and fuses for incomer. No. 2 Exterior Lighting 3 SoW Waterproof IP 66 LED Street Light Road Outdoor Industrial White. Nos. 18 Nos. 10 Sow Patrior Lighting 3 Sow Waterproof IP 66 LED Street Light Road Outdoor Industrial White. Nos. 18 Nos. 19 Nos. 10 Sow Make: Phillips Nos. 19 Nos. 10 Sow Make: Phillips Nos. 19 Nos. 10 Sow Make: Phillips Nos. 10 Sow Make: Phi		1No.125A,TP, MCCB as incomer				
Ino. 10 KVAR & 2no.5 KVAR, 2nos 7.5 KVAR, 1nos 3 KVAR capacitor, 1nos 2 KVAR, 1 nos 1KVAR capacitor  10 - 32 TPN MCB - 7 Nos  Suitable bus bar for connecting the contactors and MCB's, Capacitors  1 no. 8 step 3 phase APFC relay saitable for above arrangement  ONOFFTRIP und button for each capacitor  ONOFFTRIP undication lamp for each capacitor  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and fuses for incomer.  No. 1  1 Set, TYB, indicating lamps with resistors and f		Having contactors Three Phase as per requirement				
agaacitor, Inos 2 KVAR, 1 nos IKVAR capacitor  10 - 32 TPN MCB - 7 Nos  Suitable bus bar for connecting the contactors and MCB's, Capacitors  1 no. 8 step 3 phase APFC relay suitable for above arrangement  ON/OFF/TRIP push button for each capacitor  ON/OFF/TRIP push button for each capacitor  1 Set, RYB, indicating lamps with resistors and fuses for incomer.  N.7 Exterior Lighting  Sow Waterproof IP 66 LED Street Light Road Outdoor Industrial White.  Make: Phillips  4 core 16 sq min Copper armoured cable  Rmits  160  Elevation  Supply and fixing MS work bolted or welded in built up sections made from 2x1" square bars, trusses & framed work, including cutting, hoisting, fixing in position and applying a priming coat of red oxide and approved steel primer all complete:  Providing and laying Brick work with bricks of class designation 75 in Cement mortar 1-4 (1 cement: 4 coarse sand) Including Scaffolding  O.3 Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc.  Providing and fixing Rajaria cternity 15x60 clove walnut planks (wood finish) for exterior calding  Providing and fixing Kajaria cternity 15x60 clove walnut planks (wood finish) for exterior calding  O.1 Providing and fixing Kajaria cternity 15x60 clove walnut planks (wood finish) for exterior calding  O.3 Providing and fixing Kajaria cternity 15x60 clove walnut planks (wood finish) for exterior calding  O.4 In providing and fixing Kajaria cternity 15x60 clove walnut planks (wood finish) for exterior calding  O.5 Miscllencous and Floor tile in exterior  SQM 26.25  O.5 Infinish or exterior calding  O.6 Miscllencous and Floor tile in exterior  SQM 82.46  Providing and fixing 1st quality MAT finished ceremic tile size awhite, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cos		1no. 10 KVAR & 2no.5 KVAR , 2nos- 7.5 KVAR, 1nos 3 KVAR				
Suitable bus bar for connecting the contactors and MCB's, Capacitors  I no. 8 step 3 phase APFC relay suitable for above arrangement ON/OFF/TRIP push button for each capacitor ON/OFF/TRIP push button for each capacitor I Set, RYB, indicating lamps with resistors and fuses for incomer. No. 1 I Set, RYB, indicating lamps with resistors and fuses for incomer. No. 2 I Set, RYB, indicating lamps with resistors and fuses for incomer. No. 1 I Set, RYB, indicating lamps with resistors and fuses for incomer. No. 1 SOW Waterproof IP 66 LED Street Light Road Outdoor Industrial White. Make, Philips Sow Waterproof IP 66 LED Street Light Road Outdoor Industrial White. Make, Philips Di 4 core 16 sq mm Copper armoured cable Runts Supply and fixing MS work bolted or welded in built up sections made from 2x1" square burs, trusses & framed work, including cutting, hoisting, fixing in position and applying a priming coat of red oxide and approved setel primer all complete: Providing and laying M20 RCC (1 Cement :1½ Coarse Sand: 3 Graded Stone Aggregate 20mm) Providing and laying Brick work with bricks of class designation 75 in CUM Stone Aggregate 20mm Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc. Providing and fixing saliminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc. Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding Providing and fixing st quality MAT finished cerenic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement mortar but match, the shade of the tile complete (excluding the cost of cement mortar but match, the shade of the tile complete (excludin						
