

SURAT MUNICIPAL CORPORATION					
TRAFFIC-BRTS PROJECT CELL					
SCHEDULE-B					
e-Tender Notice No.:ACE & I/C C.E./Traffic BRTS Pro. Cell/02/2026-27, Work No.3					
NAME OF WORK :- CONSTRUCTION OF BRTS BUS SHELTER ON UDHANA TEEN RASTA TO DINDOLI-KHARVASA (MADHURAM CIRCLE) IN SURAT CITY. (2nd Attempt)					
Sr no.	Item	Quantity	Rate	Unit	Amount
					Rs. Ps.
	<b>CIVIL WORK</b>				
1	Providing and installing barricades including supplying, painting with fluorescent paint/white paint and fixing CGI sheet 24 SWG of required height as per site condition and M.S. angle of required size to restrain at 2.5 mt. c/c and dismantling the same after completion of work and allowing for movement of traffic as per drawing and as per instruction from engineer in charge	540.00	124.72	S.M.	67,348.80
2	Reuse of the above barricades in item 1 for traffic safety purpose without procuring new barricades.	540.00	28.32	S.M.	15,292.80
3	Provision of Solar Blinkers For barricading for limited period at suitable locations as per requirement during the construction in construction zone comprising of warning zone, approach transition zone, working zone and terminal transition zone Etc.	10.00	248.00	Nos.	2,480.00
4	Demolition including stacking of serviceable materials with all lead and lift. (i) RCC Work	10.00	1110.75	C.M.	11,107.50
5	Demolition and disposal of unserviceable materials with all lead and lift (ii) Unreinforced cement concrete	50.00	609.26		30,463.00
6	Demolition and disposal of unserviceable materials with all lead and lift (i) Paver Block	500.00	10.10	S.M.	5,050.00
7	Excavation for foundation includ.sorting out & stacking of useful materials & disposing of the excavated stuff upto 50 mt. Lead & all lift, watering etc. Comp. (A) Loose or Soft soil Executed With Manual Labours				
	(1) 0 To 1.5 mt. Depth	44.00	123.13	C.M.	5,417.72
	(2) 1.5 To 3.0 mt. Depth	0.00	136.47	C.M.	-
8	Boring holes 3.5 mt.deep in ordinary soil ( for cast in situ piles) & disposal of the surplus excavated soil as directed within a lead of 50 M. For following diameter of piles.				
	300 mm dia	565.00	401.28	R.M.	2,26,723.20
9	Providing & laying C.C 1:3:6 (1cement : 3 coarse sand : 6 Crushed stone agg 20m.m Nominal size) &curing comp. excl. cost of form work in :(a) foundation & Plinth	56.00	3095.25	C.M.	1,73,334.00
10	Providing & laying cement concrete 1:1.5:3 (1 cement:1.5 sand:3 graded stone agg. 20 mm nominal size)& curing comp. Includ.cost of form work but exclu. Cost of reinforcement for reinforced concrete work in : (A) Foundation, footing, Base of columns and Mass concrete.	98.00	4250.50	C.M.	4,16,549.00
11	Providing & laying ordinary cement con. 1:1.5:3 (1cement:1.5sand: 3 graded stone agg. 20 mm nominal size) finishing smooth curing etc. comp. Includ. Cost of form work but exclu. Cost of reinforcement for R.C.C. Work in : Up to G.L./P.L.				
	(B) BEAMS :				
	(1)Having c/s area up to 0.08sq.mt	0.00	9102.61	C.M.	-
	(2) Having c/s area more than 0.08 sq. mt. & upto 0.12 sq.mt	45.00	8174.41	C.M.	3,67,848.45
	(3) Having cross sectional area more than 0.12 sq. mt.	0.00	7086.88	C.M.	-

