



Rajasthan Cricket Association

SMS Stadium, North Pavillion, Ambedkar Circle, Jaipur 302005

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ESTIMATE FOR

**Name of work : Repair, Renovation and Maintenance work including
Civil, Finishing & Interior, Electrical and Air Conditioning Works,
Sanitary Works, Housekeeping and other Misc. Works at SMS Stadium,
Jaipur**

ESTIAMTED COST : Rs. 350 LACS

TECHNICAL REPORT		
1	GENERAL.	
	1.1 Name of Work	Name of work : Repair, Renovation and Maintenance work including Civil, Finishing & Interior, Electrical and Air Conditioning Works, Sanitary Works, Housekeeping and other Misc. Works at SMS Stadium, Jaipur
	1.2 Division	: RCA
2	AUTHORITY	
	2.1 Owner Department	: 0
	2.2 Execution By	: RCA, Jaipur
3	NECESSITY	
	3.1 Necessity	The Rajasthan Cricket Association has a policy regarding development of Cricket activity in states, under various pattern of schemes. Infrastructure for Cricket is available in SMS Stadium, Jaipur. But, due to poor repair & maintenance of the existing infrastructure, it is not up to standard and not suitable for proposed/ forthcoming IPL matches. This has become an extreme necessity for repair and maintenance of the same. Therefore, Renovation and Maintenance work including Civil, Finishing & Interior, Electrical and Air Conditioning Works, Sanitary Works, Housekeeping and other Misc. Works at SMS Stadium, Jaipur has been taken up in this DPR.
	3.2 Scheme	: For proposed/ forthcoming IPL matches
4	LOCATION AND LAND	
	4.1 Location	The proposed construction site of above work is situated in SMS Stadium, JAIPUR
	4.2 Climate	The JAIPUR city has around 575.00 mm mean average annual rain fall and temperature varies from 15 degree C to 42 degree C. During the monsoon there are frequent, heavy rains and thunderstorms, but flooding is not common. The winter months of November to February are mild and pleasant, with average temperatures ranging from 10–15 °C (50–59 °F) and with little or no humidity and cold waves lead to temperatures near freezing.
5	REFERENCES OF APPROVED DRAWING	
	5.1 Site Plan	Part Plan of SMS Stadium showing layout of Cricket Infrastructure is enclosed. The site plan discussed with RCA as per their requirement.
	5.2 Plans	Plan of Indoor Hall showing details of construction are enclosed with estimate.
	5.3 Proposed Section of	
6	ESTIMATED COST	Estimated cost of Repair, Renovation and Maintenance work including Civil, Finishing & Interior, Electrical and Air Conditioning Works, Sanitary Works, Housekeeping and other Misc. Works at SMS Stadium, Jaipur has been worked out as Rs. 350 Lacs. This costing is worked on following details given
7	SOURCE OF MATERIAL	
	Non BSR Items	Material will be Procured after Competent Tender from approved manufacturers/ Suppliers.
	Specilized/Interior/Finishing etc. Items	Material will be Procured after Competent Tender from approved manufacturers/ Suppliers.
	Civil Work	Material will be used as per standards and specifications.

8	SPECIFICATIONS :	
	Non BSR Items	: Supply & installation of ISI/ Approved Brand as approved by competent/ RCA authorities
	Specilized/Interior/Finishing etc. Items	: Supply & installation of ISI/ Approved Brand as approved by competent/ RCA authorities
	Civil Work	: As per IS 383 and prevailing Indian Standards
	Remark	
9	Agency for Execution	: RCA will execute the work. The work will be got executed from lowest bidder after calling Competnet Tender
10	B.S.R.	: Estimate is based on P.W.D. Building BSR 2016 of City Circle Jaipur, and Electrical BSR-2013
		: Further any Non BSR Item required during construction the rate analysis on prevailing marked rate shall be done and got approved from the competent Authority.

