

SCHEDULE-A

Name of Work: Renovation to EI of Conference Room-2 at Block No. 1/4th Floor (General Administrative Department) Sardar Bhavan, Gandhinagar
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Schedule showing (approximately) the materials to be supplied from the Public Works Store for work Contracted to be executed and the rates at which they are to be charged for

Particulars	Approximate quantity	Rate at which the materials will be charged the contractor		Place of Delivery
NIL	NIL	NIL	NIL	NIL

Sign of Contractor

Deputy Executive Engineer
SC Electrical sub division No. 1
Gandhinagar

Executive Engineer
Sachivalaya Complex Electrical Division
Gandhinagar

SCHEDULE-B

<u>Name of Work:</u>		Renovation to EI of Conference Room-2 at Block No. 1/4th Floor (General Administrative Department) Sardar Bhavan, Gandhinagar					
Item No	Qty		Item	Rate in Figure & Word		Unit	Amount
1	37	Pts.	Replacing old and u/s by new Point wiring for Light / Bell with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length , in below type of pipe erected with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured/metallic/white front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed. (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete Cat. III Make Shall be as per demand of concern department or as approved by Executive Engineer	485.81	Rupees Four Hundred Eighty Five And Paise Eighty One Only	Pt.	17974.97
2A	25	Nos.	Replacing old and u/s by Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge. Make Shall be as per demand of concern department or as approved by Executive Engineer (1)One No. SP 6 Amp. Cat.III	151.50	Rupees One Hundred Fifty One And Paise Fifty Only	Each	3787.5
2B	25	Nos.	.-----do-----.(2) One No 5 pin plug Cat. III	151.50	Rupees One Hundred Fifty One And Paise Fifty Only	Each	3787.5
2C	5	Nos.	.-----do-----.(7) Blank Plate Single Cat.III	25.25	Rupees Twenty Five And Paise Twenty Five Only	Each	126.25
2D	22	Nos.	.-----do-----.(9) 16 Amp. SP one way switch Cat.III	180.79	Rupees One Hundred Eighty And Paise Seventy Nine Only	Each	3977.38
2E	22	Nos.	.-----do-----.(10) 6/16Amp. Universal socket Cat.III	199.98	Rupees One Hundred Ninety Nine And Paise Ninety Eight Only	Each	4399.56
2F	1	Nos	.-----do-----.(19) Modular Indicating Call Bell Cat.III	329.26	Rupees Three Hundred Twenty Nine And Paise Twenty Six Only	Each	329.26
3A	40	Mtrs	Replacing old and u/s by Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected on/in wall or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following dia of pipes, in approved manner as directed Make Shall be as per demand of concern department or as approved by Executive Engineer (a) 20 mm	24.24	Rupees Twenty Four And Paise Twenty Four Only	Mtr	969.6
3B	80	Mtrs	.-----do-----.(b) 25 mm	33.33	Rupees Thirty Three And Paise Thirty Three Only	Mtr.	2666.4
3C	60	Mtrs	.-----do-----.(c)32 mm	54.54	Rupees Fifty Four And Paise Fifty Four Only	Mtr.	3272.4

