

St. Anthony Airport Fire Pump Replacement – St. Anthony, NL

EC373-222510/A

AMENDMENT # 5

THE FOLLOWING AMENDMENT TO THE TENDER DOCUMENTS IS EFFECTIVE IMMEDIATELY.
THE AMENDMENT SHALL FORM A PART OF THE CONTRACT DOCUMENTS.

ADDENDUM NO. 3

Photos of the site have been added and are attached with this addendum.

Questions & Answers:

Question # 1: The controller is 9 years old. This is not going to work with a new engine, they will need to replace the controller as well. It's never generally a good idea to put a new engine with an old controller anyway. But they have no choice as the existing controller does not have the required terminals to pick up all the engine alarms.

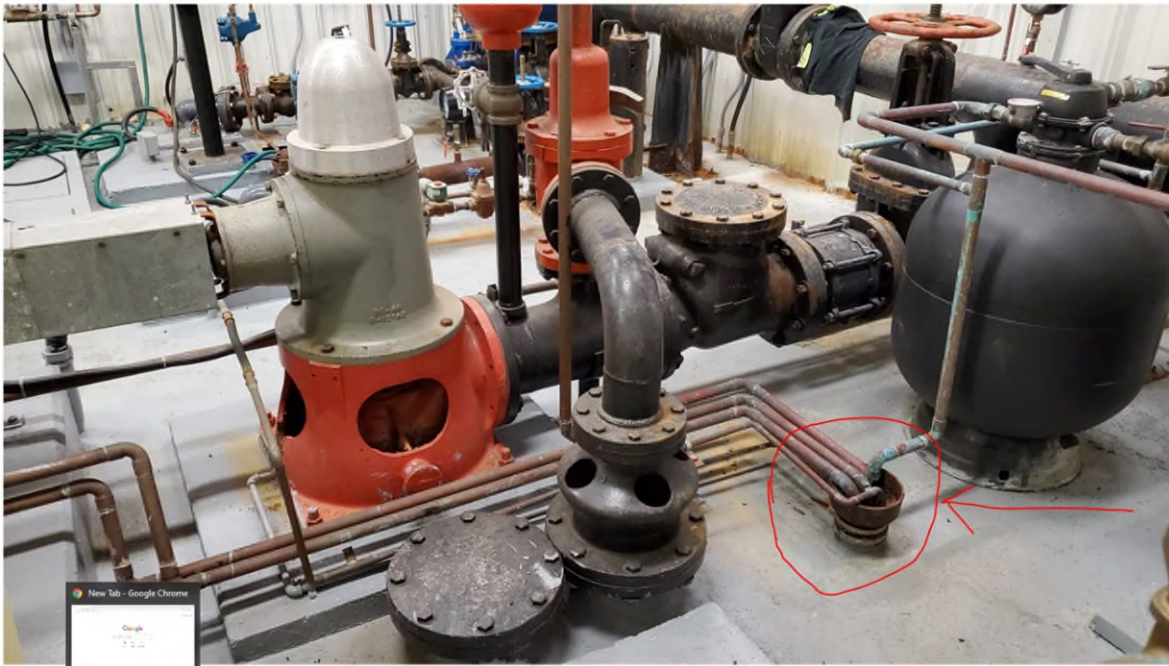
Answer # 1: Controller to be reused – no change to the tender documents.

Question # 2: It looks like this is on a potable water application, this means the pump needs to be NSF61 certified as a minimum, also it will need coating in FDA approved paint, we can quote this but there is no mention of this requirement in the spec.

Answer # 2: Pump to be NSF61 certified.

Question # 3: If this is a true potable water application then they should not be using a heat exchanger cooled engine. The cooling needs to be closed loop (Radiator) to avoid any possible contamination with the water supply. Or they take the water that comes out of the heat exchanger (cooling loop) and send that to waste rather than back to the well which is how it's usually handled.

Answer # 3: The cooling water from the heat exchanger shall be drained to the nearest sanitary hub drain. See picture below for location. The exact route to be at the discretion of the contractor based on existing pipes.



Question # 4: Appendix B was included within the tender documents, this document contained temporary chain link fencing details, nowhere on the Issue for tender drawings does it show temporary fencing, can you please clarify where this temporary fencing is to be installed?

Answer #4: In accordance with section 01 35 13.13, 1.1.4, the contractor is to install and maintain the temporary fencing (shown in Appendix B) supplied by Transport Canada for the duration of the project. The contractor is responsible to prepare and submit site plan with area to be fenced and used as construction area for approval, refer to section 01 52 00, 1.3.1. The intent would be to completely separate airside from groundside for the duration of construction and avoid the requirement of fulltime site security/commissionaires, paid for by the contractor. Refer to **attached** possible layout for reference only.

Question # 5: Is there any information available on the Existing Panel EDP1 in the existing Maintenance Building, as shown on Detail 2/E1? I have been told it is a Square D, but no one has been able to provide any specific information.

If possible, please provide a picture of:

Complete panel with door open

Readable Picture of Main Label showing Series or Catalog Number

Readable Picture of Label on one of the branch circuit breaker if any are showing.

Depending on the age of the panel, circuit breakers may no longer be available, which would mean the whole panel will be replaced, so a list of breakers in the panel should also be provided in case it will need to be replaced.

Answer # 5: See photos attached.

Question # 6: Addendum 1, Question 9, Please identify the sump depth as the drawing referenced is not to scale and has no dimensions on it. The length of the shaft cannot be obtained from a drawing that has no scale or dimensions.

Answer # 6: Was answered in addendum 2 (2.4m for the intake, 4.163m for the bottom of the sump, intake can be lower but no higher in order to maintain pressure balance with new storage)

Question # 7: As per Section 21 13 13-2.2, can 6" & 8" thick-wall black pipe that is painted be used in lieu of the stainless steel 304, pipe & fittings.

Answer # 7: No, this is a potable system.

Question # 8: Can Victaulic Fittings, couplings & valves be added as an alternative product?

Answer # 8: Yes, provided they are specified for use in a potable water system.

Question # 9: Is there a roof hatch than will allow for hoisting the old and new turbine shaft into place?

Answer # 9: No

Question # 10: Who is responsible for the electrical connections to the sprinkler equipment?

Answer # 10: This work is outlined with the tender package and assumed to be included within the bid. The general contractor may sub out work as necessary.

Question # 11: Who is responsible for the fuel polishing system as per M4-detail 3?

Answer # 11: This work is outlined with the tender package and assumed to be included within the bid. The general contractor may sub out work as necessary.

Question # 12: Who is responsible for providing the LS-3& LS-4 float switches?

Answer # 12: This work is outlined with the tender package and assumed to be included within the bid. The general contractor may sub out work as necessary.

BY SUBMISSION OF ITS TENDER, THE TENDERER CONFIRMS THAT IS HAS READ AND UNDERSTANDS THE REQUIREMENTS EXPRESSED IN ALL ADDENDA AND HAS INCLUDED ALL COSTS OF THESE REQUIREMENTS IN THE TOTAL TENDER AMOUNT.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.
