

**Alaska Department of
Environmental Conservation
Division of Spill Prevention and Response**

REQUEST FOR QUOTES (RFQ) 180000031

**3003 – 2nd Street, Douglas
Home Heating Oil Tank (HHOT) Investigation**

Date of Issue: November 2, 2017

Amendment 1 to RFQ 180000031 – 1003 – 2nd Street, Douglas – Home Heating Oil Tank Investigation serves to answer questions.

This amendment includes responses to inquiries received from proposers. The inquiries and responses begin on page 2 and end on page 3 of this Amendment. This Amendment is hereby made part of the RFQ and is a total of 3 pages.

Issued by:

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Item 1: Below are inquiries from proposers received by DEC. Following each inquiry is the DEC response.

Question 1: Where was the vapor barrier installed and do we need to include provisions for repairs after sampling?

Answer 1: The vapor barrier is installed on the floor of the crawlspace and can be pulled back for sampling. No repairs will be necessary.

Question 2: Since we don't know the configuration of the crawl space, can you please specify if confined space entry procedures be required to work in that area?

Answer 2: Confined space entry procedures are not required – the crawlspace is not sealed and has adequate ventilation.

Question 3: Will analysis of the soil samples for low level VOCs be required?

Answer 3: VOC analysis is required using ADEC-approved methods: EPA8021B or EPA8260D

Question 4: Should the air samples be collected using an active method which is typically required for the TO-17 analysis?

Answer 4: The samples may be collected actively or passively. According to Method TO-17 Volatile Organic Compounds, "TO-17 tubes can also be sampled passively using special adapters."

Question 5: The RFP stipulates that 8 soil borings be advanced to 15 feet below grade and then goes on to say that some of the recommended boring locations include inside the crawl space. For the proposal, can we assume that the 8 soil borings to 15 feet will be advanced exterior to the building, in addition to 2 samples to be collected from within the crawlspace?

Answer 5: Please refer to the RFP with the assumption that boreholes in the crawlspace will be advanced by hand and will be less than 15 feet deep: Advance 8 soil borings in the following areas of concern: the base of the aboveground storage tank where a pinhole leak in the fuel line caused a release, inside and outside the building foundation where the fuel line enters the building, inside the crawlspace next to the sump pump, and outside the building towards the storm drain at the corner of the property where D Street crosses Second Street. Exterior boreholes will be advanced using a drill rig and interior (crawlspace) boreholes will be advanced with hand tools.

Question 6: Will any soil borings be advanced through pavement?

Answer 6: No.

Question 7: According to Google Maps, the building at 1003 2nd Avenue is the corner house located to the southeast of the building identified in the RFP. If this is the case, there appears to be a picket fence there. If this is the correct building, will we be responsible for removing and replacing the fence to gain access for drilling? Furthermore, can we assume clear access to the drilling locations in any case (with or without removing the fence)?

Answer 7: The contractor shall be responsible for choosing drilling locations and moving and/or replacing site features such as fences. The contractor is encouraged to work with the homeowner on these issues.

Question 8: In a previous request for proposal (RFP), the ADEC stipulated that the following parameters be analyzed for the air samples: benzene, butylbenzene, sec-butylbenzene, tert-butylbenzene, cyclohexane, ethylbenzene, hexane, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, oxylene, m,p-xylene, toluene, propylbenzene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, pyrene, and benzo(a)anthracene. According to multiple laboratories, it is not possible to analyze all of these substances via just the TO-17 analysis (which is stipulated in this RFP). Does the ADEC want all of the analytes listed above included in the analytical regiment, which would result in more expensive multiple analytical methods, or would just the TO-17 analytes be acceptable?

Answer 8: All of the TO-17 analytes specified in the method are acceptable.

Question 9: A minimum of 2 field blanks per sampling event is required by each EPA Method. Do you want us to include the required number of field blanks for each method (depending upon your answer to Question 8 above, there could be multiple methods required)?

Answer 9: Please follow the EPA TO-17 methodology.