

કાર્યપાલક ઈજનેર  
સાઉથ ઝોન-એ(ઉધના)



સુરત મહાનગરપાલિકા,  
સાઉથ ઝોન-એ (ઉધના)  
સત્યનગરની સામે, ઉધના, સુરત  
☎ ૨૨૭૭૦૪૩, ૨૨૭૮૪૨૯

પત્ર

સા. ઝોન-એ/ટેક/નં. ૫૧૮૫

તા. ૧૩/૦૮/૨૦૨૪

પ્રતિ,

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વિષય:- સાઉથ ઝોન-એ(ઉધના)નાં કાર્યક્ષેત્રમાં આવેલ ખટોદરા કોમ્યુનિટી હોલ તથા ભેસ્તાન BRTS કોમ્યુનિટી હોલ ખાતે આવેલ પાર્ટી પ્લોટ ખાતે સ્થાપિત સ્ટ્રીટલાઈટ સીસ્ટમ રીનોવેશન કરવાના કામ બાબતે સંમતિપત્ર આપવા બાબત.

સંદર્ભ:- (૧) સ્થા.સ.ઠ.નં. ૬૨૭/૨૦૨૪, તા.૦૭/૦૩/૨૦૨૪ની મંજૂરી

(૨) ગાર્ડન પ્રોજેક્ટ સેલનો વર્ક ઓર્ડર નં. પી.પી.જી.(પ્રોજેક્ટ સેલ)/આ.નં. ૧૭,  
તા. ૧૨/૦૩/૨૦૨૪.

મહાશય,

ઉપરોક્ત વિષય તેમજ સંદર્ભ અન્વયે જણાવવાનું કે, સાઉથ ઝોન-એ(ઉધના)નાં કાર્યક્ષેત્રમાં આવેલ ખટોદરા કોમ્યુનિટી હોલ તથા ભેસ્તાન BRTS કોમ્યુનિટી હોલ ખાતે આવેલ પાર્ટી પ્લોટ ખાતે સ્થાપિત સ્ટ્રીટલાઈટ સીસ્ટમ રીનોવેશન કરવાની કામગીરી ઉપરોક્ત સંદર્ભ હેઠળના ગાર્ડન પ્રોજેક્ટ સેલના મંજૂર કામના ભાવો અને શરતો મુજબ આ સાથે સામેલ શિડયુલ-બી માં કુલ્લે રૂ. ૪,૪૮,૧૯૧.૮૦ પૈસાની (જીએસટી સહિત) થી % ઉચા/નીચા મુજબ ભાવો ભરી શિડયુલ-બી પર જરૂરી સહિ/સિક્કા કરી તા.૨૨/૦૮/૨૦૨૪ સુધીમાં સાઉથ ઝોન-એ (ઉધના) વહિવટી કચેરી ખાતે નીચે સહી કરનારને પહોંચતું કરશો. સમય મર્યાદા બાદ આવેલ ભાવપત્રકને ધ્યાને લેવામાં આવશે નહીં જેની નોંધ લેશો. સદરહું કામગીરી અને ભાવો અંગેની વિસ્તૃત માહિતી અત્રેના લાઈટ વિભાગમાંથી મેળવી શકાશે.

નોંધ:- આ કામે ૨% સિક્યુરીટી ડીપોઝીટ ભરવાની રહેશે અને જરૂરી એગ્રીમેન્ટ કરવાના રહેશે.