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12	Providing & fixing IS Mark <b>TMT Bar</b> FE 500D reinforcement for R.C.C. work incl. bending, binding & placing in position etc. comp. Upto G.L./P.L.	16550.00	77.29	Kg.	12,79,149.50	
13	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering.	36.00	136.92	C.M.	4,929.12	
14	Half brick masonry in common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1- Cement : 4 -coarse sand ) in foundation and plinth (C)Fly Ash Bricks	195.00	712.81	S.M.	1,38,997.95	
15	Providing 20 mm thick <b>double coat mala cement plaster</b> on brick / concrete work for plastering comprising of base coat 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 (1 Cement : 2 Coarse sand) finished with trowel including scaffolding curing etc. complete.	592.00	286.10	S.M.	1,69,371.20	
16	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1:1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick	358.00	1019.39	S.M.	3,64,941.62	
17	Providing and laying <b>chequered precast concrete tiles 22mm thick</b> with aggregate of sizes upto 6mm in floors treads of steps and landing on 20mm thick bed of C.M. 1:6 (1 cement : 6 sand) or L.M. 1:1.5 (1 Lime putty : 1.5 sand) jointed with neat cement slurry with pigments to match the shade of the tiles.	75.00	545.76	S.M.	40,932.00	
18	Providing and fixing 40 mm thick polished granite stone slab of approved colour and make for platform in ticket cabin area, machine cut to required size with edges machine polished and chamfered as directed. The granite slab shall be laid over cement mortar bed (1:4) of average 20 mm thickness over prepared base, properly aligned, levelled and jointed with matching shade epoxy/cement slurry. The joints shall be neatly finished and the top surface shall be properly cleaned and made ready for use. The item shall include cutting, handling, laying, curing, polishing, labour, materials and all incidental charges complete in all respects as per directions of the Engineer-in-charge.	20.00	6190.80	S.M.	1,23,815.90	
19	Steel work welded in <b>built up sections</b> , framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint (A) in beams & joists channels angles, tees, flats with connection plates or angle cleats as in main & cross beams,hip & trussed purlins connected to common rafter & the like	18.00	9108.48	Qtl.	1,63,952.64	
20	Providing and Fixing Hollow steel Sections Framed Work including Cutting, Hoisting, Welding & Fixing in position Purlin, Main Chord etc. as per Engineer- in-charge.TATA / JINDAL / ASIAN Make.	8494.00	126.00	Kg.	10,70,244.00	

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21	Fabricating, supplying, cutting, bending, fixing and assembling frames etc using aluminium sections of JINDAL/HINDALCO make or equivalent of thickness and fixed to MS framing, concrete members etc with S.S.screws in counter sunk/ S.S. rivets, S.S washers, SS anchor bolts, cleats, hangers etc and other necessary accessories and hardware complete as per detailed drawing and design. (Only finished measurements will be paid for, M.S. framing shall not be part of this item.) The rate shall include 20 micron anodising of approved shade. The sheet type will be finalised by the consultant. The rates shall be inclusive of rubber gaskets and all other hardware. Cutting and making of framing etc shall be done by experts. The rates shall be inclusive of all mechanized tools, cutters, bending machine work, grinders etc.	918.00	535.00	Kg.	4,91,130.00	
22	Providing and fixing stainless steel ( Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	9544.00	450.00	Kg.	42,94,800.00	
23	Providing & fixing <b>Aluminium Composite panel</b> of alum decor, Indobond & Flexibond make to all Surfaces 4mm thick in required colours of exterior consisting of two layers of aluminium skins of 0.25mm thick sandwiching a thermo plastic core in continuous lamination process with PVDF coating of exterior grades ensuring long life colour and fungal resistance. Base frame work with aluminium sections shall be fixed over the all surfaces, ACP shall be fixed to the frame work as cladding it includes cost of labour ,Materials, accessories, adhesive, scaffolding, wastages, transport, taxes, fixing into a neat finish in aesthetic point of view, without any undulations in facias all complete as per drawing and instruction of engineer in-charge.	944.00	1310.98	S.M.	12,37,565.12	
24	Providing and fixing in position as per designs 10mm thick toughened glass of required size with diamond polished edges of Asahi, Modiguard make or equivalent. The glass shall be firmly fixed to the base surface using structural silicon of Dow Corning or Wacker make. The contractor shall ensure that the base surface is thoroughly cleaned prior to fixing of glass and the assembly shall be made completely water tight. The contractor shall check for water tightness and provide a certificate for the same. The work shall be executed to the complete satisfaction of the Engineer in charge and the work area shall be made totally clean on completion of the work.	35.00	4082.44	S.M.	1,42,885.40	

