CITY OF TOPEKA

Division of Procurement & Grants Management
City Hall, 215 SE 7th St., Room 60
Topeka, KS 66603

procurement@topeka.org
Tel: 785-368-3749

Date:	Thursday, August 13, 2026
Event Number:	Bid 103 Request for Proposals Liquid Oxygen Storage and Vaporization System 291139.01

Question #	Type One Question per line Below
Example Q1	**How many inches in one foot?**
Example A1:	**12 inches**
Q1.	Provide local alarms and supplier telemetry permitting WPC to remotely view tank level and pressure through a web-based system.
A1.	"Local alarms" means supplier-provided visual and/or audible indication at the bulk oxygen system to alert onsite WPC personnel of an abnormal condition requiring attention, such as low tank level or abnormal tank pressure. A local red warning light or comparable supplier-standard alarm indication is acceptable.
Q2.	Can you please clarify local alarms. Airgas would provide a telemetry system. But it does not inferface with they other system. Only the bulk oxyen system. This is a Web base system.
A2.	Airgas's standalone, web-based telemetry system for the bulk oxygen system is acceptable. It shall allow authorized WPC personnel to remotely view the liquid oxygen tank level and pressure. No interface or integration with the City's SCADA, network, or any other system is required.
Q3.	Have there been any upgrades to the site – or are you still planning on removing the Vessel in the Pit and installing the new tank in the same spot?
A3.	Site is being modified. See plan drawings for the changes.
Q4.	If so, are you planning on extending the pit out to the West? We noted there's a doorway in the back and Per NFPA, we will have to be a certain distance from the door.
A4.	Drawing D-102 shows the currently planned equipment area and door locations. The City is not presently planning to extend the pad to the west. The FIRM is responsible for proposing an arrangement that complies with applicable NFPA separation requirements within the available area.
Q5.	Are you planning on adding a new building "Super OX on the East side? We need to make sure this won't limit truck access.
A5.	No. Refer to construction plans.
Q6.	Last – before we can proceed with pricing, we would like to have an in person meeting on site with our technician. Who would be our point of contact? Someone from Bartlett & West, or Topeka representative?
A6.	We cannot meet. We are in a "cone of silence." All question must be posted to all bidders.
Q7.	1.02 (8)) Provide Local Alarms and supplier Telemetry permitting WPC to Remotoely view Tank Leveal and pressure through a web-based system. **(Airgas will prprovide the Telemetry system tank pressure and liquid level. NO Local Alarms)**

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A7.	Airgas's standalone, web-based telemetry system for remote viewing of tank liquid level and pressure is acceptable. No integration with the City's SCADA or other systems is required. However, the local alarm requirement remains. Provide a supplier-standard visual warning device at or near the bulk oxygen system to alert onsite personnel of an abnormal condition requiring attention. A red warning light or comparable visual indication is acceptable. No remote communication or system integration is required for the local alarm. Airgas should identify the abnormal conditions that will activate the local warning.
Q8.	1.03(7) City of Topeka needs to supply the 1" 3 piece 1/4 trun ball valve at connection.
A8.	The City will not furnish the 1-inch, three-piece, quarter-turn ball valve. Crossland Heavy Contractors will provide the 1-inch plain-end stainless-steel pipe to the connection point shown on Drawing D-102. The FIRM shall furnish the final isolation valve and all fittings, connectors, and materials required to connect the LOSVS to the City's 1-inch pipe. The valve shall meet the material and oxygen-service requirements of Paragraph 1.03.A.7.
Q9.	1.03 (7C) **(Can you please clarifying)** Provide an oxygen-service-rated removable connection between the isolation valve and the FIRM's regulation stand. The FIRM shall select the connection type and shall be responsible for compatibility, cleanliness, installation, testing, and leak-tight performance of the complete connection assembly.
A0.	The intent is to provide a connection that allows the supplier-owned LOSVS and regulation stand to be disconnected and removed without cutting or welding the City's permanent 1-inch piping. The FIRM may select its standard oxygen-service-rated connection, such as a union, flange, or other suitable mechanical connection. The connection shall be installed downstream of the final isolation valve and shall be compatible with the operating pressure, materials, and oxygen service. The FIRM is responsible for furnishing, cleaning, installing, testing, and verifying the leak-tightness of the complete connection assembly.
Q10.	1.03 B. **(Can you please clarifying that you do not have a temperature requirement)** B. The FIRM shall provide a vaporization system capable of continuously delivering not less than 730 scfh of gaseous oxygen at the required delivery pressure and at the specified minimum outdoor design temperature. The capacity shall account for site elevation, ambient-temperature derating, frost and ice accumulation, defrost cycles, and when applicable vaporizer-bank switching.