બિડાણ:- શિડયુલ-બી

કાર્યપાલક ઈજનેર,  
સાઉથ ઝોન-એ(ઉધના)  
સુરત મહાનગરપાલિકા

Surat Municipal Corporation					
South Zone-A(Udhna)					
Light Department					
Schedule-B					
Sr. No.	Item Description	Qty.	Unit	Rate per unit in Rs.	Total Amount in Rs.
1	Supply of approved make frp/grp pole having following specifications: FRP/GRP pole made by centrifugal moulding process using thermoset resin polyester/epoxy resin system having minimum glass content 45.0%.The pole should be in one piece and tapered round in shape,having smooth outside surface finish and should be totally free from corrosion as well as non conductiveand shock proof. Pole should be provided with FRP/GRP base bracket dully fabricated from metal(M.S) and dully claded with FRP/GRP material to avoid any metal exposer and painted with PU paint.Pole should mechanical properties i.e .1. Specfic gravity (ASTM D 792) 1.3-1.8 Kg/m3, 2. GlassContent % by weight (ASTM D 2584) 45.0 -55.0%, 3. Water absorption (ASTM D 570) <0.5%, 4. Tensile Strength(ASTM D 638) 200+/-50Mpa, 5. Flexural strength (ASTM D 790) 250+/-50Mpa, 6. Compressive Strength (ASTM D 695) 200+/-50MPa, 7. Yeild Strength(ASTM D638) 250 +/- 50MPa.Pole should be flame retardant as per IS 6746. Resin used shall be UV resistance and pigmented. Pole should be painted with first coat of epoxy primer and then two coat of highly weather resistance polyurethen paint to ensure proper adhesion of the paint. Minimum thickness shall be 80 to 100 micron.Deflection of the pole shall not exceed more than 10.0 % of the length of the pole for the given load. Pole should be generally made as per the dimensional data,performance criteria and some interchagebility features of poles as per the standard ANSI C123.20 latest version of ASTM D 923/01 including cable termination box with necessary accessories. The size of pole and type of installation with foundation, Anchor Base & Internal junction box as per the manufacturer details and site requirement.(3) 'B' class (Heavy Duty) frp/grp pole suitable for base plate mounting				
	[D] Overall Length of 6.0 meter, Average thickness: 7mm, Top/Bottom Outside Dia 76/176mm +/- 2.Weight of Pole 25.0 Kg approx (Without base) Metal Anchor Base dully frp claded (Size: 340 Ø * 12mmthk , Mounting hole PCD 285 mm * 6 nos. of 20 Ø hole )	10	Nos.	20038.40	200384.00
2	Providing FRP/GRP arm bracket of having 15° arm with 50mm OD pipe *5 mm thk, 1000mm long from pole centre B) Double arm bracket	10	Nos.	2242.20	22422.00
3	Providing 1:2:4 cement concrete foundation & 70 % PCC from bottom including excavation for the pole of size 45 x 45 x 100 cm. Deep in below ground level with plinth of 45 cm x 45 cm (or 45 cm dia x 45 cm) high upper ground level with necessary curing and finishing in approved manner. ( for 4 & 6 mtr pole)	10	Nos.	953.44	9534.40

(P.T.O.)

4	Providing and, fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with outgoing tails, insulating tape etc for following size of cables. (B) 2 to 4 core 6 Sq. mm	20	Nos.	43.43	868.60
5	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. (A) 1.5/ 2.5/4/6 Sq.mm	80	Nos.	6.06	484.80
6	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 6 Sq. mm	50	Mtr.	144.43	7221.50
7	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	50	Mtr.	72.72	3636.00
8	Making trench in soft soil of suitable width of 90 cms deep for laying cable or locating the fault all over the run and backfilling the same and making the surface as normal ground.	50	Mtr.	54.54	2727.00
9	Supplying & erecting Flexible PVC insulated multistrand multicore 1.1 KV grade ISI marked Copper Wires of following Size to be erected as directed. h) 2.5 Sq.mm 3 core round PVC sheathed	60	Mtr.	85.85	5151.00
10	providing and erecting Miniature circuit breaker single pole 0.5A to 2A system and having breaking capacity 10 KA to be erected in existing box. conforming to IS 8828/1996 with ISI Mark Cat.III	10	Nos.	318.15	3181.50
11	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 aluminum 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) Flood Light (IP-65), Surge protection -4KV integral and 10KV External/Internal ,Light must have 440VAC line supply with over-voltage protection. (iv) above 90 to 120 watts Cat-III	14	Nos.	12827.00	179578.00
12	Painting the number and words for (st.light pole numbering and back ground of colour as per Zone Code) inventory Identification on erected fittings/ equipment's or such accessories as may required with good quality of enamelled paint. The numbering and back ground of colour shall be as per Zone Code on. (i) up to 20 characters, Up to 75 mm Height.	10	Nos.	58.00	580.00

13	Providing & Erecting Pipe type earthing having 150 cms.long and 2.5 cms. dia. galvanised iron pipe with coupling and buch buried in specially prepared earth pit complete with necessary 8 SWG earth wire with using salt and charcoal / coke as required for pipe type earthing.	10	Nos.	636.30	6363.00
14	Supplying & erecting approved make SMC press moulded composite FRP. loop-in, loop-out approx. 2mm thick box complete with bakelite connector strip 5way (3P+N+E) & hinged doors having locking arrangements with mounting clamp with nuts, bolts & washers suitable for erection on pole with cable clamps& earth bolt of following size of box. (B) 250mm x 200mm x 100mm [deep]	10	Nos.	606.00	6060.00
<b>Amount in Rs.</b>					<b>4,48,191.80</b>

I/We here by tendered to execute the above mentioned description of a work in accordance the accompanying specification and condition in consideration of the quantity of the work to be executed at PAR rate i .e. same cost / at \_\_\_\_\_ % (Percentage) in word \_\_\_\_\_ Percentage Below / Above amount shown in Above Schedule-B

**SEAL & SIGNATURE OF THE AGENCY**

-Sd-  
Executive Engineer  
South Zone-A (Udhna)  
Surat Municipal Corporation