



CITY OF TOPEKA

Contracts and Procurement Division
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ADDENDUM 2

Bid Event: Bid 103 Request for Proposals Liquid Oxygen Storage and Vaporization System
291139.01

Closing Date: 8/20/2026

Addendum Date: 8/17/2026

Conditions of Addendum

Bidders are hereby instructed to review and acknowledge the following changes, corrections, clarifications, additions, deletions, and approvals made to the Contract Bid and Construction Documents.

Addendum No. 2 is considered an integral part of the Contract Bid and Construction Documents and shall govern the performance of all work related to the project. This addendum consists of 3 pages and includes no attachments.

Purpose of this Addendum:

This addendum is issued to address the following:

1. Paragraph 1.03.A.4

Delete Paragraph 1.03.A.4 and replace it with:

4. Nominal gaseous-oxygen delivery pressure at the connection to the ECO Oxygen Technologies oxygen control panel: approximately 100 psig, subject to final coordination with ECO Oxygen Technologies in accordance with Paragraph 1.03.F. The LOSVS shall continuously provide not less than 730 scfh at the final coordinated delivery-pressure setting.

2. Article 1.03 - Performance Requirements

Add the following new Paragraph 1.03.F:

F. DOWNSTREAM PRESSURE CRITERIA

1. ECO Oxygen Technologies has confirmed that the Speece Cone has a maximum allowable working pressure of 100 psig.
2. The lowest-rated component within the ECO oxygen control panel is the ALICAT device, rated 160 psia, equivalent to approximately 146 psig. When the Speece Cone is included, the lowest pressure rating of the complete downstream system is 100 psig.
3. ECO recommends an initial gaseous-oxygen pressure-reducing-valve setting of approximately 100 psig at the supply to the ECO oxygen control panel.
4. The oxygen-source pressure shall remain at least 10 to 15 psi above the Speece Cone operating or dynamic pressure to maintain the required oxygen flow and account for pressure losses through the oxygen control panel.
5. Expected operating pressures are approximately:
 - a. ECO oxygen control panel: 60 psig.
 - b. Speece Cone gaseous-oxygen inlet: 40 psig.
 - c. Force main: 20 psig.

These values represent anticipated operating conditions and are provided for system design and coordination. Final operating pressures shall be established during startup and commissioning.

6. ECO recommends an initial supplier-side pressure-relief-valve setting of approximately 140 psig. This relief setting applies to the pressure zone upstream of the ECO control-panel pressure reductions. It shall not be interpreted as an allowable operating pressure or relief setting for the Speece Cone.
7. The FIRM shall design and furnish the pressure-regulation and overpressure-protection arrangement so that no component can be exposed to pressure exceeding its applicable rating during normal operation or a reasonably foreseeable regulator, valve, or control malfunction.
8. The FIRM shall coordinate the final operating pressure, regulator setting, relief-device setting, and pressure-protection arrangement with ECO Oxygen Technologies. Final settings may differ from the nominal values stated above when supported by the FIRM's design and accepted through coordination with ECO and the City.

3. Article 1.06 – Design Responsibility and Submittals

Add the following new Paragraph 1.06.F:

F. Before installation, submit pressure-coordination information identifying:

1. The pressure rating of each pressure-containing component furnished by the FIRM.
2. The proposed normal operating pressure and pressure-reducing-valve setting.
3. The proposed relief-device type, location, capacity, and set pressure.
4. The pressure rating and expected operating pressure for each pressure zone.
5. A diagram identifying the pressure regulator, relief devices, isolation valves, removable connection, ECO oxygen control panel, and Speece Cone.
6. A description of how the proposed arrangement prevents any component from being exposed to pressure exceeding its rating.
7. Written confirmation that the proposed settings and interface have been coordinated with ECO Oxygen Technologies.

This submittal does not require a Professional Engineer's seal unless Paragraph 1.06.C applies.

4. Article 3.03 – Startup and Acceptance Testing

Add the following at the end of Paragraph 3.03.D:

The startup and testing report shall document the final pressure-reducing-valve and relief-device settings; the actual LOSVS delivery pressure; available measured pressures within the ECO oxygen control panel and at the Speece Cone inlet; and verification that the complete pressure-regulation and overpressure-protection arrangement operates as intended. The final settings shall be coordinated with ECO Oxygen Technologies and shall not expose any component to pressure exceeding its applicable rating.

Bidders are required to acknowledge receipt of this addendum in their bid proposal. Failure to do so may render the proposal non-responsive. Bidders must upload the signed addendum with their bid submission.

Contractor Signature: _____

Date: _____ Title: _____