

**LDEQ ANSWERS TO PROPOSER QUESTIONS**  
**RFP NO. 5701-07-02**  
**“Leaking Underground Storage Tank (LUST) Post-Hurricane Assessments”**

LDEQ’s answers to the following questions are intended to provide information to potential proposers and will not amend RFP No. 5701-07-02.

**Question 1: Statement of Work Page 3 of 20** (B) (1) (c) Please define the actual analysis the LDEQ wants to perform on the unknown PSH.

**LDEQ’s answer:** Method 8015B should be used to identify the unknown phase separated hydrocarbons as Total Petroleum Gasoline Range Organics, Diesel Range Organics, or Oil Range Organics.

Also, does the LDEQ want to sample the PSH prior to purging 3 wells volumes as required when sampling a well? If so, please describe what should be done with the purge water (drum & leave on site; have a TCLP analysis performed for proper transportation and disposal).

**LDEQ’s answer:** Release detection devices (RDDs) and observation wells in the tank hold are not considered true groundwater monitoring wells and therefore should not be purged prior to sampling the unknown PSH.

d) Can this line item be separated as a single line item? Free product removal methods can vary. Also, is there a limit to the volume of free product to be removed? To include costs associated with product removal in this line item without a volume limit (Ex. 1,000 gallons) will drive the cost up significantly.

**LDEQ’s answer:** Fluid (including free product, mud, sludge, and water) removal and disposal should be a separate line item and should be priced per gallon. There is no volume limitation as this will vary per site.

d) The line items reads to remove the PSH, then submit a recovery plan for LDEQ approval. Shouldn’t a plan be approved prior to performing the removal work?

**LDEQ’s answer:** A recovery plan should be submitted for approval prior to performing the removal.

**Question 2: Statement of Work Page 4 of 20**

Facility Record Review (C) (2) (b) (c) (d) (e) How should these tasks be completed if a site contact is unavailable and/or the site is abandoned.

**LDEQ’s answer:** In the event that facility/UST records are not available, the Contractor must document this in the field inspection report (FIF).

(D) (1) (b) (2) The Scope of Work states to remove water/debris/mud from the UST; can this be assigned a separate line item? Scenario: what if a UST is full of water (10,000 gallons), or if multiple USTs contain water/debris/mud. The volume of water/debris/mud could range significantly. The LDEQ could receive better pricing if separated from this line item.

**LDEQ's answer:** Fluid (including free product, mud, sludge, and water) removal and disposal should be a separate line item and should be priced per gallon. There is no volume limitation as this will vary per site.

(D) (3) This Scope of Work is very subjective. If the contractor is unable to obtain the manufacturer's standards from the owner, how will this assessment be accomplished? Deformity/damage to the UST will be hard to access unless they have floated to the surface or surface damage can be visualized. Can the LDEQ explain how they want to perform this assessment?

**LDEQ's answer:** The intent of the General Site Assessment and General System Assessment is to determine site conditions based upon visual inspection, and to determine if further assessment or investigation activities should be performed. If manufacturer standards are unavailable, the Contractor should indicate this in the assessment report, along with results of the visual inspection of the UST. No repairs will be made to USTs. Inspection results indicating obvious deformity or damage to the UST system will direct future activities at the facility, and are not intended to dictate UST repairs.

(D) (6) (b) Can the LDEQ place a volume limit on the drained/flushed fluids from the interstitial space?

**LDEQ's answer:** No.

Line Item 7 of Pricing Schedule (Tank Removal) is included in the scope of work defined as Additional Assessment (Section F), which is Line Item 8; Where should the cost for tank removal be included? And is the price requested for one (1) tank or multiple tanks?

**LDEQ's answer:** Cost for tank removal should be listed in Line Item 7, Tank Removal. Tank removal should be based upon the average number of tanks per site equal to 2.7, and an average tank size equal to 10,000 gallons. The lump sum costs associated with tank removal are per site, not total tank removal charges for all facilities to be assessed under this contract.

(F) (1) Will costs associated with the Scope of Work and Line Item 8 be limited to one (1) UST removal? If not, can the LDEQ provide guidance on how many USTs should be priced for removal?

**LDEQ's answer:** Costs associated with tank removal should be listed as Line Item 7, Tank Removal.

The number of USTs for removal will be determined during the assessment activities to be performed under the terms of this contract, and cannot be pre-determined.

Tank removal should be based upon the average number of tanks per site equal to 2.7, and an average tank size equal to 10,000 gallons. The lump sum costs associated with tank removal are per site, not total tank removal charges for all facilities to be assessed under this contract.

(F) (2) (a) If additional borings are directed by LDEQ, will the LDEQ approve additional funding for that work?