Suitable bus bar for connecting the contactors and MCBs, Capacitors  1 no. 8 step 3 phase APFC relay suitable for above arrangement ON/OFF/TRIP push button for each capacitor ON/OFF/TRIP push button for each capacitor 1 Set, RYB, indicating lamps with resistors and fuses for incomer. N.7. Exterior Lighting SW Waterproof IP 66 LED Street Light Road Outdoor Industrial White. Nos. 18 Make: Phillips by 4 core 16 sq mm Copper armoured cable Rmts 160  Elevation Supply and fixing MS work bolted or welded in built up sections made from 2x1" square bars, trusses & framed work, including cutting, biosting, fixing in position and applying a priming coat of red oxide and approved steel primer all complete: Providing and laying M20 RCC (1 Cement: 11/5 Coarse Sand: 3 Graded O.2 Stone Aggregate 20mm) Providing and laying M20 RCC (1 Cement: 11/5 Coarse Sand: 3 Graded O.3 Providing and laying Brick work with bricks of class designation 75 in Cement mortar 14 (1 cement: 4 coarse sand) Including Scaffolding O.3 Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc. Providing and fixing Kajaria cternity 15x60 clove walnut planks (wood finish) for exterior cladding O.6 Misclleneous and Floor tile in exterior  Q Tile & Stone Work Q.1.a. Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to 1S: 13755 and 1S: 15622 colour such as white, grey, ivory, furne der brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed brown. light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement mortar bed brown. light green, light blue and other light						
1 no. 8 step 3 phase APFC relay suitable for above arrangement   ON/OFF/TRIP push button for each capacitor   ON/OFF/TRIP push button for each capacitor   I Set, RYB, indicating lamps with resistors and fuses for incomer.   Nos. 1						
ONOFFTRIP push button for each capacitor ONOFFTRIP indication lamp for each capacitor 1 Set, RYB, indicating lamps with resistors and fuses for incomer. Nos. 1  SoW waterproof IP 66 LED Street Light Road Outdoor Industrial White. a) SoW waterproof IP 66 LED Street Light Road Outdoor Industrial White. Make: Phillips b) 4 core 16 sq mm Copper armoured cable Rmts 160  Elevation Supply and fixing MS work bolted or welded in built up sections made from 2x1" square bars, trusses & framed work, including cutting, hoisting, fixing in position and applying a priming coat of red oxide and approved steel primer all complete: Providing and laying M20 RCC (1 Cement :1½ Coarse Sand: 3 Graded Stone Aggregate 20mm) Providing and laying Brick work with bricks of class designation 75 in Cement mortar 1:4 (1 cement : 4 coarse sand) Including Scaffolding  O.3  Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc. Providing and fixing slajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding O.6 Misclleneous and Floor tile in exterior  Tile & Stone Work Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bad 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bad 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 at IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat ce		Suitable bus bar for connecting the contactors and MCB's, Capacitors				
ONOFFTRIP push button for each capacitor ONOFFTRIP indication lamp for each capacitor 1 Set, RYB, indicating lamps with resistors and fuses for incomer. Nos. 1  SoW waterproof IP 66 LED Street Light Road Outdoor Industrial White. a) SoW waterproof IP 66 LED Street Light Road Outdoor Industrial White. Make: Phillips b) 4 core 16 sq mm Copper armoured cable Rmts 160  Elevation Supply and fixing MS work bolted or welded in built up sections made from 2x1" square bars, trusses & framed work, including cutting, hoisting, fixing in position and applying a priming coat of red oxide and approved steel primer all complete: Providing and laying M20 RCC (1 Cement :1½ Coarse Sand: 3 Graded Stone Aggregate 20mm) Providing and laying Brick work with bricks of class designation 75 in Cement mortar 1:4 (1 cement : 4 coarse sand) Including Scaffolding  O.3  Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc. Providing and fixing slajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding O.6 Misclleneous and Floor tile in exterior  Tile & Stone Work Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bad 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bad 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 at IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat ce		1 no. 8 step 3 phase APFC relay suitable for above arrangement				
ON/OFF/TRIP indication lamp for each capacitor  1 Set, RYB, indicating lamps with resistors and fuses for incomer.  Nos. 1  1 Set, Exterior Lighting  a) SoW Waterproof IP 66 LED Street Light Road Outdoor Industrial White-Make: Phillips  b) 4 core 16 sq mm Copper armoured cable  Rimts  160  Cover 16 sq mm Copper armoured cable  Supply and fixing MS work bolted or welded in built up sections made from 2x1' square bars, trusses & framed work, including cutting, hoisting, fixing in position and applying a priming coat of red oxide and approved steel primer all complete:  Providing and laying M20 RCC (I Cement: 1½ Coarse Sand: 3 Graded Steel primer all complete:  Providing and laying Brick work with bricks of class designation 75 in Cement mortar 1:4 (1 cement: 4 coarse sand) Including Scaffolding  Providing and fixing alluminium frame with 10 mm thk toghened glass including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood including required hardware and cutting of holes etc.  Providing and fixing Ist quality MAT finished ceremic tile size 30x0x30x0mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (sculuding the cost of cement mortar bed 1:4).  Providing and fixing Ist quality standard white, grey, ivo					1	