Item No	Qty		Item	Rate in Figure & Word		Unit	Amount
4	10	Mtrs	Replacing old and u/s by Providing & erecting PVC Corrugated Flexible Conduit with required nos. of coupling, PVC bushes, Check-nuts etc. complete of following sizes. (2) 25 mm Make Shall be as per demand of concern department or as approved by Executive Engineer	21.21	Rupees Twenty One And Paise Twenty One Only	Mtr.	212.1
5A	15	Mtrs	Replacing old and u/s by Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size Make Shall be as per demand of concern department or as approved by Executive Engineer (E) in existing pipe (a) 2 wire 1.5 sq. mm	46.46	Rupees Forty Six And Paise Forty Six Only	Mtr	696.9
5B	165	Mtrs	-----do-----.(E) in existing pipe (b) 2 wire 2.5 sq. mm	62.62	Rupees Sixty Two And Paise Sixty Two Only	Mtr.	10332.3
6	100	Mtrs	Replacing old and u/s by providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size(E) in existing pipe (a) 2 wire 4 sq. mm Make Shall be as per demand of concern department or as approved by Executive Engineer	86.86	Rupees Eighty Six And Paise Eighty Six Only	Mtr.	8686
7	40	Mtrs	Supplying and erecting Flexible PVC insulated multi strand multi core 1.1 kv grade ISI marked copper wires of following size to be erected as directed. (h) 2.50 Sq.mm 3 core round PVC sheathed	77.77	Rupees Seventy Seven And Paise Seventy Seven Only	Mtr.	3110.8
8	70	Mtrs	Supplying & erecting approved make LAN cable of following size in existing pipe as per direction[C] CAT - 6	47.47	Rupees Forty Seven And Paise Forty Seven Only	mtr.	3322.9
9	1	Nos.	Supplying & erecting Electronic Type Cordless Call Bell erected on PVC/Metal board having portable bell push working on D.C. & bell on 230V A.C. supply with cells / battery Make Shall be as per demand of concern department or as approved by Executive Engineer	148.47	Rupees One Hundred Forty Eight And Paise Forty Seven Only	Each	148.47
10	70	Mtr	Replacing old and u/s cable by new Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cables. (B) 4 core 16 Sq. mm Make Shall be as per demand of concern department or as approved by Executive Engineer	987.78	Rupees Nine Hundred Eighty Seven And Paise Seventy Eight Only	mtr	69144.6
11	2	Nos	Providing and, fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables.(d) 2 to 4 core 16 Sq. Mm Make Shall be as per demand of concern department or as approved by Executive Engineer	47.47	Rupees Forty Seven And Paise Forty Seven Only	Each	94.94

Item No	Qty		Item	Rate in Figure & Word		Unit	Amount
12	4	Nos	Solder less crimping type Copper lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (C) 16 Sq.mm. Make Shall be as per demand of concern department or as approved by Executive Engineer	12.12	Rupees Twelve And Paise Twelve Only	Each	48.48
13	2	Nos.	Supplying and erecting led lamps with following wattage capacity of 220 to 240 voltage, minimum 15000 burning hours life, 500 V in built-surge protection, Polycarbonate diffuser, mounting suitable for E14 / E27 / B22 lamp holders, pf >= 0.5 (ii) 5 to 8 watts Cat-III Make Shall be as per demand of concern department or as approved by Executive Engineer	112.11	Rupees One Hundred Twelve And Paise Eleven Only	Each	224.22
14	30	Nos.	Replacing old and u/s PLL fittings by new Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/aluminium pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminium casted body with company mark/name 160V to 270V, Power Factor more than 0.9, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/watt, LED driver efficiency > 85 % (fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings. The Engineer incharge may select any wattage capacity between the ranges shown.) (A) Square/ Circular shaped Surface/Recessed Mount Downlight with provision for spring loaded mounting clips complete. IP20 (iv) 22-24 watts, Surge-2 KV Cat-III Make Shall be as per demand of concern department or as approved by Executive Engineer	758.51	Rupees Seven Hundred Fifty Eight And Paise Fifty One Only	Each	22755.3
15	18	Nos	Replacing old and u/s by new providing and erecting Miniature circuit breaker single pole 6A to 25A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. conforming to IS 8828/1996 with ISI Mark. Cat.III (Make - ABB, L&T, Indoasian, C&S)	112.11	Rupees One Hundred Twelve And Paise Eleven Only	Each	2017.98
16	1	Nos	Replacing old and u/s by new Providing & erecting 415 V MCB Four Pole for Motor & Inductive Load (C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity (c)63 Amp. Cat.III (Make - ABB, L&T, Indoasian, C&S)	737.30	Rupees Seven Hundred Thirty Seven And Paise Thirty Only	Each	737.3
17	3	Nos	providing and erecting Approved make RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 10 KA and suitable for operation on single phase 240 V, 50Hz. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (ii) 40Amps. DP Cat. III (Make - ABB, L&T, Indoasian, C&S)	2235.13	Rupees Two Thousand Two Hundred Thirty Five And Paise Thirteen Only	Each	6705.39