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25	Providing and fixing factory manufactured PUF (Polyurethane Foam) insulated sandwich roof panels of 50 mm thickness having pre-painted colour coated GI sheet of minimum 0.45 mm thickness on both sides with injected rigid polyurethane foam core of density not less than $40 \pm 2 \text{ kg/m}^3$ , suitable for roofing application. The panels shall be laid over MS purlins with proper alignment and slope, fixed using self-drilling screws with EPDM washers to ensure complete water tightness. The joints shall be interlocked and sealed with approved sealant to prevent leakage. The work shall include cutting to required size, lifting, placing, fixing, finishing edges, ridge/side flashing where required and making the entire roof assembly fully weatherproof. The contractor shall ensure proper slope for drainage and provide water tightness certificate after completion. The work shall be executed to the complete satisfaction of the Engineer-in-charge.	312.00	2395.00	S.M.	7,47,240.00	
26	Providing and fixing terracotta blocks of size 8" x 8" x 2.5" in approved pattern using polymer modified adhesive / chemical mortar system, properly aligned and levelled to form ventilated screen wall of required height. The item shall include cutting, alignment, temporary bracing, adhesive application, curing, scaffolding and all labour, materials and incidental works complete as per approved drawings and directions of the Engineer-in-charge	180.00	3525.15	S.M.	6,34,527.45	
27	Providing and installing in position HDPE synthetic Fiber carry rollers of 100mm dia as per the design drawings of the Consultant. The rollers shall have seals which are with labyrinth seal components, non-rubbing polymer seal and attached with dust and water deflectors. The rollers shall be such that they shall have good rolling during impact and shall not damage the body of the bus nor shall get damaged during impact and shall act as a protecting mechanism for the bus and the surface of the bus shelter. The installation of the rollers shall be as per the instructions of the manufacturers. Samples shall be approved prior to installation. Roller shafts shall be made of stainless steel and multi labyrinth seals shall be filled with high grade lubricants.	140.00	929.00	Nos.	1,30,060.00	
28	<p>Providing &amp; applying two coats of weather shield max paint (3 coats may be required in case of darker colours.) of ICI Dulux or Apex Ultima of Asian Paint including applying exterior acrylic primer coat as per manufacturers specification and directions in shade and colour approved by architects, on exterior surfaces of the building including scaffolding, preparing the surface, watering, curing etc. complete and as directed by the architects and manufacturers.</p> <p><b>Surface Preparation :</b> surface is thoroughly clean, dry and free from all loose dirt, chalk, grease, fungi, algae and flaking paint. This can be achieved by brushing with a wire/ stiff coir brush, followed by water jetting if required. Fill up all minor cracks and defects with white cement and sand mixture in the ratio 1:3. For application on previously painted wall, previous coatings of paint must be thoroughly scraped off and Clean the surface thoroughly using wire brushes.</p> <p><b>Priming:</b> Apply a liberal coat of exterior acrylic primer and allow it to dry for 4-5 hours. Application of putty is not recommended. Minimum 4-6 hours duration is required between each coat of weather shield max paint</p>	535.00	82.00	S.M.	43,870.00	