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A10.	The City does not specify a required gaseous-oxygen discharge temperature. However, the vaporization system must continuously deliver at least 730 scfh at the required delivery pressure when the outdoor ambient temperature is −20°F. The FIRM shall account for ambient-temperature derating, site elevation, frost and ice accumulation, defrost cycles, and, when applicable, vaporizer-bank switching. The FIRM is responsible for selecting equipment capable of meeting the required flow and pressure under those conditions.
Q11.	**(If Airgas would have to credit it would be in the form of product.)** If the proposed LOSVS cannot maintain the required capacity with one vaporizer unavailable, the FIRM shall provide the personnel, replacement equipment, temporary equipment, or other resources necessary to restore the required capacity within one business day after notification or discovery of the loss of capacity. If the FIRM fails to restore the required capacity within one business day, the FIRM shall credit the City the prorated daily LOSVS lease charge for each day the required capacity remains unavailable, when the loss of capacity is attributable to equipment or services furnished by the FIRM or to an act or omission of the FIRM or its subcontractors.
A11.	Airgas may provide the required credit as a product credit, provided its value equals the prorated daily LOSVS lease charge required by Paragraph 1.03.E. The credit shall be shown on the next invoice and shall identify: Number of days the required capacity was unavailable. Applicable daily lease charge. Total dollar value of the credit. Equivalent quantity of oxygen credited using the then-current Contract unit price. The City will not require a cash payment, but the product credit must be fully documented and equal in value to the required lease credit. This does not change the FIRM's obligation to restore the required capacity within one business day.
Q12.	1.06 C **This say when required is it required? Airgas does not required Engineer licensed in Kansas on the project.** Manufacturer's standard drawings, specifications, calculations, and installation details are acceptable when they accurately represent the proposed equipment and are applicable to the Project site conditions. The FIRM shall review the documents and provide written confirmation of their applicability. **Documents shall be prepared and sealed by a Professional Engineer licensed in Kansas only when required by applicable law, code, permit,** or the authority having jurisdiction. When a seal is required, only the affected site-specific documents shall be prepared and sealed. **No Professional Engineer seal is otherwise required by this Solicitation.**

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A12.	The Solicitation does not independently require Airgas to retain a Professional Engineer licensed in Kansas. Airgas's standard manufacturer drawings, specifications, calculations, and installation details are acceptable, provided Airgas confirms that they apply to the proposed equipment and site conditions. A Kansas-licensed Professional Engineer is required only if a specific law, code, permit, or authority having jurisdiction requires sealed documents for a site-specific component. If no such requirement applies to Airgas's proposed installation, no Kansas Professional Engineer or engineering seal is required.
Q13.	1.07 A After commissioning, submit record drawings showing the installed configuration and points of connection. Record drawings shall be prepared and sealed by a Professional Engineer licensed in Kansas only when required by Paragraph 1.06.C. **Same question is this required for an Engineer Airgas does not required Engineer licensed in Kansas on the project.** B. Submit operating and maintenance information covering normal and emergency procedures, deliveries, safety precautions, alarm response, inspection and maintenance, and normal and emergency contact information. This system does not have a alarm system **The Telemetry has Liquid Level and pressure.**
A13.	Record drawings are required, but a Kansas Professional Engineer's seal is not required unless Paragraph 1.06.C is triggered by a specific law, code, permit, or authority having jurisdiction. If no such requirement applies, Airgas may submit unsealed record drawings showing the installed configuration and connection points. Paragraph 1.07.B requires O&M information for the equipment actually provided. Airgas shall submit instructions covering its web-based telemetry, including how WPC personnel view tank level and pressure and respond to abnormal readings or telemetry notifications. The separate local visual alarm requirement remains. Airgas should describe the local warning device and the conditions that activate it. No SCADA or other system integration is required.
Q14.	**What is the MAWP on the equipment that the oxygen is connectin to.**
A14.	The Solicitation requires the FIRM to coordinate with ECO Oxygen Technologies (ECO2). Section 44 32 00, Paragraph 2.03.A, identifies the SuperOxygenation injection cone as a 100-psig-rated vessel. The FIRM shall coordinate the required delivery pressure and pressure-regulator settings with ECO2. The delivered pressure shall not exceed the pressure rating of the lowest-rated downstream component. Final operating pressure, regulator settings, and relief-device settings shall be confirmed through the equipment submittal process before commissioning.