PAINT JOB (A)						
S.No	Description	Qty.	Unit	Rate	Amount	Remarks/Brand
1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade including all scaffolding: Two or more coats as required for approved finish	305000	Sq.Ft			Asian, Berger Make
2	Wall painting with ace paint of approved brand and manufacture to give an even shade including all scaffolding: Two or more coats as required for approved finish	276500	Sq.Ft			Asian, Berger Make
3	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including all scaffolding:- Two or more coats as required for approved finish	150000	Sq.Ft			Asian, Berger Make
4	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats as required for approved finish	20000	Sq.Ft			Asian, Berger Make
5	Spirit Polish on Existing Wodden surfaces	3000	Sq.Ft			Asian, Berger Make
6	Oil Paint Jali & angle	5000	Sq.Ft			Asian, Berger Make
7	Chair Numbering	8000	Nos.			Asian, Berger Make
8	P/A texture paint (Roller Finish) As per approved by Enginner In Charge	5000	Sq.Ft			Asian, Berger Make
9	P/A texture paint (Trowel Finish) As per approved by Enginner In Charge	5000	Sq.Ft			Asian, Berger Make
10	Providing and applying white cement based putty over plastered surface to prepare the surface even and smooth complete	50000	Sq.Ft			J.K, Birla white
11	Providing and fixing 12.5 mm thick tapered edge gypsum board conforming to IS 2095- Part I at all height false ceiling including providing and fixing of frame work made of special sections power pressed from M.S. sheet and galvanised in accordance with zinc coating of grade 350 as per IS : 277 and consisting of angle cleats of size 25mm wide x 1.6mm thick with flanges of 22mm and 37mm at 1200mm centre to centre one flange fixed to the ceiling with dash fastener 12.5mm diax40mm long with 6mm dia bolts to the angle hangers of 25x25x0.55mm of required length, and other end of angle hanger being fixed with nut and bolts to G.I. channels 45x15x0.9mm running at the rate of 1200mm centre to centre to which the ceiling section 0.5mm thick bottom wedge of 80mm with tapered flanges of 26mm each having clips of 10.5mm at 450mm centre to centre shall be fixed in a direction perpendicular to G.I. channel with connecting clips made out of 2.64mm diax230mm long G.I. wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5mm thick 27mm high having flanges of 20mm and 30mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at	5000	Sq.Ft			New
12	False Celing Repair work in Gypsum Board as per point 11 (Complete in all respects)	15000	Sq.Ft			As per existing
13	Providing and applying plaster of paris putty of 4-5 mm thickness as required over plastered surface to prepare the surface even and smooth complete	30000	Sq.Ft			As per existing
	TOTAL A					
FABRICATION JOB (B)						
S.No	Description	Qty.	Unit	Rate	Amount	Remarks/Brand
1	Repiaring of existng spectators chairs in stands including fixing nailing, anchorage, chemical fastner, complete in all respects	2000	nos			As per existing
2	Providing and fixing for channeling and fencing work includes cutting, weilding, replacment of pipes, replacement with new fencing wire, barbed wire, GI wire, MS hinges, with enamel paint, complete in all respect, as per engineer incharge.	1 Job	Lum Sum			As per existing
3	Providing & Fixing Base frame for Chairs in 25mm dia MS Pipe, complete in all respects.	1500	nos			As per existing
	Supply and fixing of channel link fencing with hollow MS iron post of 25mm dia of B Class placed at every 3 m apart 30 cm in ground embedded in cement concrete 1:3:6 (30x30x45cm) corner and every tenth post to be struttred with (50x50x6 cm) MS pipe provided and fixed and fitted with post including earth work and excavation etc. complete with channel link size 50mmx50mmx3.15mm.	500	Sqm			New
	TOTAL B					

TILE JOB FLOOR & WALL (C)						
S.No	Description	Qty.	Unit	Rate	Amount	Remarks/Brand
1	P & F 1st quality/Vitrified Porcelain Polished tiles on floor, skirting and steps etc.in different sizes (thickness to be specified by manufacturer) with water absorption less than 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1 : 4 including grouting the joints with white cement and matching pigment etc complete. size 600 mm X 600 mm	8000	Sq.Ft			As per existing make
2	Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors 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.	2000	Sq.Ft			As per existing make
3	Providing and fixing Wall tiles for toilet of size 300x600 mm as approved by engineer incharge	2000	Sq.Ft			As per existing make
4	Repair work with grouting in tile work with white cement where as required.	2000	Sq.Ft			As per existing make
5	Providing and fixing of precast concrete interlocking blocks of M 30 grade 60mm thick manufactured from fully computerised automatic stationary hydraulic vibropressed machine and fully computerised automatic batching plant of class A1/A2 as per BS 6717:2001. The CC interlocking paving blocks be laid on average 50mm. thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead, Lifts and taxes. General specification of blocks: 1) Shape as defined by Engineer incharge 2) Tensile splitting strength and braking load as per BS 6717:2001 3) Color: Grey cement natural colour 4) Variation in dimension: Less than 1.6mm. 5) Variation in thickness: Less than 3.2mm 6) Abrasion: As per BS: 6717:2001	1000	Sq.Mt.			As per existing make
TOTAL C						
PLUMBING & SANITARY Work (D)						
S.No	Description	Qty.	Unit	Rate	Amount	Remarks/Brand
A	Providing & Fixing of CP Fittings					
1	½" x 1" CP X Nipple	10	Nos			As per existing make
2	½" x 2" CP Flange	5	Nos			As per existing make
3	CP Angle Valve	127	Nos			As per existing make
4	CP Bib Cock	28	Nos			As per existing make
5	CP Bottle Trap	49	Nos			As per existing make
6	CP Bottle Trap Pipe 12"	20	Nos			As per existing make
7	CP Central Hole Basin Mixer	6	Nos			As per existing make
8	CP Connection 18"	62	Nos			As per existing make
9	Cp Divator Plate & Head	11	Nos			As per existing make
10	CP Dom West Coupling	17	Nos			As per existing make
11	CP Health Faucet	22	Nos			As per existing make
12	CP Jali plain	161	Nos			As per existing make
13	CP Jali Hole	54	Nos			As per existing make
14	CP Over Head Shower OHS-35495	9	Nos			As per existing make
15	CP Paper Holder	23	Nos			As per existing make
16	CP Pillar Cock	55	Nos			As per existing make
17	CP Single Lever Mixer FLR 5007B	22	Nos			As per existing make
18	CP Spout SPJ-85429	6	Nos			As per existing make
19	CP Urinal Spindle	18	Nos			As per existing make
20	CP West Coupling	70	Nos			As per existing make
21	CP Pillar/Basin Mixer/Swine Naked	3	Nos			As per existing make
22	CP Wall hung Bath tube Mixer with Telephonic Shower FLR-5217N	4	Nos			As per existing make
23	C.I. 5" Jali	17	Nos			As per existing make
24	Concealed Cistern Tank	7	Nos			As per existing make