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29	Applying Priming coat over new steel and other metal surface after over and including preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter and scoured with brushed fine steel wool, scrapers and sand paper with ready mixed priming paint brushing red lead.	732.00	36.74	S.M.		26,893.68
30	Painting two coat (excluding priming coat) on new steel and other metal surface with synthetic enamel paint, burshing to give an even shade including cleaning the surface of all dirt, dust and other foreign matters.	732.00	68.57	S.M.		50,193.24
	<b>Total Civil Work</b>					<b>124,77,113.29</b>
	<b>ELECTRIFICATION WORK</b>					
	<b>Internal Wiring &amp; Light Fixture</b>					
31	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. <b>(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete Cat. III</b>	100.00	485.81	Pt.		48,581.00
32	Point wiring for Individual Plug with & 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 complete with Modular type switch & 5 pin Plug erected on PVC / Metallic/Wooden box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories. <b>[I] For 6A Plug and 6 a switch with 2-1.5 sq.mm Cu. Wire from nearby switchboard/mcb db board.(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete Cat. III</b>	20.00	510.05	Pt.		10,201.00
33	Point wiring for Individual Plug with & 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 complete with Modular type switch & 5 pin Plug erected on PVC / Metallic/Wooden box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories. <b>[II] For 16A Plug and 16 amp switch with 2-2.5 sq.mm Cu. Wire from mcb db board.(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete Cat. III</b>	10.00	745.38	Pt.		7,453.80
34	Wiring for the UPS / Comp. / Raw Power outlet with 2 nos. of 250 volts single phase and neutral 16 amps switched socket outlet with 4 sq mm x 3 core FRLS Round flexible copper conductor 1100 volts grade wires of approved make in concealed or surface mounted Prelaid 25 mm dia medium guage PVC Conduit / Race ways including providing and fixing of 2 no.s of 16 amps 5 pin switch socket outlet of approved quality colour make & design in 2 mm thick GI box and earthing of fixtures and the outlet box . ( Maximum 2 nos. of Plugs can be looped in 1 Circuit )	20.00	1333.20	Nos		26,664.00
35	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. <b>(4) TV Co-axial Socket outlet Cat. III</b>	20.00	160.59	Each		3,211.80

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36	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 Cat.III	10.00	1133.22	Each		11,332.20
37	Supplying & erecting approved make LAN cable of following size in existing pipe as per direction <b>[C] CAT - 6</b>	500.00	76.76	Mtr		38,380.00
38	Providing and fixing 350 x 350 x 40 mm deep 2 mm thick GI sheet junction box including providing 3 mm thick stainless steel cover as per specification.	30.00	914.05	Nos		27,421.50
39	Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 3 Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminum housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses, with toughened glass with company mark/name engraved or embossed 160 to 270 V,Power Factor more than 0.95, THD < 10 %, CCT 3000 K to 5700K,Uniformity ratio >0.45, Luminaire efficacy> 100 lumens/watt . LED driver efficiency > 85 %.( fittings 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.) <b>(A) Street Light (IP-65), Surge protection -4KV integral and ,Light must have 440VAC line supply with over-voltage protection. (i) above 36 to 48 watts Cat-III</b>	20.00	3345.12	Each		66,902.40
40	Supplying and erecting Street light pole bracket comprising main B Class GI pipe of 4.2 cm/require outside dia. complete with suitable B Class G.I. sleeve tubing of approx. 45cms.length and suitable for 76.5mm/80mm/require size of pole top having nuts and bolts for fixing the brackets and having spread of 0.5 mtr. Length with 110 deg.with vertical plane and suitable welded stiffener reducer and nipple with check nut complete painted with one coat.of Red oxide / PU base primer and two coats of Aluminium / PU paint. paint with following nos of arms. <b>[A] Single Arm bracket 0.5 Mtr</b>	20.00	491.87	Each		9,837.40
41	Supplying and erecting approved make Bracket fan of 230 volt, A.C. 50 Cy/s., 400/450 mm sweep complete erected on wall or with lead Cores and connections complete. Cat.II	30.00	2105.85	Each		63,175.50