Item No	Qty		Item	Rate in Figure & Word		Unit	Amount
18	20	Kg.	Providing , erecting , fabricating the M.S. structure as per requirement on site incorporating proper size of M.S. angles,square,round, flats, bars, channels, sections complete with cutting, welding, grinding & finishing duly painted with one coat of red oxide with erection on site as per direction of engineer in charge with necessary grouting, cementing, plastering & finishing complete. Make Shall be as per demand of concern department or as approved by Executive Engineer	77.77	Rupees Seventy Seven And Paise Seventy Seven Only	Kg.	1555.4
19	2	Nos	Providing and erecting Galvanise iron floor mounting height adjustable junction box having size of 300x300x65-90 mm.The junction box includes a base, flyovers, lid and disposable cover protection.Make Shall be as per demand of concern department or as approved by Executive Engineer	5866.08	Rupees Five Thousand Eight Hundred Sixty Six And Paise Eight Only	Each	11732.16
20	5	Nos	Providing and erecting Galvanise iron floor mounting height adjustable junction box having size of 150x150x65-90 mm.The junction box includes a base, flyovers, lid and disposable cover protection.Make Shall be as per demand of concern department or as approved by Executive Engineer	3655.19	Rupees Three Thousand Six Hundred Fifty Five And Paise Nineteen Only	Each	18275.95
21	4	Nos	Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/aluminium pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminium casted body with company mark/name160V to 270V,Power Factor more than 0.9, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy> 85 lumens/watt, LED driver efficiency > 85 %(fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.)(i) Adjustable spot light with COB led having aluminium reflector of following wattage (ii) 12 Watts Cat-III Make Shall be as per demand of concern department or as approved by Executive Engineer	966.57	Rupees Nine Hundred Sixty Six And Paise Fifty Seven Only	Each	3866.28
22	30	Mtrs	Supplying under floor pregalvanised corrosion proof rectangular sheet steel cable trunking of 1.6 mm thick having with stand point load up to 1.33 Ton & free from seepage of concrete of screed water with all accessories,Junction Box,Joints as required and demanded by engineer-incharge and laying/erecting as per OEM guidelines and as per instruction of engineer incharge having following size of dimensions and No of compartments (W x D x T) Cat-III [9] 100mm x 38mm x 1.6 mm with One Compartments	548.43	Rupees Five Hundred Forty Eight And Paise Forty Three Only	Mtr	16452.9
Total Rs :-							221411.19
Net Amount:							221411.19
Rupees Two Lakh(s) Twenty One Thousand Four Hundred Eleven And Paise Nineteen Only							

Item No	Qty	Item	Rate in Figure & Word	Unit	Amount
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Sign of Contractor

**Deputy Executive Engineer
SC Electrical sub division No. 1
Gandhinagar**

**Executive Engineer
Sachivalaya Complex Electrical Division
Gandhinagar**

Dismantled Items

<u>Name of Work:</u>		Renovation to EI of Conference Room-2 at Block No. 1/4th Floor (General Administrative Department) Sardar Bhavan, Gandhinagar					
Sr No	Qty		DM Item	Rate in Figure & Word		Unit	Amount
1	1	Lot	Cost of old and u/s various size of wires and cables	200.0	Rupees Two Hundred Only	Lot	200.00
2	1	Lot	Cost of old and u/s switch & Accessories, socket., bell etc.	150.0	Rupees One Hundred Fifty Only	Lot	150.00
3	1	Lot	Cost of old and u/s various sizes of pipes	100.0	Rupees One Hundred Only	Lot	100.00
4	30	Nos.	Cost of old and u/s light fixtures	25.4	Rupees Twenty Five And Paise Forty Only	Ea	762.00
5	18	Nos.	Cost of old and u/s mcb sp	4.9	Rupees Four And Paise Ninety Only	Ea	88.20
6	1	Nos.	Cost of old and u/s isolator 4P	28.2	Rupees Twenty Eight And Paise Twenty Only	Ea	28.20
Total DM Rs :-							₹ 1,328.40
DM in words							
Rupees One Thousand Three Hundred Twenty Eight And Paise Forty Only							

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**Deputy Executive Engineer
SC Electrical sub division No. 1
Gandhinagar**

**Executive Engineer
SC Electrical Division
Gandhinagar**