



Procurement Hub – Ottawa Office,
Station 9S016, 9th Floor,
200 Kent Street,
Ottawa, Ontario K1A 0E6

September 8, 2016

ADDENDUM NO. 3

Subject: **ITT Invitation to Tender No. FP802-160186**
Satellite Office & Warehouse, Waterline Upgrade, St. Lewis, NL

Dear Sir/Madam:

Further to the above-mentioned Request for Proposal, this Addendum (#3) is to advise potential bidders of the question(s) received during this tender call to date. The question(s) and the response(s) are indicated in the attached **Annex A**.

All other terms and conditions remain unchanged.

Tenderers are to acknowledge this Addendum by signing in the space provided below and enclosing a copy of this document with their tender submission.

Yours truly,

Michel Larivière
Senior Contracting Officer,
Financial & Materials Management Operations

RECEIPT ACKNOWLEDGED

Name of Company: _____

Signature: _____



Annex A

Bidders wishing to submit their bid by the closing date and at the closing location indicated in the Invitation To Tender Notice of solicitation number FP802-160186 or if so applicable, indicated in previous addendum(s) must also consider the following questions and answers in their bid.

Question and answer from 1 to 9

Question #1

The drawing M1 calls for 150mm (6") uninsulated HDPE; the drawing M2 breakout drawing entitled "1 over M2" appears to call for 100mm(4") pre-insulated municipal waterline; while the spec in Section 33.11.16.01 appears to call for ductile iron.

Please confirm, for the watermain extension which:

- A) piping material is required;*
- B) size (OD) of the pipe*
- C) operating pressure of the watermain.*
- D) Is the watermain to be insulated? If so is the spec available?*

Answer #1: Contractor to supply and install a curb stop for the DFO building adjacent to the building and near the roadway. The exact location to be coordinated onsite.

Question #2

The new residential service is listed as 35mm on drawing M1; but on drawing M2 under breakout drawing detail "3 over M2" appears to be 25mm. Please confirm which size is correct?

Answer #2: Bidders are to note that no blasting may occur within 50m of the DFO building. Within 50m of the building and extra 2" of underground rated pipe insulation is to be added in the field to the piping to protect it from freezing at potential reduced burial depth in the event rock is found close to the surface.

Question #3

Are the residential services (on "3 over M2) to be insulated? If so, what is the spec on the insulation, jacket, and if required heat tracing channel (number of channels & size)?

Answer #3: Bidders are to note that for the installation of the water supply pipe from the main waterline to the curb stop that is to serve the residential house, the curbstop should be located between 10 and 20 feet from the road. The pipe branch that serves this house should be 25mm diameter and not 35mm as indicated on the drawings.



Question #4

Do you require detectable marking tape for the HDPE main waterline and service lines?

Answer #4: Water supply pipe shall be 150 mm HDPE Grade DR11, electro Fuse welded. Pre-insulated with 2" thick polyurethane foam complete with 3 mm outer polyethylene jacket. Field joints to be insulated with half shells and heat shrink sleeves. All curb stops to have insulation kits around them. Delete reference to ductile iron.

Question #5

What is the depth of bury of the hydrant?

Answer #5: Hydrant shall be 150 mm barrel at 3m deep.

Question #6

What is the depth of bury of the service lines (re boxes for curb stops)?

Answer #6: Install detectable marking tape for the HDPE main waterline and service lines.

Question #7

For the 2" insulated line for the DFO building, what is the size and quantity of heat trace channels?

Answer #7: Curb stops shall be 3m deep.

Question #8

There appears to be a 25 mm service line off the two inch line across the street from the DFO building – is this for a 25mm service (curbstop/box/rod) actually required or should this be a 50mm service (curbstop/box&rod) to shut off the water to the DFO building itself?

Answer #8: DFO building shall have one 50 mm curb stop.

Question #9

Are electrics for the insulated pipes required: i.e. temperature sensors, wiring, thermostats, control boxes, etc. required for this part of the project? If so do you have the spec on those materials? If you do not have the detailed spec on the insulation, heat tracing etc; perhaps you can specify the depth of bury for the various lines to be heat traced and the coldest you expect it to get in the area.

Answer #9: Heat trace to be included on the new water line from the main to DFO Building only. The preinsulated piping system is to have a conduit embedded with a heat trace cable. Contractor to provide 30 Amp, 240 Volt GFCI circuit breaker, wiring and conduit from nearest available 120/240 Volt panelboard to the controller. Controller to be equal to Urecon Model UTC-2230. Contractor to supply and install all wiring, conduit, circuit breakers, programming, controllers, sensors, etc. as required to make a complete functional system.