
Addendum No. 1

This addendum modifies the original Contract Documents for the 2022 Traffic Control Signal Upgrades and any previously issued addenda.

The items in this addendum shall govern the work, taking precedence over previously issued specifications and drawings governing the items mentioned. Acknowledge receipt of this Addendum in the space provided and submit the signed Addendum with the bid. Bids submitted without this Addendum may be considered incomplete.

1. Clarifications and Supplementary Information (see page 2 for table)

- .1 General Requirements clarification

Receipt acknowledged and conditions agreed to this _____ day of _____, 2021.

Bidder's Name (Print) _____

Authorized Signature _____

P44 CABINET

DETAIL TECHNICAL SPECIFICATION

Ref: Tender document; item # 3.1, Article 01 29 00 - 1.6.3.11 (replace specification with this sheet)

P44 Cabinet must contain following equipment items in a unit package:

ITEM #	DESCRIPTION	QUANTITY
1.0	P44 Modular Plug N Go TS2 Type 1 Cabinet must include following items	
1.1	EXTERIOR GREY FINISH 55.5"X44"X27"	need base
1.2	INTERIOR WHITE FINISH	need base
1.3	CSA APPROVED (FUSED AND ENTELA CERTIFIED)	need base
1.4	NEMA 3R RATED	need base
1.5	CABINET RAILS, PRE-PUNCHED	need base
1.6	RAIN COVER DOOR N DOOR PANEL	1
1.7	FRAM FILTER WITH BRACKET AND SNOW PLATE	1
1.8	COLLASAPABLE COMPUTER SHELF DOOR MOUNT	1
1.9	RUBBER SEAL BELT FOR CABINET SEATING ON CONCRETE	need base
1.10	ADJUSTABLE THERMOSTAT	1
1.11	CEILING FAN FOR EXHAUST	1
1.12	DOOR SWITCH OPEN/CLOSED	1
1.13	150 WATT SILICON HEATERS (600WATTS)	4
1.14	INTERIOR LED LIGHTING 2 PANELS 80WATT CONNECT TO MAIN DOOR SWITCH	1
1.15	8 PHASE 12 POSISTION 16 CHANNEL MAIN PANEL	1
1.16	SETS OF ADVANCE WARNINGS FOR MAIN PANEL	2
1.17	BIU BUS INTERFACE UNITS	4
1.18	SPARE BREAKER 40 AMP	2
1.19	EXTRA BUS BAR 14 POS GROUND	1
1.20	EXTRA BUS BAR 14 POS NEUTRAL	1
1.21	POWER AUXILURY POWER - 6 SOCKET ACCOMODATING 12VDC 24VAC AND 110VAC	need base
1.22	POWER DISTRIBUTION ASSEMBLY WITH SUPERIOR SURGE PROTECTION	need base
1.23	EDI PW-200-E 2A POWER SUPPLY	need base
1.24	STAND ALONE SERVICE ENTRANCE CABINET WITH 60 AMP BREAKER (CEC CERTIFIED)	need base
1.25	15AMP AND 40AMP BREAKERS ON POWER DISTRIBUTION ASSEMBLY	need base
1.26	DOOR N DOOR MAINTENANCE PANEL SIGNALS ON/OFF, AUTO/FLASH, AUTO MANUAL	1
1.27	POLICE PANEL WITH STRAIGHT CORD MAUAL ADVANCE BUTTON	1
1.28	16 RENO FULL INDICATION LOAD SWITCHES	20
1.29	3 FLASHERS 2 CIRCUIT SOLID STATE	need base
1.30	FLASH TRANSFER RELAYS	6
1.31	16 CH MMU SMART MONITOR WITH LED DISPLAY AND ETHERNET PORT	1
1.32	HARD WIRE 2-2CH / 1-4CH PRE-EMPTION	as needed
1.33	POWER CABLE 10 PIN FOR TYPE 1 CONTROLLER	as needed
1.34	6 SHORTING BARS (USED TO TIE UNUSED PHASE HIGH)	as needed
1.35	SPARE RECEPTICLES IN ADDITION TO GFI RECEPTICLE	1
1.36	HARD WIRED POWER BAR WITH SIX (6) OUTLETS	1
1.37	SPARE LOAD RESISTORS 1.5K 50WATT	2
1.38	LOG BOOK INCLUDED WITH DOCUMENT LEATHER POUCH	1
2.0	CONTROLLER ATC/ATCC/NEMA COBALT 1000	
3.0	UPS SYSTEM	
3.1	DBL1400MXU WATT UPS UNIT	1
3.2	UPS BYPASS SWITCH	1
3.3	55AHMPHR BATTERIES	6
3.4	HEATED CABINET FLOOR SHELVES FOR BATTERIES	1
3.5	UPS CABLE INTERCONNECT WIRING HARNESS	1
3.6	ABM 36V SERIES AUTOMATIC BATTERY MANAGEMENT DEVICE-BUILT INTO UPS	as needed
3.7	BATTERY TERMINAL COVERS	as needed
3.8	RELAY CARD WITH TEN (10) OUTPUTS FOR UPS MONITORING	as needed
4.0	Windows based data management software	
4.1	PC COBALT VIRTUAL CONTROLLER SOFTWARE PACKAGE	1