

**LDEQ ANSWERS TO PROPOSERS QUESTIONS**  
**RFP No. 5212-08-02**  
**“Conduct Performance Audits of Ambient Monitoring Sites”**

LDEQ’s answers to the following questions are intended to provide information to potential proposers questions to RFP No. 5212-08-02.

**Question 1:** As per Task Item No. 2.2.1, Subtask 1 of Attachment 4, Schedule of Prices - One audit of each monitor type PM10, TSP, H2S, and CO per quarter is to be performed. However, in Table A (Quarter 4, 2007), there are 2 PM10 sites and 3 H2S sites listed. Are we to follow the Schedule of Prices and choose as per our discretion as to which sites to audit or are we to audit all the parameters at all the sites listed in Table A (Quarter 4, 2007)?

**LDEQ’s answer:** This has been corrected in Table A. Quarter 4, 2007, per the attached addendum to Attachment 2, Statement of Work.

**Question 2:** As per Task Item No. 2.2.1, Subtask 1 of Attachment 4, Schedule of Prices - One audit of each monitor type PM10, TSP, H2S, and CO per quarter is to be performed. However, there is only 1 TSP site listed in Table B (Quarters 1, 2, and 3, 2008). Are we to audit this one TSP monitor all three quarters of 2008 as per Subtask 1?

**LDEQ’s answer:** This has been corrected in Table A. Quarter 4, 2007, per the attached addendum to Attachment 2, Statement of Work.

**Question 3:** As per Task Item No. 2.2.2, Subtask 2 of Attachment 4, Schedule of Prices - Three audits of each monitor type NOx, SO2, and PM2.5 TEOM per quarter are to be performed. However, in Table A (Quarter 4, 2007), there are only 2 SO2 sites listed. How should this be accounted for in Attachment 4, Schedule of Prices? Also, there are 5 PM2.5 TEOM sites listed in Table A (Quarter 4, 2007). Are we to follow the Schedule of Prices and choose as per our discretion as to which 3 sites to audit or are we to audit all 5 sites listed in Table A (Quarter 4, 2007) which have PM2.5 TEOM monitors?

**LDEQ’s answer:** This has been corrected in Table A. Quarter 4, 2007, per the attached addendum to Attachment 2, Statement of Work.

**Question 4:** As per Task Item No. 2.2.4, Subtask 4 of Attachment 4, Schedule of Prices - Each of the twenty PM2.5 FRM monitors are to be audited during the 4th quarter 2007. However, there are only 19 monitors listed in Table A (Quarter 4, 2007). In Table A, the Capitol Site only lists 1 PM2.5 FRM while there are 2 listed in Table B. Is there a typo in Table A or are we to only audit 1 of the monitors at the Capitol site? If only 19 monitors are to be audited, how should this accounted for in the Schedule of Prices?

**LDEQ's answer:** This has been corrected in Table A. Quarter 4, 2007, per the attached addendum to Attachment 2, Statement of Work.

**Question 5:** As per Table B, the Bayou Plaquemine Site lists an NO<sub>y</sub>2 monitor. However, an NO<sub>y</sub>2 monitor is not listed in Attachment 4, Schedule of Prices. Is this to be included as part of the NO<sub>x</sub> requirements as per Attachment 4, Schedule of Prices?

**LDEQ's answer:** The NO<sub>y</sub> monitor is to be treated as a NO<sub>x</sub> monitor. The only difference is the concentration level.

**Question 6:** Due to the variety of equipment used by LDEQ, can a list of the manufacturers and model numbers of the monitors at each of the sites be provided?

**LDEQ's answer:** DEQ often moves equipment around and cannot give an exact listing of equipment. Some common equipment models used are:

NO<sub>x</sub> Thermo Environmental Corporation Model 42,42C, and 42I  
NO<sub>y</sub> Thermo Environmental Corporation Model 42I-Low trace  
SO<sub>2</sub> Thermo Environmental Corporation Model 43I, Teledyne 100 and 100A  
O<sub>3</sub> Teledyne 400, 400A, and 400E  
CO Thermo Environmental Corporation Model 48I-Low trace  
H<sub>2</sub>S Thermo Environmental Corporation Model 450, 43I with converter, and Teledyne 101 and 101A  
PM<sub>2.5</sub> FRM R&P Model 2025  
PM<sub>2.5</sub> Continuous R&P TEOM 1400AB  
PM<sub>10</sub> Thermo Environmental Corporation/Andersen Model GMWPM10VOL(1200)  
TSP Thermo Environmental Corporation/Andersen Model GMWTSPVOL

**Question 7:** Exhibit 1 provides the forms currently used by LDEQ while completing the performance audits. Will these forms be made available electronically in an Excel format or are we to provide our own forms? If we are to provide our own forms, will there be any requirements to have the forms approved by LDEQ prior to performing the audits?

