

Surat Municipal Corporation

Executive Engineer &
General Manager (Engg-SSL)



Surat Sitilink Ltd
Room no.95, 2nd floor
Surat Mahanagar Sevasadan
Muglisara,
Surat-395003

Sub:- Quotation for Supply, Installation, testing & commissioning of Wires/Cables and other items for various BRTS Bus shelter on Udhana - Sachin Corridor

To
Executive Engineer &
General Manager (Engg- SSL)
Surat Sitilink Limited,
Room no 95-96,
Surat Municipal Corporation
Mugalisara - Surat-395003

Dear Sir,
Surat Sitilink Ltd. Invites Quotation for Supply, Installation, testing & commissioning of Wires/Cables and other items for various Bus shelter on Udhana – Sachin Corridor for items @ not exceed than 1, 99,000 or 1 (one) year whichever is earlier on annual rate contract (ARC) from various Govt. Approved Electrical Contractors at Surat Sitilink Limited. Following are the details.

Sr no (Items)	Product Specifications (As installed in bus shelters)	Quantity per Bu shelter (Approximate)	Unit (Nos/Mtr)	Rate with All levies, duties, transportation etc (Except GST) per Unit
1	Point wiring for Light / Fan/ Bell/ Primary Point 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 upto max length of 10 mt in existing pipe erected concealed in wall/ceiling complete.	22	Nos	
2	Point wiring for secondary light point 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, in below type of pipe to be erected complete with earth continuity and necessary connection with primary light with accessories (Maximum up to 6 mtrs length, excess will be considered as Mains for Secondary Point.	06	Nos	
3	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 in Existing pipe/conceal.			-----
(a)	2 wire 1.5 sq. mm	30	Mtr	
(b)	2 wire 2.5 sq. mm	30	Mtr	
4	providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in f 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 with 4 wire 4 sq. mm in existing pipe/concealed.	60	Mtr	
5	Providing and erecting ISI mark Medium class RIGID PVC PIPES of 32 mm 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 .	65	Mtr	
6	Providing & erecting Switch board for Computer or electric apparatus consisting of following modular type accessories mounted with PVC / Metallic concealed/open	03	Nos	

	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			
7	Supplying & erecting M.S. Box having 16 Gauge painted with red oxide or Heavy duty PVC box erected flushed on wall or concealed in wall with necessary plastering & finishing as directed of following size. 100 mm x 100 mm x 75 mm(d)	6	Nos	
8	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.			-----
(a)	One No. SP 6 Amp.	4	Nos	
(b)	6/16Amp. Universal socket	10	Nos	
(c)	16 Amp. SP one way switch	10	Nos	
9	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 (4 core 25 Sq. mm)	180	Mtr	
10	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 :- 63 mm outer dia	120	Mtr	
11	Disconnecting the cable connection and Providing straight joint with PVC mould using heat shrink /cast resin type epoxy compound Insulating material and making the joint complete using necessary in line connectors, hardener, earth continuity connection, spacers etc. and reconnecting the same & ensure the joint resistance within the limits as per IS (up to 25 Sq mm Cable)	02	Nos	
12	Supplying & erecting XLPE(IS:7098)(I)-88 ISI unarmoured copper cable 1.1 KV grade to be erected as directed of 3 core 2.5 Sq. mm	170	Mtr	
13	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.(approved make OEM has to submit test certificate) & having back filling compound of (B) Inner chemical (CCM Compound)- Resistivity:- 0.2 / 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 with masonry chamber 1000 x 500 mm with concrete base C I heavy duty.			_____
	For Electrical installation up to 11 KV located in other than normal soil i.e. Soft Rock, Marshy Soil etc. -Length of Pipe : 2 mtr -Back filling Compound: 1 no. Bag of 25 Kg.	02	Nos	
14	Making trench in Hard Murrum / Tar Road of suitable width of 90 cm or required depth for laying any size of cable or locating the fault all over the run and back filling the same and making the surface as normal ground.	20	Mtr	
	(a) If additional machinery like hammer driller or JCB use	10	Mtr	
15	Wall Fan of 36" similar of Crompton / Usha make	01	Nos	
16	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	10		

	powder coated and high U.V. & corrosion resistance with diffuser with company mark/name 160V to 270V, Power Factor more than 0.9, THD < 15%, CCT 4000K, Luminaire efficacy> 85 lumens/watt ,LED 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 in charge may select any wattage capacity between the ranges show 20 Watts, Surge - 4KV,IP-20, 4 feet			
		Total (In words)		

Note:- Above quantities are indicative only and work order will be given as per present situation.