1 Set, RYB, indicating lamps with resistors and fuses for incomer.  N.7 Exterior Lighting  Sow Waterproof IP 66 LED Street Light Road Outdoor Industrial White.  Ake: Phillips  4 core 16 sq mm Copper armoured cable  Rints  Supply and fixing MS work bolted or welded in built up sections made from 2x1" square bars, trusses & framed work, including cutting, hoisting, fixing in position and applying a priming coat of red oxide and approved steep irmer all complete:  Providing and laying M20 RCC (1 Cement: 1½ Coarse Sand: 3 Graded  O.2 Stone Aggregate 20mm)  Providing and laying Brick work with bricks of class designation 75 in Cement mortar 1:4 (1 cement: 4 coarse sand) Including Scaffolding  O.3 Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood fixing Kajaria eternity) 15x60 clove walnut planks (wood fixing hor exterior cladding  O.6 Miscleneous and Floor tile in exterior  Tile & Stone Work  Q.1.a Providing and fixing Ist quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement sturry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing Ist quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement sturry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement mortar bed 1:4).						
No.   Stow Waterproof IP 66 LED Street Light Road Outdoor Industrial White.   SOW Waterproof IP 66 LED Street Light Road Outdoor Industrial White.   Nos.   18		1 1	Nos.	1		
a) SOW Waterproof IP 66 LED Street Light Road Outdoor Industrial White. Nos. 18 Make: Phillips b) 4 core 16 sq mm Copper armoured cable Rmts 160  CELevation  Supply and fixing MS work bolted or welded in built up sections made from 2x1" square bars, trusses & framed work, including cutting, hoisting, fixing in position and applying a priming coat of red oxide and approved steel primer all complete:  Providing and laying M20 RCC (1 Cement :1½ Coarse Sand: 3 Graded Stone Aggregate 20mm)  Providing and laying Brick work with bricks of class designation 75 in Cement mortar 1:4 (1 cement : 4 coarse sand) Including Scaffolding  O.3  Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding  O.6 Miscleneous and Floor tile in exterior  Sq.Ft. 180  Tile & Stone Work  Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement shurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 col size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement shurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement mortar bed 1:4).	N.7		- 1.001	<del>_</del>		
Make: Phillips b) 4 core 16 sq mm Copper armoured cable  Elevation  Supply and fixing MS work bolted or welded in built up sections made from 2x1" square bars, trusses & framed work, including cutting, hoisting, fixing in position and applying a priming coat of red oxide and approved  O.1 steel primer all complete:  Providing and laying M20 RCC (1 Cement: 1½ Coarse Sand: 3 Graded C.2 Stone Aggregate 20mm)  Providing and laying Brick work with bricks of class designation 75 in Cement mortar 1¼ (1 cement: 4 coarse sand) Including Scaffolding C.3 Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding C.5 Misclleneous and Floor tile in exterior  O.6 Misclleneous and Floor tile in exterior  Tile & Stone Work  Q.1.a Providing and fixing Ist quality MAT finished ceremic tile size 300x300mm confirming to 18: 13755 and 18: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to 18: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement mortar bed 1:4).	1117		Nos.	18		
b) 4 core 16 sq mm Copper armoured cable    Column	a)		1,00.	10		
Supply and fixing MS work bolted or welded in built up sections made from 2x1" square bars, trusses & framed work, including cutting, hoisting, fixing in position and applying a priming coat of red oxide and approved steel primer all complete:    Providing and laying M20 RCC (1 Cement :1½ Coarse Sand: 3 Graded Stone Aggregate 20mm)	b)		Rmts	160		
Supply and fixing MS work bolted or welded in built up sections made from 2x1" square bars, trusses & framed work, including cutting, hoisting, fixing in position and applying a priming coat of red oxide and approved steel primer all complete:  Providing and laying M20 RCC (1 Cement : 1½ Coarse Sand: 3 Graded Stone Aggregate 20mm)  Providing and laying Brick work with bricks of class designation 75 in Cement mortar 1:4 (1 cement : 4 coarse sand) Including Scaffolding  Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding including for exterior cladding including for exterior cladding including finish for exterior cladding including finish for exterior cladding including finish for exterior finish due and floor tile in exterior sq. 180  Q. Tile & Stone Work  Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size sq. 300x300mm confirming to 1S: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to 1S: 13753 & 1S: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excludi	· ·		Ttillio	100		
