

Section 02684

CONSTRUCTOR QUALIFICATION REQUIREMENTS

PART 1 GENERAL

1.01 SUMMARY

- A. This section describes the requirements for constructor qualifications including a list of all covered tasks for this project and the required Constructor Personnel Qualification Program (CPQP) that is to be submitted with the Bid and maintained throughout entire duration of the project.

1.02 RELATED SECTIONS

- A. Section 02685 Natural Gas Distribution System

1.03 MEASUREMENT AND PAYMENT

- A. Unless specifically shown otherwise on the Bid Form, no separate measurement or payment shall be made for the requirements included in this specification and all cost for the work described herein shall be included in related items of work.

1.04 REFERENCES

- A. The applicable provisions of the following standards shall apply as if written here in their entirety.

RRC	Railroad Commission of Texas
US DOT	United States Department of Transportation

1.05 PROGRAM DESCRIPTION

- A. The Constructor is required to have an in-house Constructor Personnel Qualification Program (CPQP) that meets with the approval of the City of Tomball. The CPQP shall be submitted with the Bid as noted herein and is subject to the review and approval of the City during the evaluation of the Bids and throughout the duration of the project. The Constructor shall have qualified personnel that are capable of performing the covered tasks listed in this specification. The City of Tomball has sole discretion in evaluating the qualifications of all Constructor personnel during the evaluation of the Bids and throughout the duration of construction.

1.06 SUBMITTALS

- A. Information to be Submitted With Bid. Each Constructor shall submit documentation of a

Constructor Personnel Qualification Program (CPQP) with their Bid. The CPQP shall contain all required information as described herein (See Paragraph 3.01, Below). The City of Tomball reserves the right to reject any Bid that does not include a CPQP. The City of Tomball also has sole discretion in evaluating and determining the suitability of the CPQP submitted with the Bid and may elect to reject a Bid if, in the City's opinion, the CPQP is not acceptable.

- B. Information to be Submitted Following Bid. The City of Tomball reserves the right to request additional information from the Constructor pertaining to the Constructor Personnel Qualification Program (CPQP) after a Bid is submitted and during Construction. The Constructor shall provide City with all updates to the CPQP throughout the duration of the project in accordance with Paragraph 3.01 .B of this specification.

PART 2 P R O D U C T S (NOT USED)

PART 3 E X E C U T I O N

3.01 CONSTRUCTION PERSONNEL QUALIFICATION PROGRAM (CPQP)

- A. General. The Constructor shall have an in-house Constructor Personnel Qualification Program (CPQP) that meets with the approval of the City of Tomball and shall submit the CPQP as described in this specification (See Paragraph 1.06 - SUBMITTALS). The CPQP is required so that the City of Tomball can document the qualification of Constructor personnel under their own Operator Qualification Program. The CPQP shall contain all necessary information on the qualifications of constructor personnel that will be responsible for performing the covered tasks that are to be done during the execution of the work required for this project. The CPQP shall contain, but not be limited to, the following minimum information:

1. Name of Qualified Individual(s).
2. Dates of Qualifications for all personnel.
3. Method of Qualification for all personnel.
4. Qualification Expiration Date for all personnel.
5. Covered Tasks that all personnel are qualified to perform.

The Constructor is also encouraged to submit any other information that will substantiate the qualifications of their personnel including work history, resumes, certifications, training schedules, safety programs, etc. The additional information will serve to assist the City of Tomball in their Operator Qualification Program.

The Constructor is required to be familiar with and meet all rules promulgated by the United States Department of Transportation (US DOT) and the Railroad Commission of Texas (RRC) as it pertains to personnel qualifications and drug testing.

- B. Updates to CPQP. The Constructor shall update CPQP when requested by City and when there are any changes in personnel assigned to complete the covered tasks associated with this project. Updates will also be provided when personnel are requalified for the various covered tasks listed herein.
  
- C. City Authority. The City of Tomball and its responsible personnel are hereby defined as the Operator of the gas system where the proposed improvements are to be constructed by the Constructor. The City has ultimate authority in the evaluation of Constructor personnel qualifications on the covered task and may, at their discretion, refuse to allow the personnel of a Constructor to perform a covered task and/or may require that the Constructor personnel be supervised by a qualified person(s). The City of Tomball reserves the right to make procedural changes during construction that affect covered tasks and will communicate those changes to the constructor and the individuals performing the covered tasks. The Constructor is required to conform with the procedural changes and the City will only make the procedural changes when safety, training, and quality of installation are not conforming with the City's policies and procedures. The City of Tomball also reserves the right to make constructor personnel requalify for a specific task if, in the opinion of the City, the current qualification of a constructor personnel is questionable as determined by the City.

### 3.02 SCHEDULE OF COVERED TASKS

- A. The City of Tomball, DPW or the designated representative of the DPW shall determine the specific covered tasks required for this project and the determination shall be made prior to the bid date. If a schedule of covered tasks is not provided by DPW prior to bid date, then the Constructor shall, as a minimum, employ personnel that are qualified for the following tasks as a default:
  - 1. Emergency valve inspection.
  - 2. Over-pressure protection device inspection.
  - 3. Regulator inspection.
  - 4. Cathodic protection pipe-to-soil readings.
  - 5. Correction of cathodic potential deficiencies.
  - 6. Installation of cathodic protection anodes and testing equipment.
  - 7. Rectifier inspection.
  - 8. Leakage survey.
  - 9. Above ground leak repair.
  - 10. Below ground leak repair.
  - 11. Welding on gas pipelines and appurtenances.
  - 12. Joining of plastic pipe and appurtenances.
  - 13. Visual inspection of pipe and pipe components for damage prior to installation.
  - 14. Visual inspection of pipe and pipe components for correct pressure rating and correct application prior to installation on gas pipeline facilities.
  - 15. Locating below ground pipeline facilities and marking the location of the facilities.
  - 16. Installing and burying gas pipelines in a ditch.
  - 17. Installing gas pipelines by bore.

18. Tapping gas mains.
19. Responding to gas emergencies after business hours.
20. Abandoning gas pipeline facilities.
21. Pressure testing gas pipeline facilities.

END OF SECTION