- Contractor has to visit the Site, take measurement and check all conditions and installed apparatus installed at bus shelters before filling Quotation invited for. No excuse will be accepted afterward.
- The Quotation is to be sent in the name of ‘Executive Engineer & General Manager (Engg-SSL), Surat Sitilink Limited, Surat Municipal Corporation, Gordhandas Chokhawala Marg, Mugalisara , Surat-395003, , in Sealed Envelope on or before 06/06/2023 up to 18.00 Hrs. by Speed Post/ RPAD or In hand only.
- Quoted Rate will be valid for 12 months and Surat Sitilink Limited may order more items as per the approved rate. Quotation will remain valid for 120 days from the last date of submission.
- Contractor has to quote rate per unit only as per quantity mentioned in quotation and total rate quoted will be considered for deciding L1 bidder.** Above Rates are inclusive of All Levies, Duties, transportation, labour but excluding Goods and Service Taxes (GST). If any column remains blank then quotation will be treated as cancelled.
- Electrical Contractor must have valid Electrical contractor license, GST Registration certificate and has to submit with Quotation.
- The scope of work includes Removing of existing cables/wire and other accessories and other items and installs new items as per instruction given by Engineer – In charge as per site situation. Contractor need to return old items.
- No Advance Payment will be given. 95 % Payment will be given after successful completion of work and 05 % Payment will be released after 06 months subject to satisfactory work.**
- The awardee agency has to complete work within 10 days (Ten) of work order given. Any delaying beyond this tends to apply penalty Rs. 500 /- day of delaying.
- Delaying in submission of the quotation will not be considered.
- Contractor must follow technical specifications as per attachment& IS standard.
- Successful awardees agency has to enter in to the agreement +Surety +Undertaking of Rs.(300+300+300) Stamp paper and submit Demand Draft of Rs. 10,000 /- in the favor of 'Surat Sitilink Limited' as performance security within 10 days, failing to which penalty @ 0.065 % per day of delay of performance Security amount .
- Contractor must follow all safety measures while performing of work.
- Surat Sitilink Ltd Reserves the right to accept or reject any or all the quotations received without assigning any reasons thereof.
- Any item not mentioned above and if need for execution will be paid as per prevailing SOR rates.

Dt: / /2023 _____
 Surat Name of Proposer Sign & Stamp of Proposer

Items	List of Approved Brand
Cable	XLPE armoured cable for 1.1 KV as per ISI 1554 UNISTAR, Gloster, CCI, Incab, Torrent, FINOLEX, Bharat Cab, Havells, Avocab, KEI, RR Kabel
Flexible Copper Wires (FRLS)	R.R. Kable, Finolex, Avocab, Polycab, Bharatcab, KEI
Rigid PVC Conduit (FRLS only)	Rex, Gemini, Duraline, SY-ARON (VARAHI POLYMERS)
Chemical Type Earthing	Ashlok, LPI, etp, Multi Mees
Fan	Crompton, Usha, Orient, Bajaj,Havell’s
Switches	Salzer (S-90), MDS (My linc), Crabtree, Legrand (Myrius),
Earthing	Ashlok, LPI, etp, Multi Mees
LED Chip	Cree/ Osram/ Nichia/ Philips Lumileds

List of Bus shelters

Details of the Bus shelters :-	
1	Udhana Darvaja
2	Satyanagar
3	Udhana Teen Rasta
4	Udhna GSRTC
5	Udhana Academy
6	Laxminarayan Temple
7	DaxeshvarMahadev
8	Pandesara GIDC
9	KaamnathMahadev
10	Navin Florine
11	BhestanNaheer
12	Bhagavatinagar Industrial Estate
13	unnnaka
14	unn industrial estate
15	unn char rasta
16	Green Park
17	Sachin GIDC