



AMENDMENT NO.: 3 TO THE TENDER DOCUMENTS

Defence Construction (1951) Limited

CLOSING DATE/TIME: June 11, 2013
14:00 hours, (local time)

PROJECT NO.: HQ0167CO

AMENDMENT DATE: June 3, 2013

PROJECT TITLE: All Ranks Dining Facility #2, Vickers-North Kitchen
CFB Borden, Ontario

TO ALL PROPONENTS:

THE PURPOSE OF THIS AMENDMENT IS TO GIVE EFFECT TO THE FOLLOWING:

1. To **ISSUE** Addendum E-1 dated May 29, 2013 (5 pages)
2. To **ISSUE** Addendum M-1 dated May 16, 2013 (5 pages)
3. To **ISSUE** Addendum M-2 dated May 29, 2013 (12 pages)
4. Reference Specification Section 26 42 00 – Power Distribution System
 - .1 **DELETE** item 2.7.1 and **REPLACE** with:
 - .1 Provide factories assembled automatic power factor correction capacitors/harmonic filter equipment as herein specified and as shown on Electrical Drawings.
 - .2 **DELETE** item 2.7.3 and **REPLACE** with:
 - .3 The unit shall be constantly monitoring the system power factor and automatically switching (connect and disconnect) the capacitor cells to maintain the desired power factor settings of 0.90 to 0.95.
 - .3 **DELETE** item 2.7.16 and **REPLACE** with:
 - .16.1 Include in price to develop, within 1 year from substantial completion, a fully engineered detuned power factor correction package that will include the following:
 - .16.2 Monitor a 2 X 24 Hour period during the week consisting of 1 X 24 hour period per week over a 2 week period, cannot be same day of week.
 - .16.3 Monitor a 2 X 24 Hour period during the weekend consisting of 1 X 24 Hour period over a 2 week period, cannot be same day of weekend.
 - .16.4 Develop one set of complete readings in the summer season and another complete set during the winter season.
 - .16.5 This report shall include all power parameters (current, voltage, frequency) to a level of +/- ½ % using a multi-parameter system

analyzer

- .16.6 Harmonic distortions shall be indicated up to the order of the 25th harmonics.
 - .16.7 Develop the critical system resonate frequencies for the different values of capacitive reactance.
 - .16.8 Conduct system testing with and a second set of readings without the main power generator on-line.
 - .16.9 These readings and final report must be used to detail, specify and setup the final Power Factor Correction Equipment (PFCE).
5. Reference Specification Section 07 52 00 – Modified Bituminous Membrane Roofing
- .1 **DELETE** item 2.1.1.2.1 and **REPLACE** with:
 - .1 Securock Gypsum Fiber roof board by CGC
6. Reference Specification Section 10 14 10 – Building Panel Signage
- .1 Clarification – For bidding purposes the total number of exterior room panel signage as noted in 2.2.2 is equal to 6.
7. Reference Drawing B147-4902/1-327 – Interior Elevations - 3
- .1 Clarification - For bidding purposes the total quantity of stainless steel identification strip with etched letter A, B, C as shown in detail 6/326 Elev. Int. Typ. and in legend referencing 2.59 and 2.62 is equal to 24.
8. Reference Specification Section 28 31 00 – Fire Alarm System
- .1 **ADD** item 1.4.1.5
 - Acceptable Manufacturers
 - .5 Simplex Grinnell
9. Reference Drawing B147-4902/01-101 – Site Plan
- .1 **DELETE** reference to Flag Pole
10. Reference Specification Section 26 23 00 – Emergency Generators
- .1 **ADD** 1.8.6
 - Acceptable Manufacturers :
 - .6 MTU Onsite Energy

End of Amendment No. 3