25	PVC Connection 18"	82	Nos			As per existing make
26	PVC Connection 24"	63	Nos			As per existing make
27	PVC West Pipe	71	Nos			As per existing make
28	Rack Bolt Wash Basin	55	Pair			As per existing make
29	Urinal Sensor Fitting	6	Nos			As per existing make
B	Providing & Fixing of Sanitary Fittings					
1	Urinal Small	36	Nos			As per existing make
2	Urinal Long	11	Nose			As per existing make
3	Wash basin 18"x12"	49	Nos			As per existing make
4	Wash Basin 22"x16"	6	Nos			As per existing make
5	Wall Hung Casket W.C	13	Nos			As per existing make
6	Seat Cover for Wall Hung Casket W.C	6	Nos			As per existing make
7	EWC	1	Nos			As per existing make
8	E WC Seat Cover	1	Nos			As per existing make
9	PVC Flushing Cistern Tank	3	Nos			As per existing make
C	Providing & Fixing of Changing					
1	Bath Tube Changing	2	Nos			As per existing make
2	Jacuzzi Changing	4				As per existing make
3	Pressure Pump Changing	2	Nos			As per existing make
4	Urinal Opening & Refitting	2	Nos			As per existing make
5	Steam Bath & Shower Repair	2	Nos			As per existing make
D	Providing & Fixing of Misc					
1	75mm PVC Pipe Fixing	6	RM			As per existing make
2	75mm PVC Cowl	8	Nos			As per existing make
3	110mm PVC Cowl	8	Nos			As per existing make
4	15mm Ball Valve	1	Nos			As per existing make
5	32mm Valve Fixing	2	Nos			As per existing make
6	15mm G.I. Pipe	100	Rft			As per existing make
7	20mm CPVC Pipe	120	Mtr			As per existing make
8	Ball Cock Set 1"	15	Nos			As per existing make
9	Under Ground Pump Changing 3H.P.	1	Nos			As per existing make
10	manhole Making 300x300mm	4	Nos			As per existing make
11	PVC Tank Fitting 1000ltr	8	Nos			As per existing make
12	PVC Tank Cover	10	Nos			As per existing make
13	Tank Transfer	2	Nos			As per existing make
14	Granit Cutting	10	Nos			As per existing make
15	PVC & CPVC Checking	14	Nos			As per existing make
	TOTAL D					

ELECTRICAL Work (E)

S.No	Description	Qty.	Unit	Rate	Amount	Remarks/Brand
I.	POINT WIRING					
1)	Wiring for Light point with 2 x 1.5 Sqmm FR PVC insulated, copper conductor Multistrand Flexible wires in surface/ recessed Medium duty PVC conduit & its accessories including the cost of cutting/ making good chases in brick/ stone work and including the cost of Supplying and fixing of MS boxes and fixing of 6 Amp Modular type switch, grid plate, modular cover plate & also include cost of loop earthing with 1.5 Sqmm FRLS PVC insulated, Copper conductor multistrand Flexible wires Complete as required					
a.	Single Point controlled with single 6 Amp switch (upto 3mtr)	35	Nos			As per existing make
b.	Primary Point controlled with single 6 Amp switch (upto 5mtr)	10	Nos			As per existing make
b.	Primary Point controlled with single 6 Amp switch (upto 10mtr)	6	Nos			As per existing make
c.	Secondary loop Point controlled with primary point 6A switch (upto 3mtr)	30	Nos			As per existing make
2)	Wiring for Light point with 2 x 1.5 Sqmm FR PVC insulated, copper conductor Multistrand Flexible wires in surface/ recessed Medium duty PVC conduit & its accessories including the cost of cutting/ making good chases in brick/ stone work and including the cost of Supplying and fixing of 10 Amp MCB & also include cost of loop earthing with 1.5 Sqmm FRLS PVC insulated, Copper conductor multistrand Flexible wires Complete as required					

a.	primary point controlled by 10A MCB. (upto 5mtr)	5	Nos			As per existing make
b.	primary point controlled by 10A MCB. (upto 10mtr)	7	Nos			As per existing make
c.	secondary loop point controlled by primary point 10A MCB. (upto 3mtr)	4	Nos			As per existing make
3)	Wiring for Twin controlled Light point with 2 x 1.5 Sqmm FR PVC insulated, copper conductor Multistrand Flexible wires in surface/ recessed Medium duty PVC conduit & its accessories including the cost of cutting/ making good chases in brick work and including the cost of Supplying and fixing of 2 nos MS boxes & fixing of 2 nos 6 Amp Two way Modular type switch, grid plate, modular cover plate & and also include cost of loop earthing with 1.5 Sqmm FRLS PVC insulated, Copper conductor multistrand Flexible wires Complete as required (upto 5mtr)	1	Nos			As per existing make
3) a	Wiring for Twin controlled Light point with 2 x 1.5 Sqmm FR PVC insulated, copper conductor Multistrand Flexible wires in surface/ recessed Medium duty PVC conduit & its accessories including the cost of cutting/ making good chases in brick work and including the cost of Supplying and fixing of 2 nos MS boxes & fixing of 2 nos 6 Amp Two way Modular type switch, grid plate, modular cover plate & and also include cost of loop earthing with 1.5 Sqmm FRLS PVC insulated, Copper conductor multistrand Flexible wires Complete as required (upto 10mtr)	1	Nos			As per existing make
4)	Wiring for fan point with 2 x 1.5 Sqmm FR PVC insulated, copper conductor Multistrand Flexible wires in surface/ recessed Medium duty PVC conduit & its accessories including the cost of cutting/ making good chases in brick/ stone work and including the cost of Supplying and fixing MS boxes & fixing of 6 Amp one way Modular type switch, 100 Watt electronic hume free 5 stepped fan Regulator, grid plate, modular cover plate and also include cost of loop earthing with 1.5 Sqmm FRLS PVC insulated, Copper conductor multistrand Flexible wires Complete as required	1	Nos			As per existing make
4)A	providing ,fitting of fasner in false ceiling or ceiling for hang ceiling fan with require accessories	0	Nos			As per existing make
5)	Wiring for Exhaust fan point with 2 x 1.5 Sqmm FR PVC insulated, copper conductor Multistrand Flexible wires in surface/ recessed Medium duty PVC conduit & its accessories including the cost of cutting / making good chases in brick/ stone work and including the cost of Supplying and fixing of MS box & 6 Amp one way Modular type switch, grid plate, modular cover plate and also include cost of loop earthing with 1.5 Sqmm FRLS PVC insulated, Copper conductor multistrand Flexible wires Complete as required	3	Nos			As per existing make
6)	Wiring for Bell point with 2 x 1.5 Sqmm FR PVC insulated, copper conductor Multistrand Flexible wires in surface/ recessed Medium duty PVC conduit & its accessories including the cost of cutting/ making good chases in brick/ stone work and including the cost of Supplying and fixing of MS boxes & ding dong type bell and fixing of Modular type bell push , grid plate, modular cover plate & also include cost of loop earthing with 1.5 Sqmm FRLS PVC insulated, Copper conductor multistrand Flexible wires Complete as required	1	Nos			As per existing make

