



City of Woburn
PURCHASING DEPARTMENT
Orazio DeLuca, MCPPO Chief Procurement Officer
City Hall
10 Common Street
Woburn, MA 01801
Tel.: 781-897-5950 Fax: 781-897-5954

TO: POTENTIAL VENDORS

FROM: ORAZIO DELUCA – CHIEF PROCUREMENT OFFICER

DATE: 12/29/17

RE: ADDENDUM #2 TO IFB 18-06 NED O'BRIEN ICE RINK
PRE-BID QUESTIONS AND ANSWERS

THE CITY OF WOBURN, ACTING THROUGH THE PURCHASING DEPARTMENT IS ISSUING THIS ADDENDUM TO IFB-18-06 NED O'BRIEN ICE RINK AND ANSWER INQUIRIES ABOUT THE BID

1. The electrical filed sub-bid due date has been moved from Thursday January 4, 2018 to Monday January 8, 2018 at 11 am.
2. The form for sub-bid has no area to restrict our filed sub-bid to a specified general contractor. Please provide a bid form where we can provide this information, or advise us on how to provide this information.
Answer: Please list any restrictions on a separate sheet clearly labeled and note it on the bid form

NOTE: In addition to the items above, please see the attached response for all RFI's to date from the Electrical Engineer. (see following pages)

Verne G. Norman Associates, Inc.

Electrical Consultants, Engineers and Designers

210 Winter Street Suite 301 Weymouth, MA 02188-3323
Tel: 781-335-4200 E-mail: vgna@vgna.com
Fax: 781-335-5737

December 29, 2017

Mr. Terry MacLaughlin
MacLaughlin Management & Design
P. O. Box 45
Exeter, NH 03833-0045

Dear Terry:

The following is in reference to RFI #1 thru RFI #3 and the result of a site visit by our office Wednesday December 27, 2017.

Item-1 RFI #1 Item-5

The electrical contractor shall wire electric unit heater in refrigeration room with 3#12, 1#12 (G). ¾" conduit to a new 20 ampere-3 pole circuit breaker in the existing motor control center.

Item-2 RFI #1 Item-6

The electric unit heater above the snow melt pit shall remain in it's current location

Item-3 RFI #3 Item-5 existing phones shall remain in their current location.

The electrical contractor shall modify the existing motor control center to accommodate a new 400 Ampere-3 pole circuit breaker. The electrical contractor shall remove existing circuit breakers and starters currently serving the existing refrigeration compressors (total 2). The electrical contractor shall furnish and install a new

400 Ampere-3 pole circuit breaker to serve the new refrigeration equipment.

Item-4 RFI #3 Item-6 Delete reference to type "A1" lighting fixture in the refrigeration room. In Addition the lighting plan shall be modify as follows:

Two rows of two(2) existing 8'-0" fixtures in refrigeration room, three(3) rows of one(1) 8'-0" lighting fixtures below refrigeration room and two(2) rows of existing lighting fixtures. The electrical contractor shall provide new ends.

Item-5 Delete the new enclosed circuit breaker and existing panel indicated below "FE" symbol. In addition on the power riser diagram delete reference to the existing panel, enclosed circuit breaker and feeds to new panel "LA".

Item-6 The electrical contractor shall disconnect and remove disconnect switch and branch circuit wiring from exhaust fan "EF-1" and install new disconnect switch and branch circuit wiring to exhaust fan "EF-1".

Item-7 Delete fire alarm manual pull station and audio/visual device at the garage door as well as the audio/visual device at the space entry door. The electrical contractor shall wire the new audio visual device in the refrigeration room to the existing horn/strobe ("HS") in the refrigeration space.

Item-8 The electrical contractor shall furnish and install a 15kva 490/208/120volt transformer to serve new panel "LA". The feeder to transformer shall be 3#10,1#10(G), ¾'conduit from a new 20 ampere 3 pole circuit breaker in the existing motor control center. The feeder from transformer to panel "LA" shall be 4#6,1#10(G), 1" conduit.

Item #9 Panel "LA" shall be furnished with a 60 ampere- 3 pole main circuit breaker.

Item-10 The electrical contractor shall furnish and install two (2) 20 ampere-3 pole circuit breakers in the existing motor control center for the new electric unit heater and new panel "LA" transformer. The electrical contractor shall modify the existing motor control center to accommodate the new circuit breakers. The existing motor control center was manufactured by Cutler Hammer and is a system "2100" motor control center.

Item-11 The refrigeration equipment shall be skid mounted and is a single point connection.

Very truly yours,

Frederick P. Goff

Frederick P. Goff, P. E.

FG/nh

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