**LDEQ's answer:** The costs of further site investigation should be included in Attachment 4, Schedule of Prices, Line Item 9, Further Site Assessment and Line Item 10, Slug Testing, on the Schedule of Prices. Further site investigation activities will be performed at the direction of the Department. The Contractor shall conduct further site investigation as described in F(3). Further site investigations will include a maximum of 3 soil borings. LDEQ will not approve additional funding for additional borings outside the terms of this SOW.

(F) (2) (b) (d) (e) Does the LDEQ know if any of these sites have diesel fuel or oil USTs? Analytical laboratory costs will significantly increase if diesel fuel or oil is a constituent of concern (COC). If not known, should the analysis parameters on Table D-1 also include diesel and oil COCs?

**LDEQ's answer:** Soil and groundwater samples should be analyzed in accordance with RECAP Appendix D, Table D-1, which includes diesel and oil COCs.

(F) (2) Which Line Item should the costs of the remedial site investigation be placed?

**LDEQ's answer:** The costs of the remedial site investigation should be included in Attachment 4, Schedule of Prices, Line Item 8, Additional Assessment.

(F) (3) Does Line Item 9 (Further Site Assessment) include the Scope of Work provided under this Section (F) (3)?

**LDEQ's answer:** Yes

(F) (3) (b) (d) (e) Can the LDEQ provide specific analysis for contractors to bid? Laboratory analysis will vary significantly depending on which analysis is needed. Has the LDEQ considered requesting a fee schedule for laboratory analysis? A fee schedule could remedy this problem.

**LDEQ's answer:** No. The cost of laboratory analysis should be included in Attachment 4, Schedule of Prices, Line Items 8 and 9, Additional and Further Site Assessment.

**Question 3: Page 19 of 20 7.6 Further System Assessment** The description for measure of payment includes Statement of Work Section 3.2 (E), which includes site-specific UST removal. What should be included in Line Item 7: Tank Removal? It appears that tank removal costs are included in 2 Line Items.

**LDEQ's Answer:** The cost of tank removal should be included in Attachment 4, Schedule of Prices, Line Item 7, Tank Removal.

In general, we have uncertainties on quantifying many of the assessment Statement of Work sub-items (Attachment 2, Section 3.2 Assessments). For example:

- (B) General Site Assessment  
Item (1) (c) Number of analytical samples

**LDEQ's Answer:** If a non-aqueous phase liquid of unknown composition is encountered, the layer thickness shall be measured and then one sample shall be analyzed to assist in the identification of the release source. Only one sample shall be collected from each facility where PSH is encountered.

Item (1) (d) Quantity of free product to remove

**LDEQ's Answer:** Free product removal should be conducted in accordance with LAC33:XI.715.E. Free product must be removed to the maximum extent practicable unless otherwise directed by the LDEQ. A recovery plan must be approved by the LDEQ prior to initiating free product removal.

- (C) General Underground Storage Tank System Assessment and CEI  
Number of tanks at each site

**LDEQ Answer:** Facility information will be provided after the award of this contract.

- (D) General System Assessment/Inspection  
Item (1) (b) Quantity of water to remove from tank

**LDEQ Answer:** This information will be determined on a site by site basis and cannot be provided prior to initiation of assessment activities.

Item (2) Quantity of liquids, mud/dirt; size and number of tanks to be recycled or disposed/removed

**LDEQ Answer:** This information will be determined on a site by site basis and cannot be provided prior to initiation of assessment activities.

- (E) Further System Assessment  
Quantity and type of tank repairs, quantity of precision tank and line tightness tests

**LDEQ's Answer:** No tank repairs will be conducted under the terms of this contract. The quantity of precision tank and line tightness tests will be determined on a site by site basis and cannot be provided prior to initiation of assessment activities. For the purposes of this contract, an estimated 60 sites will have tank and line tightness testing conducted per Attachment 4, Schedule of Prices, Line Item 6, Further System Assessment.

Is work statement “(F) (3) Conduct further site investigation as directed by LDEQ following receipt of the initial site investigation report.” on Page 11 of 20 in Attachment 2, the same as Line Item No. 9 “Further Site Assessment” on The Schedule of Prices (Attachment 4)? If not, where is the scope for Line Item 9 defined?

**LDEQ's Answer:** Yes, Schedule of Prices, Line Item 9 shall include all costs for Statement of Work, (F) (3).

**Question 5:** Per Attachment 4, Schedule Of Prices Line No. Item 7 (Tank Removal), we need to supply a unit cost for tank removal at 50 sites.

- a) How many tanks per site do we figure?
- b) What size tanks?
- c) Do we backfill or replace the tanks?
- d) Do we resurface the area after tank and/or piping removal?
- e) Does the underground piping be removed and to what extent?

**LDEQ's Answer:**

- a) Average number of tanks per site is equal to 2.7.
- b) Average tank size is 10,000 gallons.
- c) Tanks will not be replaced.
- d) The area should be restored to original conditions.
- e) No underground piping will be removed under the terms of this contract. Contents of underground piping should be blown out and recovered. Pipes should be capped at both ends.