7)	Wiring for Voltage output 240 volt shaver socket. with 2 x 2.5 Sqmm FR PVC insulated, copper conductor Multistrand Flexible wires in surface/ recessed Medium duty PVC conduit & its accessories including the cost of cutting/ making good chases in brick/ stone work and including the cost of Supplying and fixing of MS boxes , grid plate, modular cover plate & also include cost of loop earthing with 1.5 Sqmm FRLS PVC insulated, Copper conductor multistrand Flexible wires Complete as required	2	Nos			As per existing make
8)	Wiring for 6 Amp Light plug point with 2 x 1.5 Sqmm FR PVC insulated, copper conductor Multistrand Flexible wires in surface/ recessed Medium duty PVC conduit & its accessories including the cost of cutting/ making good chases in brick work and including the cost of Supplying and fixing of MS boxes, fixing of 6 Amp one way Modular type switch & 6 Amp 5 pin combined shuttered socket outlet, grid plate, modular cover plate & also include cost of loop earthing with 1.5 Sqmm FRLS PVC insulated, Copper conductor multistrand Flexible wires Complete as required					
a.	Light Plug point On Board	25	Nos			As per existing make
b.	Light Plug point (upto 3mtr)	30	Nos			As per existing make
b.	Light Plug point (upto 5mtr)	10	Nos			As per existing make
9)	Wiring for 16 Amp Power plug point with 2 x 2.5 Sqmm FRLS PVC insulated, copper conductor Multistrand Flexible wires in surface/ recessed Medium duty PVC conduit & its accessories including the cost of cutting / making good chases in brick/ stone work and including the cost of Supplying and fixing of MS boxes & fixing of 16 Amp one way Modular type switch & 16/ 6 Amp 6 pin combined shuttered socket outlet, grid plate, modular cover plate and also include cost of loop earthing with 1.5 Sqmm FRLS PVC insulated, Copper conductor multistrand Flexible wires Complete as required (upto 5mtr)	10	Nos			As per existing make
10)	Wiring for 16 Amp Power plug point with 2 x 4.0 Sqmm FRLS PVC insulated, copper conductor Multistrand Flexible wires in surface/ recessed Medium duty PVC conduit & its accessories including the cost of cutting/ making good chases in brick/ stone work and including the cost of Supplying and fixing of MS boxes & fixing of 16 Amp one way Modular type switch & 16/ 6 Amp 6 pin combined shuttered socket outlet, grid plate, modular cover plate and also include cost of loop earthing with 2.5 Sqmm FRLS PVC insulated, Copper conductor multistrand Flexible wires Complete as required (upto 5mtr)	2	Nos			As per existing make
11)	Wiring for Gyser point with 2 x 4.0 Sqmm FRLS PVC insulated, copper conductor Multistrand Flexible wires in surface/ recessed Medium duty PVC conduit & its accessories including the cost of cutting/ making good chases in brick/ stone work and including the cost of Supplying and fixing of MS boxes, fixing of 5 pin 20 Amp socket & top , 3mm thick laminated sheet and also include cost of loop earthing with 2.5 Sqmm FRLS PVC insulated, Copper conductor multistrand Flexible wires Socket near the Gyser and 20 Amp Modular type Switch at Switch board Complete as required	5	Nos			As per existing make
Total carried over to Summary						