Supply and fixing MS work bolted or welded in built up sections made from 2x1" square bars, trusses & framed work, including cutting, hoisting, fixing in position and applying a priming coat of red oxide and approved steel primer all complete:  Providing and laying M20 RCC (1 Cement : 1½ Coarse Sand: 3 Graded Stone Aggregate 20mm)  Providing and laying Brick work with bricks of class designation 75 in Cement mortar 1:4 (1 cement : 4 coarse sand) Including Scaffolding  Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding including for exterior cladding including for exterior cladding including finish for exterior cladding including finish for exterior cladding including finish for exterior finish due and floor tile in exterior sq. 180  Q. Tile & Stone Work  Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size sq. 300x300mm confirming to 1S: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to 1S: 13753 & 1S: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excludi	0	Elevation				
from 2x1" square bars, trusses & framed work, including cutting, hoisting, fixing in position and applying a priming coat of red oxide and approved store primer all complete:  Providing and laying M20 RCC (1 Cement :1½ Coarse Sand: 3 Graded Stone Aggregate 20mm)  Providing and laying Brick work with bricks of class designation 75 in Cement mortar 1:4 (1 cement : 4 coarse sand) Including Scaffolding  O.3  Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding  O.6 Misclleneous and Floor tile in exterior  Tile & Stone Work  Q.1.a Providing and fixing Ist quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement shurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing Ist quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement shurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	0		Kσ	600		
fixing in position and applying a priming coat of red oxide and approved steel primer all complete:  Providing and laying M20 RCC (1 Cement :1½ Coarse Sand: 3 Graded CUM 1.38  O.2 Stone Aggregate 20mm)  Providing and laying Brick work with bricks of class designation 75 in Cement mortar 1:4 (1 cement : 4 coarse sand) Including Scaffolding  O.3 Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding  O.6 Miscleneous and Floor tile in exterior  Sq.Ft. 180  O.7 Tile & Stone Work  Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).			116.	000		
O.1 steel primer all complete:  Providing and laying M20 RCC (1 Cement :1½ Coarse Sand: 3 Graded O.2 Stone Aggregate 20mm)  Providing and laying Brick work with bricks of class designation 75 in Cement mortar 1:4 (1 cement : 4 coarse sand) Including Scaffolding O.3  Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood SQM 26.25 finish) for exterior cladding O.6 Miscleneous and Floor tile in exterior  O.7 Tile & Stone Work Q.1.a Providing and fixing Ist quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).		_ = = = = = = = = = = = = = = = = = = =				
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O.2 Stone Aggregate 20mm) Providing and laying Brick work with bricks of class designation 75 in Cement mortar 1:4 (1 cement : 4 coarse sand) Including Scaffolding O.3 Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc. Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding O.6 Misclleneous and Floor tile in exterior  O.6 Misclleneous and Floor tile in exterior  O.7 Tile & Stone Work  Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to 1S: 13755 and 1S: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to 1S: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	0.1	-	CHM	1 38		
Providing and laying Brick work with bricks of class designation 75 in Cement mortar 1:4 (1 cement : 4 coarse sand) Including Scaffolding  O.3  Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding  O.6 Misclleneous and Floor tile in exterior  O.7 Tile & Stone Work  Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	0.2		COM	1.56		
Cement mortar 1.4 (1 cement : 4 coarse sand) Including Scaffolding  O.3  Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding  O.6 Misclleneous and Floor tile in exterior  O.7  Tile & Stone Work  Q.1.a  Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	0.2		CUM	2.04		
Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding  O.6 Misclleneous and Floor tile in exterior  Sq.Ft. 180  Tile & Stone Work  Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).			COM	2.94		