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42	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.) <b>(A) Square/ Circular shaped Surface/Recessed Mount Downlight with provision for spring loaded mounting clips complete.IP65 (iv) 22-24 watts, Surge-2 KV Cat-III</b>	80.00	758.51	Ea.		60,680.80
43	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 die cast powder coated and high U.V. & corrosion resistance with diffuser with company mark/name 120 to 300 V, Power Factor more than 0.9, THD < 10 %, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/watt, LED efficiency 110 lumens/watt LED driver efficiency > 85 % CREE / OSRAM / PHILIPS Lumileds / NICHIA / SEOUL/Bridgelux make LED used for luminaire. ( 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.) <b>(A) LED Lamps integral type, cool white with PC diffuser suitable for B22 LAMP holder (b) 5 to 8 watts cat-III</b>	80.00	112.11	Each		8,968.80
	<b>LT Switchgear, Distribution Boards &amp; LT Panel</b>					
44	Providing and erecting Miniature circuit breaker single pole <b>6A to 25A</b> 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 <b>(for lights + fans + Tv)</b>	30.00	112.11	Each		3,363.30
45	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 <b>(i) 25 Amps.DP Cat. III</b>	10.00	1969.50	Each		19,695.00
46	Providing & erecting 240 V <b>MCB double pole</b> switch for motor & inductive load (C Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity <b>(A) 6 to 32 Amp. Cat.III (for AFSC)</b>	10.00	299.97	Each		2,999.70
47	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 (a) single door (IP-30) (i) 4 way	10.00	355.52	Each		3,555.20

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48	Providing & erecting 240 V MCB double pole switch for motor & inductive load (C Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity (B) 40 Amp. Cat.III	10.00	330.27	Each		3,302.70
49	25 A / 100 mA DP ELMCB	20.00	2323.00	Each		46,460.00
	<b>Cables and Wires</b>					
50	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 )	300.00	82.82	Mtr		24,846.00
51	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 (E) in existing pipe (a) 2 wire 1.5 sq. mm	600.00	46.46	Mtr		27,876.00
52	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. (A) 4 core 10 Sq. mm	300.00	676.70	Mtr		2,03,010.00
53	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. (C) 2 to 4 core 10 Sq. mm	20.00	38.38	Each		767.60
54	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. (B) 10 Sq.mm	40.00	13.13	Each		525.20
55	Making trench in soft soil of suitable width of 90 cm deep for laying cable or locating the fault all over the run and back filling the same and making the surface as normal ground.	300.00	55.55	Mtr		16,665.00
56	Providing & laying approved make Double walled corrugated pipes (DWC) of polyethylene(conforming to IS 14930 II )with necessary connecting accessories of same material at required depth in existing trench for laying of cable. below ground / road surface for enclosing cable (A)50 mm outer dia	300.00	62.62	Mtr		18,786.00
	<b>Earthing and Automatic sliding Doors &amp; MISC</b>					
57	Providing and erecting HOT deep Galvanized iron strip wire 8 to 16 SWG.	100	77.77	Kgs		7,777.00



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58	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 resistane 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, Sulphar 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. <b>(b)For Electrical installation up to 11 KV in normal soil.Length of Pipe : 2.00 mtrs Back filling Compound :1 no. Bag of 25 Kg.</b>	20.00	5760.03	Each		1,15,200.60
59	Providing and fixing 01 units Automatic sliding Doors (2 leafs) of size as per drawing for items to be fitted onto the Bus Station excluding any other RF component.) with Four Door RF Controller with 3 RFID Reader with weatherproof Stainless-Steel enclosure to be fitted near the bus door with Emergency Door operations Switches in Ticket office (inclusive of two-year warranty period) + Four Door RF Controller (inclusive of two-year warranty period) + RFID Reader with weatherproof Stainless-Steel enclosure to be fitted near the bus door (inclusive of two-year warranty period) + Emergency Door operations Switches in Ticket office (inclusive of two-year warranty period) ( SD unit Per Station .Each Unit comprise two leafs)	10.00	306030.00	Lot		30,60,300.00
	<b>Total Electric Work</b>					<b>39,37,939.50</b>
			<b>Total A + B</b>			<b>164,15,052.79</b>

SIGNATURE OF THE CONTRACTOR.

EXECUTIVE ENGINEER  
TRAFFIC BRTS PROJECT CELL  
SURAT MUNICIPAL CORPORATION