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Q15.	2.05A. Provide local instrumentation and controls required for safe and reliable operation, including low tank-level alarm; low and high delivery-pressure alarms; and common system-trouble alarm. (**Airgas will prprovide the Telemetry system tank pressure and liquid level. NO Local Alarms)**
A15.	The standalone, web-based Airgas telemetry system for remotely viewing tank pressure and liquid level is acceptable. No interface with the City's SCADA, network, or other control systems is required. However, telemetry alone does not satisfy Paragraph 2.05.A. The FIRM shall provide a local visual indication at or near the LOSVS to alert onsite personnel of a low tank level, low or high delivery pressure, or common system-trouble condition. A single supplier-standard common warning light is acceptable, provided the specific alarm condition can be identified through the local equipment indication or the web-based telemetry system. An audible alarm is not required.
Q16.	3.04 **Airgas will provide a briefing for the installation. Airgas is responsible for our equipment. No electronic copies of training materials.**
A16.	A general installation briefing alone does not satisfy Paragraph 3.04. Airgas shall provide onsite training for WPC personnel covering the supplier-owned LOSVS, including: Normal operation and safety precautions. Delivery procedures and site-access requirements. Tank-level and pressure monitoring through the web-based telemetry system. Response to abnormal conditions and local warning indications. Emergency shutdown and notification procedures. Airgas's service and emergency contact procedures. Airgas remains responsible for its equipment, maintenance, and repairs. WPC personnel will not be expected to service or repair supplier-owned equipment. Electronic copies of Airgas's standard operating instructions, safety information, emergency procedures, telemetry-user instructions, and contact information are required. Airgas is not required to develop separate, project-specific presentation materials if its standard documents cover the required subjects.
Q17.	4.01 4 **Please clarify (No Alarms)** A technical description of the proposed LOSVS, including the tank, vaporizers, controls, alarms, and system interfaces.

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A17.	Paragraph 4.01.A.4 requires the Proposer to describe the complete system being offered. This includes the tank, vaporizer arrangement, regulation and controls, web-based telemetry, local warning indication, and physical system interfaces. As clarified for Paragraph 2.05.A, a single supplier-standard local visual warning light is acceptable, provided it alerts onsite personnel to an abnormal condition and the specific condition can be identified locally or through the web-based telemetry system. An audible alarm is not required. The technical description shall also confirm that the telemetry system is standalone and identify the information available to WPC. Integration with the City's SCADA, network, or other control systems is not required.
Q18.	4.01 9 **Please clarify** Identification and qualifications of the proposed installation contractor and service personnel.
A18.	The Proposer shall identify the firm or subcontractor that will install and commission the LOSVS and the organization responsible for routine maintenance, emergency response, and repairs. Provide the following: Company name and location. Proposed role and scope of responsibility. Relevant experience installing or servicing bulk liquid-oxygen systems. Applicable licenses, certifications, or manufacturer qualifications. Location from which service personnel will be dispatched. Proposed emergency-service contact and anticipated response capability. Individual employee résumés are not required. If specific personnel have not been assigned at the time of proposal, the Proposer may provide the qualifications required for the personnel who will perform the work and confirm that personnel meeting those qualifications will be assigned.
Q19.	6. Price Requirements The supplemental labor and service rates in Article 4 are firm during Contract Year 1. Beginning with Contract Year 2, those rates may be adjusted only in accordance with the CPI-U formula and 5.0 percent annual cap in Paragraph 4.03.D of the Solicitation. **We have a yearly 5% increase. Do not use the CPI-U**
A19.	Supplemental labor and service rates stated in Article 4 shall remain firm during Contract Year 1. Beginning with Contract Year 2, the FIRM may implement one annual adjustment to those rates in accordance with the Solicitation's price-adjustment provisions. Any annual increase shall not exceed 5.0 percent of the then-current rate and requires at least 120 calendar days' written notice before the beginning of the next Contract Year.

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Q20.	"Local alarms" means supplier-provided visual and/or audible indication at the bulk oxygen system to alert onsite WPC personnel of an abnormal condition requiring attention, such as low tank level or abnormal tank pressure. A local red warning light or comparable supplier-standard alarm indication is acceptable. **(What is Abnormal condition, What are the set points for Low tank level and High and other local alarms that you need . What is abnormal tank)**
	The City is not prescribing numerical alarm setpoints. An "abnormal condition" means a condition outside the manufacturer's recommended operating range or a condition requiring attention to maintain safe and reliable oxygen service. Examples of abnormal conditions include: 1. Low tank inventory requiring delivery coordination. 2. Delivery pressure outside the acceptable operating range. 3. An equipment-trouble condition affecting the LOSVS's ability to provide the required flow and pressure. The FIRM shall identify the alarm conditions and manufacturer-recommended setpoints included with its proposed system. Delivery-pressure setpoints shall be coordinated with ECO Oxygen Technologies, identified in the equipment submittal, and confirmed before commissioning. A single common visual warning light is acceptable if the specific condition can be identified locally or through the supplier's web-based telemetry system. An audible alarm and integration with the City's SCADA are not required.
Q21.	Drawing D-102 shows the currently planned equipment area and door locations. The City is not presently planning to extend the pad to the west. The FIRM is responsible for proposing an arrangement that complies with applicable NFPA separation requirements within the available area. **The site has to meet NFPA requirements also we can not change your site.**