Providing and fixing alluminium frame with 10 mm thk.toughned glass including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding  O.6 Misclleneous and Floor tile in exterior  Q Tile & Stone Work  Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	0.2	Cement mortal 1.4 (1 cement : 4 coarse saile) including Scarrolding				
O.4 including required hardware and cutting of holes etc.  Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding O.6 Miscleneous and Floor tile in exterior  O.1.a Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	0.3	Providing and fixing alluminium frame with 10 mm the toughned glass	SOM	24		
Providing and fixing Kajaria eternity 15x60 clove walnut planks (wood finish) for exterior cladding  O.6 Miscleneous and Floor tile in exterior  Sq.Ft. 180  Tile & Stone Work  Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	0.4		SQM	24		
O.5 finish) for exterior cladding O.6 Misclleneous and Floor tile in exterior  Sq.Ft. 180  O Tile & Stone Work Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	0.4		COM	26.25		
O.6 Misclleneous and Floor tile in exterior  Tile & Stone Work  Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	0.5		SQM	20.23		
Q Tile & Stone Work  Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).			C ~ E4	100		
Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS:15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	0.6	Mischeneous and Floor the in exterior	Sq.Ft.	180		
Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS:15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).						
Q.1.a Providing and fixing 1st quality MAT finished ceremic tile size 300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS:15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	0	TRIL O. CI. XXX 1				
300x300mm confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).			SOM	1115		
white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	Q.1.a		SQM	14.43		
shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).		_				
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bed 1:4).  Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS:15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).						
Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS:15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).						
brown, light green, light blue and other light shades glazed tiles confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).		· · · · · · · · · · · · · · · · · · ·				
confirming to IS: 13753 & IS: 15622 of size 450mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).			SQM	82.46		
walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).						
finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).						
to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).						
cement plaster on walls and pillar).						
b		cement plaster on walls and pillar).				
	b					

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Q.2	Providing and fixing Granite stone slab mirror polished and machine edge				
	cut for Kitchen Counter in Shelves, Sills Counters Staircase steps and				
	landing etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1				
	cement: 3 coarse sand) jointing with white cement mortar 1:2 (1white				
	cement: 2 marble dust) with pigment to match the shade of the marble				
	slab including grinding, rubbing and polishing complete. Including edge				
	moulding as directed by engineer incharge.				
	Green/Black (Up to 1500 Cm2 Tiles)	SQM	40		
	Green/Black (Op to 1500 Clif2 Thes)	SQM			
R	ALUMINIUM WORK				
	Description and Control of the state of the				
	Providing and fixing aluminium work for doors, windows, ventilators and				
	partitions with extruded built up standard tubular sections/ appropriate Z				
	sections and other sections of approved make conforming to IS: 733 and				
	IS: 1285, fixed with rawl plugs and screws or with fixing clips, or with				
	expansion hold fasteners including necessary filling up of gaps at				
	junctions, at top, bottom and sides with required PVC/neoprene felt etc.				
	Aluminium sections shall be smooth, rust free, straight, mitred and jointed				
	mechanically wherever required including cleat angle, Aluminium snap				
	beading for glazing /panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-				
R.1	charge. (Glazing and panelling to be paid for separately): For fixed portion.			-	
K.1	Powder coated aluminium (minimum thickness of powder coating 50	Kg.	450		
R.1.1	micron)	Kg.	430		
14.1.1	For shutters of doors, windows & ventilators including providing and				
	fixing hinges/ pivots and making provision for fixing of fittings wherever				
	required including the cost of PVC / neoprene gasket required (Fittings				
R.2	shall be paid for separately).				
