

SCHEDULE-A

Name of Work: Renovation to EI of Auditorium at Circuit House, Gandhinagar

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 a 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

Name of Work:		Renovation to EI of Auditorium at Circuit House, Gandhinagar					
Item No	Qty		Item	Rate in Figure & Word		Unit	Amount
1	40	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.	19432.4
2			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				
2a	23	Nos.	(1)One No. SP 6 Amp. Cat.III	151.50	Rupees One Hundred Fifty One And Paise Fifty Only	Each	3484.5
2b	23	Nos.	(2) One No 5 pin plug Cat. III	151.50	Rupees One Hundred Fifty One And Paise Fifty Only	Each	3484.5
2c	5	Nos.	(7) Blank Plate Single Cat.III	25.25	Rupees Twenty Five And Paise Twenty Five Only	Each	126.25
2d	23	Nos.	(9) 16 Amp. SP one way switch Cat.III	180.79	Rupees One Hundred Eighty And Paise Seventy Nine Only	Each	4158.17
2e	23	Nos.	(10) 6/16Amp. Universal socket Cat.III	199.98	Rupees One Hundred Ninety Nine And Paise Ninety Eight Only	Each	4599.54
3			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				
3a	160	Mtrs	(a) 20 mm	24.24	Rupees Twenty Four And Paise Twenty Four Only	Mtr.	3878.4
3b	80	Mtrs	(b) 25 mm	33.33	Rupees Thirty Three And Paise Thirty Three Only	Mtr.	2666.4

Item No	Qty		Item	Rate in Figure & Word		Unit	Amount
4	5	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.	106.05
5			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				
5b	180	Mtrs	(E) in existing pipe (b) 2 wire 2.5 sq. mm	62.62	Rupees Sixty Two And Paise Sixty Two Only	Mtr.	11271.6
6			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 (A) with medium class Rigid PVC pipe and accessories Make Shall be as per demand of concern department or as approved by Executive Engineer				
6a	60	Mtrs	(a) 2 wire 4 sq. mm	112.11	Rupees One Hundred Twelve And Paise Eleven Only	Mtr.	6726.6
6b	80	Mtrs	(g) 4 wire 4 sq. mm	180.79	Rupees One Hundred Eighty And Paise Seventy Nine Only	Mtr.	14463.2
7	60	Mtr.	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.	4666.2

Item No	Qty		Item	Rate in Figure & Word		Unit	Amount
8	40	Nos.	Replacing old and u/s 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	30340.4
9	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
10	4	Job	Shifting of Split type Cassette A.C. The Scope includes dismantling, shifting, re-installing & re-commissioning of the units including topping up of Refrigerant gas, all civil work wiring existing piping M S Stand electrical cabling with PVC down piping upto 4.0 TR capacity.	12120.00	Rupees Twelve Thousand One Hundred Twenty Only	Each	48480
11	70	Rmtr	Supplying and erecting insulated pair of soft copper tubing open or concealed including power and control cable, necessary PVC drain pipes for Split AC machine up to 4 TR capacity Make Shall be as per demand of concern department or as approved by Executive Engineer	965.56	Rupees Nine Hundred Sixty Five And Paise Fifty Six Only	Rmtr	67589.2
12	40	Rmtr	Rigid UPVC drain pipe of 10 Kg/cm ² . rating with 9 mm thick nitrile rubber insulation.(C.) 32mm dia.	87.87	Rupees Eighty Seven And Paise Eighty Seven Only	Rmtr	3514.8

