

COMPARATIVE STATEMENT

NAME OF WORK :- Construction of Public Toilet towards at Cityside at C.A. Porbandar. Sh:Electrical Works

It. No.	Description of item	Unit	Qty	Justified Cost		M/s. Techno Electricals., Vadodara - 390016		M/s. Unicon Engineering Co., Porbandar - 360575	
				RATE	AMT	RATE	AMT	RATE	AMT
1.00	Supply of XLPE insulated and PVC sheathed aluminium armoured power cable of 1.1 KV grade conforming to IS : 7098-I with up to date amendments & of size 3.5X25 sqmm all as reqd. & as specified.	Mtr	350.00	165.00	57750.00	170.00	59500.00	168.00	58800.00
2.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required. Up to 35 sqmm	Mtr	275.00	27.00	7425.00	45.00	12375.00	28.00	7700.00
3.00	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc..direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. 63 mm dia (OD-63 mm & ID-51 mm nominal)	Mtr	275.00	198.00	54450.00	175.00	48125.00	58.00	15950.00
4.00	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. Up to 35 sqmm	Mtr	25.00	34.00	850.00	50.00	1250.00	80.00	2000.00
5.00	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 3½ X 25 sq. mm (28mm)	Each	2.00	221.00	442.00	200.00	400.00	168.00	336.00

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				RATE	AMT	RATE	AMT	RATE	AMT
6.00	Supplying and fixing of following ways surface/ recess mounting, horizontal type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A, tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required. a) 8 way (4 + 24), Double door	Each	1.00	6858.00	6858.00	5658.00	5658.00	5800.00	5800.00
7.00	Supplying and fixing following rating, four pole, (three phase and neutral), 415 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required. a) 63 Amp	Each	1.00	2459.00	2459.00	2986.00	2986.00	3800.00	3800.00
8.00	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. (TPN)	Each	1.00	1103.00	1103.00	2000.00	2000.00	880.00	880.00
9.00	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. (Double Pole)	Each	3.00	562.00	1686.00	350.00	1050.00	580.00	1740.00
10.00	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. (Single Pole)	Each	12.00	177.00	2124.00	105.00	1260.00	108.00	1296.00

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				RATE	AMT	RATE	AMT	RATE	AMT
17.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	Each	9.00	355.00	3195.00	350.00	3150.00	188.00	1692.00
18.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 A & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	Each	6.00	438.00	2628.00	750.00	4500.00	588.00	3528.00
19.00	SITC of 22 watt, 4 ft, long linear decorative type ultra slim aluminium square/round profile LED light fixture with high lumen out put, environmental friendly, energy efficient & suitable to operate on 240 Volts, 50 Hz, single phase AC supply complete all as required & as specified. .	Each	5.00	1067.00	5335.00	650.00	3250.00	688.00	3440.00
20.00	SITC of 30 Watt, 6500 K, LED flood light fixture with IP 65 protection, high lumen out put, environmental friendly, energy efficient, suitable to operate on 240 Volts, 50 Hz, single phase AC supply complete all as required & as specified.	Each	6.00	3012.00	18072.00	3000.00	18000.00	9208.00	55248.00

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				RATE	AMT	RATE	AMT	RATE	AMT
21.00	SITC of wall mounted Hand Dryer fully automatic with twin blower, outer casing fabricated out of SS 304 stainless steel, with solid state time delay feature for operation on 230 Volt single phase supply, hand dry time less than 30 second, auto cut off time 60 sec, speed of 25000 RPM, touch free infra red operation all as required & as specified. (Euronics model no. EH 21 NW or equivalent)	Each	3.00	14628.00	43884.00	14000.00	42000.00	8288.00	24864.00
22.00	Providing and fixing of advance technology earth electrode earthing system fabricated from hot deep galvanized pipes (pipe in pipe technology) & cavity between pipes pressure filled with highly conductive non-corrosive crystalline material complete with chemically modified homogeneous earth enhancing compound (back fill compound 25 Kg) to treat the soil for lowering the effective ground impedance for each earth pit to make it maintenance free and to minimize the ground voltage potential rise i/c excavation of earth pit suitable to accommodate earth electrode, prefabricated FRP enclosure with cover plate all as reqd. & conforming to (IS:3043 : 1987) duly CPRI/ERDA approved all as required & as specified for Size :- Outer pipe dia = 80mm Inner pipe dia = 40mm Length of electrode = 2 Mtr	Each	1.00	9691.00	9691.00	7000.00	7000.00	8242.00	8242.00

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				RATE	AMT	RATE	AMT	RATE	AMT
23.00	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	Mtr	15.00	167.00	2505.00	150.00	2250.00	108.00	1620.00
24.00	Providing, laying and fixing of 80 mm dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc. as required.	Mtr	24.00	711.00	17064.00	783.00	18792.00	288.00	6912.00
	Total Rs.				356983.00		341916.00		316888.00
	Say Rs.				356983.00		341916.00		316888.00
							4.22% Below JC		11.23% Below JC
							L-2		L-1


 (C. D. SHARMA) 25/06/2020
 ASST. GEN MANAGER (E-E)
 AAI CA PORBANDAR

Signature Not Verified

Digitally signed by Chandrashekhar Devikisan Sharma
 Date: 2020.07.28 16:08:29 IST
 Location: eProcurement System for Central PSUs