14.2	Powder coated aluminium (minimum thickness of powder coating 50	Kg.	432		
R.2.1	micron)	ng.	432		
14.2.1					
	Duranidia a and fining 12mm thick Duraleminated menticle board flat masses d				
	Providing and fixing 12mm thick Pre-laminated particle board flat pressed				
	three layer or graded wood particle board conforming to IS: 12823 Grade 1				
	Type ll, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as				
D 2	*				
R.3	per architectural drawings and directions of engineer-in-charge.  Pre-laminated particle board with decorative lamination on one side and	SQM.	63.94		
R.3.1	balancing lamination on other side.	SQM.	03.94		
K.3.1	balancing lamination on other side.				
	Description and Guine alonian in alternations does using down conditation				
	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as				
D 4	per the architectural drawings and the directions of engineer-incharge. (Cost of aluminium snap beading shall be paid in basic item):				
R.4 R.4.1	With float glass panes of 5.50 mm thickness	SQM.	60		
1.4.1	man noat grass panes of 5.50 mm unexhess	SQIVI.	UU		
	Descriding and fixing double action budgetties for a second of second				
	Providing and fixing double action hydraulic floor spring of approved				
	brand and manufacture IS: 6315 marked, for doors including cost of cutting floors as required, embedding in floors and cover plates with brass				
	pivot and single piece M.S. sheet outer box with slide plate etc. complete				
R.5	as per the direction of Engineer-in-charge.				
R.5.1	With stainless steel cover plate	Each	3		
18.3.1	0 01	Lacii	J		
	work by providing weather silicon sealant over backer rod of approved				
D 6	quality as per architectural drawings and direction of Engineer-in-charge				
R.6	complete. Upto 5mm depth and 5 mm width	Motor	220		
R.6.1	Opto Smili deput and Smili widili	Meter	220		
1	Providing fiving aluminium round shape handle of outer die 100mm with				
R 7	Providing fixing aluminium round shape handle of outer dia 100mm with SS screws etc. Complete as per direction of Engineer-in-charge				
R.7 R.7.1	Powder coated minimum thickness 50 micron aluminium	Each	2/		
N. / . I			34 17		
1	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc.	Each	1 /		
R.8	complete.				
18.0	Make: Jindal or Equivalent				
	France, amount of Equivalent			1	l .

		Kg.	800	
	Providing and fixing expanded grill made of MS as per design and			
	drawing having members section of size 12mm x 12mm and opening of			
	size 76mm x 76mm to aluminum window/vent with required screws, Y			
	and H aluminium sec (as per drawing) at the ends and middle joints			
R.9	respectively complete in all respect as per direction of engineer in charge.			

S	Steel Work				
S.1	Supply and fixing in cement mortar welded hand railing made out of SS round or square bars, flats etc. for staircase or verandah as per design complete in all respect (wooden or PVC hand railing to be paid extra) with priming coat of red oxide.	Kg	750		
S.2	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	SQM	10.75		
S.3	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths interlocked together through their entire length and jointed together at the end by end locks mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete including the cost of providing and fixing necessary 27.5cm long wire springs grade No.2 and M.S. top cover of required thickness for rolling shutters.				
	80x1.25 mm M.S. laths with 1.25 mm thick top cover	SQM	20.25		
	Providing and fixing ball bearing for rolling shutters.	Each	2		
T	COMPUND GATE				
	square bars, flats,or black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide	Kg	1090		
D	Domolition & Busham				
P.1	Demolition & Breakage  LESS BUY BACK OF THE DEMOLISHED MATERIAL, I.E. BRICKS, CHOKHETS, GRILLS, REINFORCEMENT, DOORS, WINDOWS, SANITARY PLUMBING PIPES/ FITTINGS ETC., AS DIRECTED. (minimum value Rs.1,00,000)	LS	-1	Minimum Rs.1,00,000	
	Demolishing the exsting building, complete, including foundations, staking the serviceable material and disposal of the unserviceable materials, to the nearest municipal disposal ground / or as directed, including all lifts and leads, complete. The rate to be including the dedution for the buy back, of the unuseable material as bricks/ cement / reinforcement / wooden partitions / old wiring / cabling / switches / partitions/ plumbing/ drainage pipes etc. (approx area Quantity 225.16 SQM)  Demolishing existing RWH tank cover height to ground level (approx area Quantity 75.36 SQM)				
				<u> </u>	
' I					