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	Drawing D-102 shows the space currently available for the LOSVS equipment. The FIRM shall propose an equipment arrangement that complies with applicable NFPA requirements. If additional space to the west is required, the FIRM shall identify in its Proposal: The additional dimensions required. The proposed equipment layout. The applicable NFPA clearance requirements. The permanent site modifications required, including any pad, fence, bollard, or doorway modifications. The City will consider the required site modifications when evaluating the Proposal. If the FIRM is selected, the City will provide the permanent site modifications identified in and accepted as part of the Proposal. The FIRM shall remain responsible for the layout and NFPA compliance of its LOSVS equipment.
Q22.	The City will not furnish the 1-inch, three-piece, quarter-turn ball valve. Crossland Heavy Contractors will provide the 1-inch plain-end stainless-steel pipe to the connection point shown on Drawing D-102. The FIRM shall furnish the final isolation valve and all fittings, connectors, and materials required to connect the LOSVS to the City's 1-inch pipe. The valve shall meet the material and oxygen-service requirements of Paragraph 1.03.A.7. **This valve is furnished by the buyer this separates our equipment from yours.**
	The City understands that the final isolation valve establishes the ownership boundary between the City's permanent piping and the supplier-owned LOSVS. The City is not able to furnish the valve independently because its selection and installation must be compatible with the FIRM's proposed equipment and connection arrangement. Therefore, the FIRM shall furnish, install, clean, test, and place into service the 1-inch, three-piece, quarter-turn isolation ball valve required by Paragraph 1.03.A.7. The Proposer shall state a separate lump-sum price for the valve, including its permanent installation and all labor and incidental materials required to place it into service. Upon acceptance, the valve and its permanent installation materials will become the property of the City. They shall not be considered part of the leased equipment and shall remain in place following expiration or termination of the Contract. The removable connection and supplier-owned equipment downstream of the isolation valve remain the FIRM's responsibility.

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Q23.	The intent is to provide a connection that allows the supplier-owned LOSVS and regulation stand to be disconnected and removed without cutting or welding the City's permanent 1-inch piping. The FIRM may select its standard oxygen-service-rated connection, such as a union, flange, or other suitable mechanical connection. The connection shall be installed downstream of the final isolation valve and shall be compatible with the operating pressure, materials, and oxygen service. **This is the 3 three piece quarter turn ball valve that is furnished by the buyer again this separates our equipmnet for yours**
	As clarified in Q22, the final isolation valve will be furnished and installed by the FIRM as a separately priced permanent component and will become the property of the City upon acceptance. The valve establishes the ownership boundary between the City's permanent piping and the supplier-owned LOSVS. The FIRM may use the three-piece isolation valve as part of its standard removable connection arrangement. A separate union or flange is not required if the proposed valve and end-connection arrangement allows the supplier-owned LOSVS and regulation stand to be isolated, disconnected, and removed without cutting, welding, or damaging the City's permanent piping or City-owned valve. If the proposed valve arrangement does not provide this capability, the FIRM shall provide an oxygen-service-rated union, flange, or other suitable removable mechanical connection downstream of the isolation valve. The FIRM shall identify the proposed connection arrangement and ownership boundary in its equipment submittal. The complete connection shall be compatible with the operating pressure, materials, cleanliness requirements, and oxygen service.
Q24.	**You stated that you need 100 psi line pressure and the MAWP is 100 psi we need to know what is the MAWP for the Cone unit. If you are wanting 100 psi that can't be the MAWP on the unit. This will affect the relief valves on the system.**

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	The City agrees that the nominal delivery pressure cannot be treated as both the continuous operating pressure and the MAWP of the downstream equipment. Section 44 32 00, Paragraph 2.03.A, describes the injection cone as an ASME-fabricated, 100-psig-rated vessel; however, it does not state the cone's exact stamped MAWP. Paragraph 2.02.C limits the SuperOxygenation System's process operating pressure to 100 feet of head, approximately 43.3 psig. This process operating pressure is not the same as the MAWP. The City is obtaining written confirmation from ECO Oxygen Technologies of: The injection cone's stamped MAWP. The lowest pressure rating of the oxygen control panel and downstream components. The required gaseous-oxygen inlet-pressure range. The recommended operating, regulator, and relief-device settings. The City will provide this information by addendum. The FIRM shall not establish its relief-device setting solely from the 100-psig vessel rating.
Q25.	
Q26.	
Q27.	
Q28.	
Q29.	
Q30.	
Q31.	
Q32.	
Q33.	
Q34.	
Q35.	
Q36.	

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Q37.	
Q38.	
Q39.	
Q40.	