12)	Supplying and drawing HR PVC insulated & unsheathed flexible copper conductor ISI marked (IS:694) of 1.1 kV grade and approved make in existing surface or recessed conduit /casing capping including making connections etc. as required.for ckt				
a)	2 x 1.5 sq. mm.	400	per Mtr		As per existing make
b)	1 x 2.5 sq. mm.	350	per Mtr		As per existing make
c)	2 x 2.5 sq. mm.	600	per Mtr		As per existing make
d)	2 x 2.5 sq. mm. + 1x1.5sqmm	500	per Mtr		As per existing make
e)	2 x 4.0 sq. mm. + 1 x 2.5 sq. mm.	400	per Mtr		As per existing make
f)	2 x 6.0 sq.mm+ 1 X 4.0 sq mm	200	per Mtr		As per existing make
g)	2 x 10.0 sq.mm + 1 x 4.0 sq mm	250	per Mtr		As per existing make
h)	2 x 16.0 sq.mm + 1 x 10.0 sq mm	120	per Mtr		As per existing make
13)	S&F following sizes of ISI marked Medium duty PVC conduit along with heavy duty accessories in surface /recessed using saddles, clamps, fasteners as required including cutting the wall and making good the same as per specification, drawing & recommended make.				
a)	20 mm	600	per Mtr		As per existing make
b)	25 mm	450	per Mtr		As per existing make
c)	32 mm	200	per Mtr		As per existing make
14)	Supplying and drawing HR PVC insulated & unsheathed flexible industrial three core copper submersible cable ISI marked (IS:694) of 1.1 kV grade and approved make in existing surface or recessed conduit /casing capping including making connections etc. as required.				
a)	3c x 1.5 Sqmm	450	per Mtr		As per existing make
b)	3c x 2.5 Sqmm	500	per Mtr		As per existing make
c)	3c x 4.0 Sqmm	600	per Mtr		As per existing make
d)	3c x 6.0 Sqmm	480	per Mtr		As per existing make
II	REPAIRING OR CHANGE SWITCH & SOCKET MODULER TYPE				
a)	S&F,testing and Connecting 6A Switch SP 1way, 1 module with cover plate	50	Nos		As per existing make
b)	S&F,testing and Connecting 6A Switch SP 2way, 1 module with cover plate	5	Nos		As per existing make
c)	S&F,testing and Connecting 16A Switch SP 1way, 1 module with cover plate	20	Nos		As per existing make
d)	S&F,testing and Connecting 20A Switch SP 1way, 1 module with cover plate	2	Nos		As per existing make
f)	S&F,testing and Connecting 6A Socket (W/O) sutter, 2 module with cover plate	32	Nos		As per existing make
g)	S&F,testing and Connecting 16A Socket (W/O) sutter, 2 module with cover plate	30	Nos		As per existing make
h)	S&F,testing and Connecting 20A Socket (W/O) sutter, 2 module with cover plate	2	Nos		As per existing make
i)	S&F,testing and Connecting 20/25A motor stator 2 module with cover plate	2	Nos		As per existing make
III	REPAIRING OR CHANGE BAKELITE SHEET BOARD,WOODEN BOX, CAPTIVE SCREW TYPE SWITCH & SOCKET				
a)	Provide and instalation 4X4 Module Wooden type box with Bakelite Sheet cover plate	5	Nos		As per existing make
b)	Provide and instalation 7X4 Module Wooden type box with Bakelite Sheet cover plate	3	Nos		As per existing make
c)	Provide and instalation 10X4 Module Wooden type box with Bakelite Sheet cover plate	2	Nos		As per existing make
d)	Provide and instalation 12X4 Module Wooden type box with Bakelite Sheet cover plate	1	Nos		As per existing make
f)	Provide and instalation On Bakelite Sheet installed Screw type fit 6A Switch	20	Nos		As per existing make
g)	Provide and instalation On Bakelite Sheet installed Screw type fit 15A Switch	4	Nos		As per existing make
h)	Provide and instalation On Bakelite Sheet installed Screw type fit 5A Socket	2	Nos		As per existing make
i)	Provide and instalation On Bakelite Sheet installed Screw type fit 15A Socket	2	Nos		As per existing make
	Provide and instalation On Bakelite Sheet installed Screw type fit 240v fan regulator	1	Nos		As per existing make
IV.	LIGHTING FIXTURES & FANS WORK				

14)	Supply,Installation, testing and commissioning of Surface mounted direct / indirect electronic balast luminaire designed for metric false ceiling type or similar ceiling mounting system with powder coated CRCA body , round type with 36 (2X 18) watt CFL Downlighter of Philips / Wipro / bajaj / CG/ Legero make.	15.00	Each			As per existing make
15)	Supply, ,Installation, testing and commissioning of Recessed mounted direct / indirect magnetic balast luminaire designed powder coted CRCA ring for metric false ceiling type Armstrong/ US gypsum or similar ceiling mounting system with concealed or exposed 'T' section round type with 36 (2X 18) watt horizontal downlighters CFL of Philips / Wipro / bajaj / CG/ Legero make.	18.00	Each			As per existing make
16)	Supply,Installation, testing and commissioning of Recessed mounted 1'X1' direct / indirect luminaire designed for metric false ceiling type or similar ceiling mounting system with powder coated CRCA body Aluminium mirror reflector L type with 36 (2X 18) watt CFL light of Philips / Wipro / bajaj / CG/ Legero make.	9.00	Each			As per existing make
17)	Supply,Installation, testing and commissioning of Surface mounted direct / indirect luminaire designed for ceiling surface mounting system with powder coated CRCA body Aluminium mirror reflector type with 36 (2X 18) watt CFL light of Philips / Wipro / bajaj / CG/ Legero make.	6.00	Each			As per existing make
18)	Supply, ,Installation, testing and commissioning of Recessed mounted direct / indirect magnetic balast luminaire designed powder coted CRCA ring for metric false ceiling type Armstrong/ US gypsum or similar ceiling mounting system with concealed or exposed 'T' section round type with 36 (2X 18) watt horizontal downlighters with frosted glass CFL of Philips / Wipro / bajaj / CG/ Legero make.	8.00	Each			As per existing make
19)	Supply,Installation, testing and commissioning of Surface mounted direct / indirect FTL luminaire designed powder coated CRCA sheet with aluminium mirror reflector with (2X 36) watt of Philips / Wipro / bajaj / CG/ Legero make.	4.00	Each			As per existing make
20)	Supply and Fixing of Batten type Bulb Holder of superior quality with all required accessories complete in all respect. of make Antex/ Anchor/ Leader/etc	12.00	Each			As per existing make
21)	Supply,Installation, testing and commissioning of 1x36/40 watt surface mounted type fluorescent tube light with 36/40w tube and stator and chock of ltube light fitting including making connection, testing etc. as required with lube light.	10.00	Each			As per existing make
21) a	Supply,Installation, testing and commissioning of 1x36/40 watt light tube	20.00	Each			As per existing make
21) b	Supply,Installation, testing and commissioning of 1x36/40 watt tubelight open/recessed type Electronic Ballast complete with accessories like screw connector	7.00	Each			As per existing make
21) c	Supply,Installation, testing and commissioning of 1x18 watt tubelight open/recessed type Electronic Ballast complete with accessories like screw connector	6.00	Each			As per existing make
21) d	Supply,Installation, testing and commissioning of 1x36/40 watt tube light open/recessed type stator complete with accessories like screw connector	11.00	Each			As per existing make