**LDEQ's answer:** The forms currently used by LDEQ are available in the EXCEL format. Any forms developed by the contractor need to be approved by LDEQ for content.

**Question 8:** We are unable to locate the monitoring sites listed in the table below. Please provide any available additional information or clarifications to help locate these sites:

Site Name	Address/Location	Parameters
Hammond	21549 Old Covington Highway, Tangipahoa Parish <a href="#">Comment: # 549 found in MapQuest, but not "21549". Is the street address correct?</a>	PM <sub>2.5</sub> (2 FRMs)
New Roads	Highway 415, Point Coupee Parish <a href="#">Comment: Unable to find this location.</a>	O <sub>3</sub>
Dixie	Haygood Road, Caddo Parish. <a href="#">Comment: Is this site located in Shreveport?</a>	O <sub>3</sub>
Monroe	5296 Southwest Road, Ouachita Parish <a href="#">Comment: Unable to find this location.</a>	SO <sub>2</sub> , PM <sub>2.5</sub> (FRM)
Carlyss	Highway 28 & Highway 108, Calcasieu Parish. <a href="#">Comment: Couldn't find Highway 28</a>	O <sub>3</sub>
Houma	Terrebonne Parish <a href="#">Comment: No street address?</a>	PM <sub>2.5</sub> (FRM)
French Settlement	Hwy. 16, 16627 Perrilloux Ln., Livingston Parish <a href="#">Comment: Unable to find this location.</a>	O <sub>3</sub> , NO <sub>x</sub> , PM <sub>2.5</sub> (TEOM)
Garyville	E. Azaela St., St. John the Baptist Parish <a href="#">Comment: Unable to find this location.</a>	O <sub>3</sub>
Grosse Tete	19145 Sydney Rd., Iberville Parish <a href="#">Comment: Unable to find this location.</a>	NO <sub>x</sub> , O <sub>3</sub>
Northshore	St. Tammany Parish <a href="#">Comment: Unable to find this location. Is this site at the Northshore High School?</a>	O <sub>3</sub> , PM <sub>2.5</sub> (TEOM)

**LDEQ's answer:** Ambient air monitoring sites do not always have exact street addresses. A list of coordinates for the sites in question is below.

Site Name	Coordinates
Hammond	Lat = 30.5031    Long = -90.37694
New Roads	Lat = 30.68175    Long = -91.3662
Dixie	Lat = 32.6831    Long = -93.8614
Monroe	Lat = 32.5098    Long = -92.0461
Carlyss	Lat = 30.13986    Long = -93.3684
Houma	Lat = 29.67897    Long = -90.7798
French Settlement	Lat = 30.3152    Long = -90.8112
Garyville	Lat = 30.05731    Long = -90.6191
Grosse Tete	Lat = 30.3995    Long = -91.4184
Northshore	This is a new site. It will be located on Hwy 22, 7 miles west of Madisonville.

**Question 9:** Section 2.2 in Attachment 2 to the RFP states that “DEQ reserves the right to review and/or crosscheck the auditor’s calibrator flows (both gases and dilutions) and the certifications of the flows, gas cylinders, ozone calibrators, and NIST traceability.”

- **Question A:** Assuming the contractor submits detailed documentation supporting NIST traceability of audit standards and calibration data for all audit flow meters, ozone calibration standards and other audit equipment to the DEQ, should the contractor plan on performing inter-comparisons and an evaluation of audit calibration standards at the LDEQ QA Laboratory?

**LDEQ’s answer:** DEQ would only require an evaluation at the LDEQ laboratory if any documentation was questionable.

- **Question B:** If so, can the DEQ state the frequency at which such inter-comparisons would be expected to be performed over the course of the contract period?

**LDEQ’s answer:** This would be done at a maximum of once per quarter.

**Question 10:** Please provide the sampling frequency for the PM<sub>2.5</sub> (FRM), PM<sub>10</sub> and TSP samplers subject to audits.

**LDEQ’s answer:** The operating schedule for each sampler can be found on the LDEQ website at:

<http://www.deq.louisiana.gov/apps/pubNotice/pdf/LouisianaAnnualNetworkAssesment4-5-25-07.pdf>