Item No	Qty		Item	Rate in Figure & Word		Unit	Amount
13	1	Nos	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) suitable for (B) three phase incoming and single phase horizontal type outgoing Per phase isolation type (PPI) (b) sheet steel double door (iv)12 way Make Shall be as per demand of concern department or as approved by Executive Engineer (Make : C&S, Indoasian,ABB, Lauritz knudsen, Siemens)	3874.36	Rupees Three Thousand Eight Hundred Seventy Four And Paise Thirty Six Only	Each	3874.36
14	16	Nos	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. confirming to IS 8828/1996 with ISI Mark. Cat.III (Make : C&S, Indoasian,ABB, Lauritz knudsen, Siemens)	112.11	Rupees One Hundred Twelve And Paise Eleven Only	Each	1793.76
15			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 (Make : C&S, Indoasian,ABB, Lauritz knudsen, Siemens)				
15a	1	Nos	(c)63 Amp. Cat.III	737.30	Rupees Seven Hundred Thirty Seven And Paise Thirty Only	Each	737.3
15b	4	Nos	(ii) 40Amps. DP Cat. III	668.62	Rupees Six Hundred Sixty Eight And Paise Sixty Two Only	Each	2674.48
16	2	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 : C&S, Indoasian,ABB, Lauritz knudsen, Siemens)	2235.13	Rupees Two Thousand Two Hundred Thirty Five And Paise Thirteen Only	Each	4470.26
17	1	Nos	Supplying and erecting approved make online Un-interruptible Power Supply system comprising flat cum-boost charger with IGBT base rectifier & Inverter & sealed maintenance free SMF batteries. The charger having operating capacity for input 160-270V AC & inverter having output 230V,50 Hz Ac with 0.8 load power factor with battery, over/under voltage output with over load & short circuit protection equipment. The system housed in CRC sheet duly powder coated paint with following power backup.with MS painted batteries stand, 10% Overload capacity for momentary load. (A) 1 KVA with 1Hr Backup Make Shall be as per demand of concern department or as approved by Executive Engineer	29616.23	Rupees Twenty Nine Thousand Six Hundred Sixteen And Paise Twenty Three Only	Each	29616.23

Item No	Qty		Item	Rate in Figure & Word		Unit	Amount
18	30	Mtr	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	987.78	Rupees Nine Hundred Eighty Seven And Paise Seventy Eight Only	Mtr.	29633.4
19	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	47.47	Rupees Forty Seven And Paise Forty Seven Only	Each	94.94
20	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.	12.12	Rupees Twelve And Paise Twelve Only	Each	48.48
21	15	Mtr	Supplying and laying UPVC cable trunking system comprising unplasticised polyvinyl, chloride rigid material with ignition free and flame proof confirming BS with necessary end caps Internal and external bend, flat bends, coupler, tee etc..All necessary accessories and measuring of following sizes(2) 100 mm x 50 mm trunking	428.24	Rupees Four Hundred Twenty Eight And Paise Twenty Four Only	Mtr.	6423.6
22	80	Mtr	Supply,Installation,Testing, and commissioning of 1.5sqmm x 2 Core FRLS Armoured red coloured cable.(Make shall be Approved by competent authority not below Rank of Executive Engineer)	102.72	Rupees One Hundred Two And Paise Seventy Two Only	Mtr.	8217.6
23	4	Nos	Providing & erecting ISI marked 3 pin plug top. (b) for 15/16A, 240 V	32.32	Rupees Thirty Two And Paise Thirty Two Only	Each	129.28
Total Rs :-							318257.30
Net Amount:							318257.30
Rupees Three Lakh(s) Eighteen Thousand Two Hundred Fifty Seven And Paise Thirty Only							

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 Auditorium at Circuit House, 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	100.0	Rupees One Hundred Only	Ea	100.00
2	1	Lot	cost of old and u/s switch & Accessories,socket. etc.	100.0	Rupees One Hundred Only	Ea	100.00
3	1	Lot	cost of old and u/s various sizes of pipes	100.0	Rupees One Hundred Only	Ea	100.00
4	27	Nos.	Cost of old and u/s light fixtures	25.4	Rupees Twenty Five And Paise Forty Four Only	Ea	686.88
Total DM Rs :-							₹ 986.88
DM in words							
Rupees Nine Hundred Eighty Six And Paise Eighty Eight Only							

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SC Electrical sub division No. 1
Gandhinagar

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