22)	Supply,Installation, testing and commissioning of 1x18 watt 2 pin type CFL light complete fit in Downlighter with accessories like screw ,connector .	20.00	Each			As per existing make
23)	Supply,Installation, testing and commissioning of 1x18 watt 4 pin type CFL light complete fit in Downlighter with accessories like screw ,connector .	9.00	Each			As per existing make
24)	Supply,Installation, testing and commissioning of 1x36 watt 4 pin type CFL light complete fit in Downlighter with accessories like screw ,connector .	14.00	Each			As per existing make
25)	Supply, Installation, testing and commissioning of 1x11 watt CFL mirror light including making connection, testing etc. as required with tube.	6.00	Each			As per existing make
26)	Supply of Decorative type bracket light suitable for LED bulb as per approved sample & design of any reputed/ local make.	0	Each			As per existing make
27)	Supply & Fixing of ceiling fan including wiring the down rod up to 30 cm with 3 x 1.5 sq.mm pvc insulated flexible copper conductor making connection testing etc. as required.					
a	900MM DIA	3	Each			As per existing make
b	1200MM DIA	2	Each			As per existing make
c	1400MM DIA	0	Each			As per existing make
28)	Supply & Fixing of Heavy duty capacitor start 900 RPM single phase ISI marked Exhaust fan/ fresh air fan, IS:2312 marked in existing opening including making connections testing etc. as required.					
a	300 MM DIA Exhaust Fan/fresh air fan	5	Each			As per existing make
b	450 MM DIA Exhaust Fan/fresh air fan	3	Each			As per existing make
c	225 MM DIA Fresh Air Fan	4	Each			As per existing make
29)	Supply & Fixing of capacitor start, three speed wall mounting fan of 400 mm sweep with the help of anchor bolts including making connection testing etc. as required.	1	Each			As per existing make
V.	DISTRIBUTION BOARDS WORKS					
30)	P&F 240/415 V MCB of breaking capacity not less than 10 KA (B/C/D tripping characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898 in existing board/sheets including making connections with lugs, testing etc. as per approved make.					
	Single pole					As per existing make
a)	6 Amp to 32 Amp rating,	12	Each			As per existing make
	Three pole					As per existing make
b)	6 Amp to 32 Amp rating,	3	Each			As per existing make
c)	40 Amp to 63 Amp rating,	2	Each			As per existing make
	Four pole					As per existing make
d)	6 Amp to 32 Amp rating,	1	Each			As per existing make
e)	40 Amp to 63 Amp rating,	2	Each			As per existing make
31)	P&F 240/415 V MCCB Thermal magnetic trip ICS =100%ICU , breaking capacity not less than 16 KA (B/C/D tripping characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898 in existing board/sheets including making connections with lugs, testing etc. as per approved make.					
a)	40A FP (25ka)	1	Each			As per existing make
b)	63A FP (25ka)	1	Each			As per existing make
c)	80A FP (25ka)	1	Each			As per existing make
d)	100A FP (25ka)	5	Each			As per existing make
e)	125A FP (25ka)	5	Each			As per existing make
f)	160A FP (25ka)	5	Each			As per existing make
g)	200A FP (25ka)	2	Each			As per existing make
h)	400A FP (36ka)	1	Each			As per existing make
32)	P&F 240/415 V Residual current circuit breaker conforming to IS:12640:1988/ IEC 61008 on existing board/sheet including making connections with lugs, testing etc. as required					
	Two pole 100/300mA sensitivity					
a)	25 A rating	1	Each			As per existing make
b)	40 A rating	1	Each			As per existing make
c)	63 A rating	1	Each			As per existing make

