

## **SCHEDULE-A**

<b>Name of Work:</b>	<b>A&amp;A to EI at GSCSC Godown Ta. Dhandhuka Dist. Ahmedabad</b>
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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**

<b>Particulars</b>	<b>Approximate quantity</b>	<b>Rate a which the materials will be charged the contractor</b>		<b>Place of Delivery</b>
NIL	NIL	NIL	NIL	NIL

**Sign of Contractor**

**Dy. Executive Engineer  
ESI Electrical Sub Division  
R & B Deptt. Ahmedabad**

### **SCHEDULE-B**

<b><u>Name of Work:</u></b>		<b>A&amp;A to EI at GSCSC Godown Ta. Dhandhuka Dist. Ahmedabad</b>					
<b>Item No</b>	<b>Qty</b>		<b>Item</b>	<b>Rate in Figure &amp; Word</b>		<b>Unit</b>	<b>Amount</b>
1	280	Mtrs	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 (A) With medium class Rigid PVC pipe and accessories (b) 2 wire 2.5 sq. mm	104.03	Rupees One Hundred Four And Paise Three Only	Mtr	29128.40
2	30	Mtrs	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 (b) 25 mm	33.33	Rupees Thirty Three And Paise Thirty Three Only	Mtr	999.90
3	1000	Mtrs	Providing & Erecting 3mm thick acrylic Sheet with grooving as directed	3.03	Rupees Three And Paise Three Only	Mtr	3030.00
4	12	Nos	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. (9) 16 Amp. SP one way switch Cat-III	180.79	Rupees One Hundred Eighty And Paise Seventy Nine Only	Ea	2169.48
5	12	Nos	(10) 6/16Amp. Universal socket Cat-III	199.98	Rupees One Hundred Ninety Nine And Paise Ninety Eight Only	Ea	2399.76
6	6	Mtrs	(1)One No. SP 6 Amp. Cat-III	151.50	Rupees One Hundred Fifty One And Paise Fifty Only	Mtr	909.00
7	1	Mtrs	(2) One No 5 pin plug Cat-III	151.50	Rupees One Hundred Fifty One And Paise Fifty Only	Mtr	151.50
8	6	Mtrs	Providing & erecting ISI marked 3 pin plug top. (b) for 15/16A, 240 V	32.32	Rupees Thirty Two And Paise Thirty Two Only	Mtr	193.92

Item No	Qty		Item	Rate in Figure & Word		Unit	Amount
9	2	Mtrs	Providing & erecting Switch board for Computer or electric apparatus consisting of following modular type accessories mounted with PVC / Metallic concealed/open box with single mounting base frame covered with textured/metallic /white front plate,modules erected with necessary connections as directed 1 no. 6A/16A universal plug-switch combined. 3 nos. 6A Switch 3 nos. 6A 5 pin Plug For Modular Type Accessories Cat-III	1133.22	Rupees One Thousand One Hundred Thirty Three And Paise Twenty Two Only	Mtr	2266.44
10	1	Mtrs	Providing and erecting Approved make Earth fault Relay suitable to mount with inter connection suitable to following size of moulded case circuit breaker having CT ratio & MCCB rating as following along with shunt trip 220V AC. with all internal connections & complete erected in existing M.S.housing.. (1) 15 A -100 A , CT Ratio 1/100	5156.05	Rupees Five Thousand One Hundred Fifty Six And Paise Five Only	Mtr	5156.05
11	4	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 (A) single phase incoming and horizontal single phase outgoing (b) sheet steel double door (IP-43) (i)4 way	629.23	Rupees Six Hundred Twenty Nine And Paise Twenty Three Only	Ea	2516.92
12	4	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 (i) 25 Amps.DP Cat-III	2166.45	Rupees Two Thousand One Hundred Sixty Six And Paise Forty Five Only	Ea	8665.80
13	1	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 3 phase and neutral 415V,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. FP Cat-III	2900.72	Rupees Two Thousand Nine Hundred And Paise Seventy Two Only	Ea	2900.72

Item No	Qty		Item	Rate in Figure & Word		Unit	Amount
14	8	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	123.22	Rupees One Hundred Twenty Three And Paise Twenty Two Only	Ea	985.76
15	5	Nos	Supplying & erecting earth pit of minimum bore dia.150mm size approved make Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 50mm having 80-200 Micron galvanising, Inner pipe dia of 25 mm having 200-250 Micron galvanising, connection terminal dia of 12mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover. (A)(approved make OEM has to submit test certificate including value of earth resistance of installation duly stamped and signed by agency and officer Incharge has to ensure the value of earthing resistance mentioned in test Certificate) & having back filling compound of (B) Inner chemical (CCM Compound)-Resistivity:- 0.2 ohm / meter testing as per IEC 62561-2017, Voltage drop:- < 1 volt at no load & dry form, Sulphur content:- <2%(C) Back fill Compound :- Earthing compound should be capable to retain moisture for long time Necessary test report must be submitted by Agency. (a) For Electrical Installation up to 440V in normal soil Length of pipe - 1 Mtr Back filling compound - 1 Nos Bag of 15 Kg.	4591.46	Rupees Four Thousand Five Hundred Ninety One And Paise Forty Six Only	Ea	22957.30
16	12	Mtrs	Providing and erecting required size HOT deep Galvanised iron strip for earthing of H.T. , OCB/ ACB/ Transformer LT panel board, Motors etc. using proper clamp.	77.77	Rupees Seventy Seven And Paise Seventy Seven Only	Mtr	933.24
17	20	Mtrs	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (B) 4 core 25 Sq. mm	279.77	Rupees Two Hundred Seventy Nine And Paise Seventy Seven Only	Mtr	5595.40

Item No	Qty		Item	Rate in Figure & Word		Unit	Amount
18	4	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. (E) 2 to 4 core 25 Sq. mm	51.51	Rupees Fifty One And Paise Fifty One Only	Ea	206.04
19	16	Nos	Solder less crimping type Aluminium 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) 16/25 Sq.mm.	15.15	Rupees Fifteen And Paise Fifteen Only	Ea	242.40
20	1	Nos	3IN 3OUT Star: Star 20 kVA Air Cooled Servo Voltage Stabilizer Input Voltage Range: 1.Input Voltage Range: 340-480 VAC Output: 415 V $\pm$ 1% Phase to Phase Technology: AC Sync Motor Operated Variac + Buck Boost Transformer Type Display: Micro Controller Based Single Control Card with: a. Per Phase Amp Load b. Per Phase I/P Voltage c. Per Phase O/P: Voltage d. Last Three Trip Error Reason History e. Control Trip Time ON/OFF Delay Time easily Termination: Termination with Bus-Bar of suitable size at both input and output side Integrated with: Input: MCCB with Shunt Release Coil 3P for Cut-Off Output: OLC (Bypass Change Over Switch) 4Pole Output: Surge Protection Device (SPD Class-II) Protection Class: IP21 & Indoor Type	64993.50	Rupees Sixty Four Thousand Nine Hundred Ninety Three And Paise Fifty Only	Ea	64993.50
21	100	Nos	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.	77.77	Rupees Seventy Seven And Paise Seventy Seven Only	Ea	7777.00

Item No	Qty	Item	Rate in Figure & Word	Unit	Amount
Total Rs :-					₹ 164,178.53
Rupees One Lakh(s) Sixty Four Thousand One Hundred Seventy Eight And Paise Fifty Three Only					

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