

JANUARY 9, 2007  
ADDENDA NUMBER: 1  
BID NUMBER: RFB2007-095-TC  
TITLE: EXHAUST EMISSION TESTING

THE SECOND TO LAST PARAGRAPH ON PAGE 4 IS CORRECTED TO READ AS FOLLOWS:

THE BID RESPONSE MUST INCLUDE THE OTHER DIRECT COSTS AND ITEMIZED TECHNICAL COSTS FOR TECHNICAL LABOR FROM PAGES 8, 9, AND 10 IN ORDER FOR THE BID TO BE CONSIDERED RESPONSIVE.

LOAD BANK RENTAL WAS ADDED TO THE OTHER DIRECT COSTS ON PAGES 8, 9, AND 10.

EPA TEST METHOD 25D IS CHANGED TO 25A - DETERMINATION OF TOTAL GASEOUS ORGANIC CONCENTRATION, ON PAGE 6.

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**ACKNOWLEDGED AND RETURNED: WITH BID: \_\_\_\_\_ BY LETTER: : \_\_\_\_\_**

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**SIGNATURE**

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**PRINTED NAME**

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**TITLE**

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**COMPANY**

**RFB2007-087-TC**  
**Specifications**  
**Page 6**

**EPA Method 10** – Continuous instrumental analysis to measure CO concentrations using a Luft-type non-dispersive infrared analyzer (NDIR) or equivalent.

**EPA Method 19** – Stoichiometric determination of stack gas velocity and moisture content from fuel analysis.

**EPA Method 25A**--Determination of total gaseous organic concentration

Other test EPA Methods that may be required are specified in the Air Quality permit issued by the Albuquerque/Bernalillo County Air Pollution Control Division (A/BC APCD) for each engine. The relevant testing methods will be included with a request for exhaust emission testing.

**Calibration Procedures**

The procedures associated with all EPA methods will be strictly followed. Prior to the sampling program, instrumental analyzers will be conditioned, linearity will be proven, and sampling system bias (if any) will be determined. All calibration gas standards will be certified by the vendor and traceable to NIST (via EPA Protocol 1, where appropriate). A NO<sub>x</sub> converter efficiency test will be conducted on each date of sampling. Documentation of interference response testing will be included in the report of findings. Each test run will be bracketed by zero and span calibration to insure the validity of the data. Leak checks of the instrumental sampling system will be completed prior to the commencement of sampling and at the conclusion of sampling of each source. The moisture sampling system will be leak checked separately prior to and at the conclusion of each Method 4 test run. Documentation of calibration for the pitot tube, barometer, and dry gas meter, etc. will be provided in the report of findings.

Operational parameters will be provided for each engine (as available) to include:

- Engine horsepower
- Engine RPM
- Other data as available

**1. Scope of Work**

The awarded vendor will perform emission testing on generator engines. Emissions from these engines will be sampled using integrated instrumental analysis for gaseous concentrations. All fuel types that each engine uses will be tested.

**Line Item Description/ Cost Breakout  
 for Exhaust Emission Testing**

| <b>Technical Labor</b>            | <b>Man-Hours for Testing Superior</b> | <b>Price for Testing Superior Engine</b> |
|-----------------------------------|---------------------------------------|--|
| Test Protocol*                    |                                       |  |
| Preparation and Initiation*       |                                       |  |
| Setup and Tear Down*              |                                       |  |
| Field testing (2 fuel types)*     |                                       |  |
| Data Reduction and Reporting*     |                                       |  |
| <b>Subtotal (Technical Labor)</b> |                                       |  |
| <b>Other Direct Costs</b>         |                                       |  |
| <b>Total Price</b>                |                                       |  |

**Copy total price to the Superior Engine total price on Page 4 (Item #1)**

**\* Identify personnel to be used for these tests.**

| <b>Other Direct Costs (ODC) for Superior Engine</b>                  | <b>ODC Price</b> |
|--|------------------|
| Mobile Lab Use   |                  |
| Mobile Lab Expendables   |                  |
| Other Direct Costs   |                  |
| Printing, Postage, Telephone, Fax, Etc.                              |                  |
| Mobilization (if services origination is other than Albuquerque, NM) |                  |
| <b>Total Other Direct Costs</b>                                      |                  |

**Line Item Description/ Cost Breakout  
 for Exhaust Emission Testing**

| <b>Technical Labor</b>            | <b>Man-Hours for Testing Caterpillar</b> | <b>Price for Testing Caterpillar Engine</b> |
|-----------------------------------|--|---|
| Test Protocol*                    |  |   |
| Preparation and Initiation*       |  |   |
| Setup and Tear Down*              |  |   |
| Field testing (2 fuel types)*     |  |   |
| Data Reduction and Reporting*     |  |   |
| <b>Subtotal (Technical Labor)</b> |  |   |
| <b>Other Direct Costs</b>         |  |   |
| <b>Total Price</b>                |  |   |

**Copy total price to the Superior Engine total price on Page 4 (Item #2)**

**\* Identify personnel to be used for these tests.**

| <b>Other Direct Costs ODC) for Caterpillar Engine</b>                | <b>ODC Cost</b> |
|--|-----------------|
| Mobile Lab Use   |                 |
| Mobile Lab Expendables   |                 |
| Load Bank Rental (if required)                                       |                 |
| Printing, Postage, Telephone, Fax, Etc.                              |                 |
| Mobilization (if services origination is other than Albuquerque, NM) |                 |
| <b>Total Other Direct Costs</b>                                      |                 |

**Line Item Description/ Cost Breakout  
 for Exhaust Emission Testing**

| <b>Technical Labor</b>            | <b>Man Hours Testing<br/>Lift Station 20 Engine</b> | <b>Price for Testing<br/>Lift Station 20</b> |
|-----------------------------------|---|--|
| Test Protocol*                    |   |  |
| Preparation and Initiation*       |   |  |
| Setup and Tear Down*              |   |  |
| Field testing (2 fuel types)*     |   |  |
| Data Reduction and Reporting*     |   |  |
| <b>Subtotal (Technical Labor)</b> |   |  |
| <b>Other Direct Costs</b>         |   |  |
| <b>Total Price</b>                |   |  |

**Copy total price to the Superior Engine total price on  
 Page 4 (Item #3)**

**\* Identify personnel to be used for these tests.**

| <b>Other Direct Costs (ODC) for<br/>Lift Station 20 Engine</b>             | <b>ODC Cost</b> |
|--|-----------------|
| Mobile Lab Use   |                 |
| Mobile Lab Expendables   |                 |
| Load Bank Rental (if required)   |                 |
| Printing, Postage, Telephone,<br>Fax, Etc.                                 |                 |
| Mobilization (if services<br>origination is other than<br>Albuquerque, NM) |                 |
| <b>Total Other Direct Costs</b>  |                 |