33)	P&F Recessed/ Surface mounting heavy duty horizontal type SPN double door sheet steel Distribution board phophatised/ powder painted complete with copper bus bar, shorting link , neutral link, earth link and din bar, conforming to IS13032 & IS8623 including making internal DB terminations with copper lugs , testing etc. as per approved make.					
a)	4 WAY	1	Each			As per existing make
b)	8 WAY	2	Each			As per existing make
c)	12 WAY	1	Each			As per existing make
d)	16 WAY	1	Each			As per existing make
34)	P&F Recessed/ Surface mounting heavy duty horizontal type TPN double door sheet steel Distribution board phophatised/ powder painted complete with copper bus bar, shorting link , neutral link, earth link and din bar, conforming to IS13032 & IS8623 including making internal DB terminations with copper lugs , testing etc. as per approved make.					
a)	4 WAY	1	Each			As per existing make
b)	6 WAY	1	Each			As per existing make
c)	8 WAY	1	Each			As per existing make
d)	12 WAY	1	Each			As per existing make
35)	P&F recessed/ surface mounting heavy duty vertical type TPN Double Door sheet steel Distribution board with MCCB incomer provision, phophatised ,powder painted complete with insulated copper bus bar , neutral link, earth link and din bar, conforming to IS13032 & IS8623 including making internal DB terminations with copper lugs , testing etc. as required.					
a)	4 WAY	1	Each			As per existing make
b)	6 WAY	1	Each			As per existing make
c)	8 WAY	1	Each			As per existing make
d)	12 WAY	1	Each			As per existing make
36)	P&F recessed/ surface mounting heavy duty vertical steel sheet typ emcb enclosures Distribution board for MCB/RCCB/RCBO incomer provision, phophatised ,powder painted, earth link and including making internal DB terminations with Aluminium lugs , testing etc. as required.					
a)	SP Encloser	1	Each			As per existing make
b)	DP Encloser	2	Each			As per existing make
c)	TP Encloser	1	Each			As per existing make
d)	FP Encloser	2	Each			As per existing make
VI.	LT CABLES & ACCESSORIES WORKS					
37)	Supply, handling, laying, testing and commissioning of following size cross linked polyethylene (XLPE) insulated Aluminium conductor Armoured LT cable suitable for 1.1 KV grade confirming to IS:1554 part 1 of approved make in cable tray /hume pipe / wall / ground as per IS:1255 including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand, 11nd class bricks covering, refilling earth, compaction of earth , including making necessary connection, testing etc. as required of size.					
a)	2 core 6.00 sq.mm	300	R/ Mtr			As per existing make
b)	4 core 10.00 sq.mm	280	R/ Mtr			As per existing make
c)	4 core 16.00 sq.mm	250	R/ Mtr			As per existing make
d)	3.5 core 35.0 Sq.mm	80	R/ Mtr			As per existing make
e)	3.5 core 50.0 Sq.mm	40	R/ Mtr			As per existing make
f)	3.5 core 70.0 Sq.mm	100	R/ Mtr			As per existing make
g)	3.5 core 95.0 Sq.mm	80	R/ Mtr			As per existing make
h)	3.5 core 120.0 Sq.mm	100	R/ Mtr			As per existing make

38)	Supplying and making one end termination with heavy duty single compression brass gland , aluminium lugs duly crimped with crimping tool, PVC tape etc for following size of Armoured PVC insulated & PVC sheathed/ XLPE aluminium conductor cable of 1100 volt grade as required of size.					
a	2 core 6.00 sq.mm	4.00	Each			As per existing make
b	4 core 10.00 sq.mm	4	Each			As per existing make
c	4 core 16.00 sq.mm	3	Each			As per existing make
d	3.5 core 35.0 Sq.mm	2	Each			As per existing make
e	3.5 core 50.0 Sq.mm	1	Each			As per existing make
f	3.5 core 70.0 Sq.mm	1	Each			As per existing make
g	3.5 core 95.0 Sq.mm	1	Each			As per existing make
h	3.5 core 150.0 Sq.mm	1	Each			As per existing make
39)	P & Fabricating & installing following sizes of perforated M.S. cable trays including horizontal and vertical bends, reducers tees,cross members and other accessories as required and duly suspended from the ceiling with M.S. suspenders and including painting					
a)	150mm x 50mm x 1.6mm	10	R/ Mtr			As per existing make
b)	300mm x 50mm x 1.6mm	8	R/ Mtr			As per existing make
c)	450mm x 50mm x 1.6mm	20	R/ Mtr			As per existing make
TOTAL E						
LIFT Work (F)						
S.No	Description	Qty.	Unit	Rate	Amount	Remarks/Brand
1	Service of Lift with parts where ever required	3	Nos			As per existing make
TOTAL F						
Aluminium & Fiber Work (G)						
S.No	Description	Qty.	Unit	Rate	Amount	Remarks/Brand
1	Providing and fixing aluminium partition section 4" x 1.75" with 5 mm plain glass	2000	Sq.ft			As per existing make
2	Providing and fixing aluminium double door section outer 4" x 1.75" , door frame 3.25" x 1.75" with 5 mm plain glass	300	Sq.ft			As per existing make
3	Repairing ACP sheet, Glass, Rubber Etc.	4000	Sq.ft			As per existing make
4	Providing and fixing Toughned glass of 12mm thickness including all supporting hardware fittings	250	Sq.ft			As per existing make
5	providing and fixing 10 mm polycarbonate sheet four layer including all lead and lift with all necessary supporting hardwares including removal of surplus material matching with existing specifications of the material	7000	Sq.ft			As per existing make
6	Renovation of 3rd empire room at South Pavallion terrace including repairing of ACP Sheets, MS work, Aluminium & Glass work with all respect approved by engineer incharge.	1 Job	Nos			As per existing make
7	Providing and Fixing of Bucket Chair at various places of HDPE blow moulded plastic,UV resistant including installation by 2 or 4 anchoring point to the step should be compatible with metallic and pp ,fibre glass brackets	4500	nos			New
TOTAL G						
CARPATE WORK (H)						
S.No	Description	Qty.	Unit	Rate	Amount	Remarks/Brand
1	Providing and fixing of non woven carpet of 3.5 mm thickness including all necessary finishing with removal of existing carpet.	14000	Sq.ft			As per existing make
2	Providing and fixing of non woven carpet of 4 to 4.5 mm thickness	13000	Sq.ft			As per existing make
TOTAL H					0.00	
WOODEN & FURNITURE WORK (I)						
S.No	Description	Qty.	Unit	Rate	Amount	Remarks/Brand

