



CITY OF PALO ALTO

PURCHASING AND CONTRACT ADMINISTRATION

**250 HAMILTON AVENUE
PALO ALTO, CA 94301**

**P.O. BOX 10250
PALO ALTO, CA 94303**

Date: October 29, 2009

Subject: Addendum Number Three to City of Palo Alto Request for Proposal (RFP) Number 133424

Project Title: Redesigning and Rebuilding of Gas Receiving Stations

Department: Utilities, Engineering Division

Bid Opening Date: 3:00 p.m., Tuesday, November 10, 2009**New Date******

Please note the following changes, corrections, questions and answers, and clarifications are hereby incorporated to the requirements of the RFP:

1. The design parameters for Gas Receiving Stations are based on information provided by PG&E for gas flow. Please change in Scope of Work under Design, Parameters for Gas Receiving Stations (Page 1 of 4)

From: The flow to the Stations is approximately:

Station 1: PG&E meter sized for delivery of 1,035,000 SCFH @ 60 psig
Station 2: PG&E meter sized for delivery of 666,600 SCFH @55 psig
Station 3: PG&E meter sized for delivery of 385,570 SCFH @ 60 psig
To VA Hospital 90, SCFH

To: The flow to the Stations is approximately:

Station 1: PG&E flow to the station 970,000 SCFH @ 60 psig
Station 2: PG&E flow to the station 970,000 SCFH @ 60 psig
Station 3: PG&E total flow to the station 475,570 SCFH @ 60 psig (includes 90,000 SCFH to VA Hospital).

Add to Design Requirements for Gas Receiving Stations (Page 2 of 4):

Each run must handle entire station flow. The number of runs and whether or not by-pass is necessary shall be suggested by proposing firm for each station.

Upstream filter – shall be a gas filter intended for removal of dry dust and pipe scale and capable of flowing stated capacities for each stations.

Coater – follow manufacturer recommendations – if primer is recommended under acrylic coating than primer needs to be installed.

2. Stations testing:

- A. Flow test – air flow test for 1 hour at the fabrication facilities at the required design parameters for each station (stated flow and pressure reductions).
- B. Hydro test – test at 1.5 times MAOP of PG&E system or at 600 PSIG for 1 hour to ensure leak proof assembly.

3. Removal of old facilities/Installation of new facilities:

The City will be responsible for removal of old facilities and buildings as indicated on the attached with the proposal drawings. The Contractor will suggest the location of the new headers and the City will modify the existing piping to accept the new facilities. The center line for skid mounted headers should be 30” above the ground level. The Contractor will design all necessary concrete support for skids (headers) and provide this design calculations and installation drawing/concrete testing requirements along with the proposal. The City will install concrete per the accepted design. The Contractor will install skid mounted stations and after the City performs connection to PG&E and City’s systems, the Contractor will start, test, and calibrate the stations.

4. Licenses

The submitted documents including drawings, plans, schematics, and calculations must be signed and stamped by the **California** licensed engineer.

5. Storage Facility

Municipal Service Center will provide the Contractor a location for temporary storage during the stations’ assembly.

6. Progress Payments

The Contractor will be paid as follows:

- Twenty percent (20%) upon submittal of contract drawings
- Thirty percent (30%) upon purchase by the Contractor of equipment/material
- Forty percent (40%) upon delivering and installing stations at the City sites
- Ten percent (10%) after completing City personnel training and submittal of final documents

7. Definition of “Local ambient “Noise - “Local ambient” sound is defined in the City Noise Ordinance <http://www.cityofpaloalto.org/civica/filebank/blobdload.asp?BlobID=2312> at 9.10.020 Definitions subpart d.

8. The following is a series of questions and answers:

Q1: Are there drawings for all three stations and what types of drawings are available? Will the drawings be available before the RFP due date? We will need to take data and dimensions from each site before the RFP due date to prepare an accurate and realistic cost estimate. Is this possible?

A1: No site drawings will be available before RFP. If the bidder needs to visit stations again they have to contact Jasen Strickland (650-444-6123) and arrange with him a site visit.

*Q2: Are the revised flow rates specified in Addendum No. 2 of the RFP the **maximum** design flow rates for each station?*

A2: Yes.

Q3: If the City of Palo Alto's stations were to be designed to the maximum PG&E flow rates at a delivery pressure of 60 psig, as specified in Addendum No. 2, then under what conditions is the City anticipating pressures of 12 psig at the discharge of the regulator stations as shown on the operating diagrams attached with the RFP?

A3: The City delivery pressure is 25 psig as indicated in the scope of work

Q4: At the pre-proposal meeting, the City indicated that they will install a concrete pad for the regulator stations. If this is the case, will the City accept a regulator station that is not skid mounted as required in this section of the RFP to reduce cost?

A4: The City will review the proposal for a station that is not skid mounted. The Contractor will design all necessary concrete support for skids (headers) and provide this design calculations and installation drawing/concrete testing requirements along with the proposal. The City will install concrete per the accepted design.

Q5: Could we use an equivalent pipe specification such as A106 instead of A53?

A5: The proposing firm may justify in the proposal the usage of A106 instead of A53 (pipe).

Q6: Why is a bypass run required when there are three runs and each run is sized to handle the station maximum flow rate?

A6: **Each run must handle entire station flow.** The number of runs and whether or not bypass is necessary shall be suggested by proposing firm for each station.

Q7: What does the City mean by "Token" relief valves? What's the City's intended function for them? The RFP specified valves (plural) but the operating diagram shows only one relief valve on the bypass run.

A7: Relief – proposing firm will justify whether relief is needed (size it) or not based on proposed design

Q8: RFP specified weld-end x flanged end valves. A flange x flange valve may be more appropriated in some cases, are they acceptable?

A8: Weld end to flange versus flange to flange valve – it is part of design and proposing firm must justify usage of one versus another.

Q9: Some field welding may be necessary to properly interconnect with existing piping. Is this acceptable with the City?

A9: Yes

Q10: How many people will be trained?

A10: Four people.

Q11: Who will dispose of the facilities demolished by the City?

A11: The City will dispose of the demolished facilities and the City will provide traffic control during delivery.

Q12: Will city design and construct the concrete pad for the regulator piping at each station?

A12: The Contractor will design all necessary concrete support for skids (headers) and provide this design calculations and installation drawing/concrete testing requirements along with the proposal. The City will install concrete per the accepted design.

Q13: Will the city be responsible for coordinating traffic rerouting during the time of construction?

A13: Yes

Note: The Proposal Opening Date is 3:00 p.m. Tuesday, November 10, 2009.

Carolynn Bissett
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City of Palo Alto

Cc: Aleksandr Pishchik, Project Manager