1	Providing and fixing of wooden/plywood section of 12mm ply covering with wooden frame and laminate pasting 0.8mm thickness.	1000	sq.ft			green / marino/ century
2	Enterance table for reception area 4x2 existing with all required paint, hardware and wodden polish.	2	unit			
3	sofa repair includes with all required accessiores, repair of frame, hardware, foam, fabric or leatherite finish	30	per seat			
4	round table of 1200 Dia existing with all required paint, hardware and wodden polish.	1	unit			
5	door repair and lock complete in all respect	8	Unit			
6	Table repair 15000 mm x 600 mm existing with all required paint, hardware and wodden polish.	1	Unit			
7	lock and other repair complete in all respect	20	Unit			
TOTAL I						

CIVIL WORK (J)						
S.No	Description	Qty.	Unit	Rate	Amount	Remarks/Brand
1	Providing and laying in position cement concrete including curring compaction etc. complete in specified grade excluding the cost of centering and shuttering -All work up to plinth level.: M10 grade Nominal Mix 1: 3: 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	100	CUM			
2	Brick masonry in super structure up to third storey.with bricks of class designation 75 in:Cement mortar 1 : 6 (1 - cement : 6 coarse sand)	200	CUM			
3	Half brick masonry in Superstructure , above plinth level upto floor V level using bricks of designation 75 Add extra providing and placing in position 2 Nos. ,6mm Ø M.S. bar at every third course of half brick masonry . Cement mortar 1 : 6 (1 cement : 6 coarse sand)	5500	Sq.ft.			
4	Plaster on new surface on walls in cement sand mortar 1:6 including racking of joint etc. complete fine finish : 20 mm thick	16000	Sq.ft.			
5	12 to 15mm thick neat plaster with water proofing compound.	20000	Sq.ft.			
6	Marble flooring of 16 to 18 mm thick with 50 mm thick bedding in csm 1:5 jointing with white cement including grinding, polishing (plain) etc. Complete.	4500	Sq.ft.			Base rate of marble 100/- sq.ft
TOTAL J						

A.C WORK (K)						
S.No	Description	Qty.	Unit	Rate	Amount	Remarks/Brand
1	South block(A):- Total AC 14+6 = 21 AC's Split AC service charge	14	nos			
2	Cassette AC service charge	6	nos			
3	Split AC gas filling	11	nos			
4	Cassette AC gas filling	3	nos			
5	Split AC compressor exchange	2	nos			
6	Outdoor unit repair	2	nos			
7	North Block(B):- Total AC 20+22 = 42 AC'SSplit AC service charge	20	nos			
8	Ductable AC service charge	22	nos			
9	Split AC gas filling	14	nos			
10	Ductable AC gas filling	16	nos			
11	Ductable AC outdoor motor exchange/rewiring	5	nos			
12	Ductable AC compressor exchange	4	nos			
13	Ductable AC inbuilt-Wiring issue fix/new wiring	7	nos			
14	Ductable AC indoor motor exchange/rewiring	6	nos			
15	Copper pipe	50	Ft.			

16	SITC of Air Cooled split type Air conditioners complete with Indoor unit(IDU), Out door unit (ODU) with stand, surface / concealed copper Refrigerant piping with insulation (EP foam pipe section) upto 3 Mtr (IDU to ODU), copper power cable upto 4 Mtr (IDU to ODU), R-22 Refrigerant, Remote, suitable for 400/230V +10% of 50 Hz ,1 /3 phase AC supply capable of performing cooling, dehumidification, air circulation of following capacity with Scroll / reciprocating / rotary compressor as specified.		Nos			
i Hi Wall/Ceiling Wall Split						
	2.0 TR with 5 star rating of BEE	3	2.0			
	3.0 TR with 5 star rating of BEE	3	2.0			
17	SITC of Air Cooled split type Air conditioners complete with Indoor unit(IDU), Out door unit (ODU) with stand, surface / concealed copper Refrigerant piping with insulation (EP foam pipe section) upto 3 Mtr (IDU to ODU), copper power cable upto 4 Mtr (IDU to ODU), R-22 Refrigerant, Remote, suitable for 400/230V +10% of 50 Hz ,1 /3 phase AC supply capable of performing cooling, dehumidification, air circulation of following capacity with Scroll / reciprocating / rotary compressor as specified.		Nos			
i	Providing and fixing A.C unit 8.5 Ton complete	6	nos			
TOTAL K						

Dismantaling (L)						
S.No	Description	Qty.	Unit	Rate	Amount	Remarks/Brand
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within10 km lead as per direction of Engineer-in-charge. 1:3:6 or richer mix	100.00	SQM.			
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 10 km lead as per direction of Engineer-in-charge. In cement mortar	200.00	SQM.			
3	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable	150	SQM.			
4	Dismantling doors, windows and clearstory windows steel or wood shutter including chowkhats and holdfasts etc. complete and stacking within 10 km lead:	300	SQM.			
	Of area 3 square meter and below.					
	Of area exceeding 3 square meter.					
5	Dismantling barbed wire or chain link fencing including bending making rolls and stacking within500-meter lead.	100	SQM.			
6	Dismantling stone slab/ terrazo chip flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within10 km lead.	100	SQM.			
7	Dismantling roofing including ridges, hips, valleys and rafters etc. and stacking the within 50 meter lead of: GI Sheets	100	SQM.			
8	Dismantling CI or asbestos rain water pipe with fitting and clamps including stacking within 50 meter lead: 150 mm dia	100	SQM.			
TOTAL L						

Date :
Place :

Signature of Bidder
(Within Full Name, Address & Seal)