



AGENDA MEMORANDUM

Action Item for the City Council Meeting April 8, 2025

DATE: February 25, 2025

TO: Peter Zanoni, City Manager

FROM: Bill Mahaffey, Director of Gas Operations
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Purchase of Ball Valves for the Gas Department

CAPTION:

Resolution authorizing a three-year supply agreement with Broen, Inc., of Houston in an amount up to \$531,977.40 to purchase valves and parts utilized by CC Gas, with FY 2025 funding of \$103,440.05 from Gas CIP Funds.

SUMMARY:

This resolution authorizes a three-year supply agreement with Broen, Inc. to purchase ball valves for the Corpus Christi Gas Department. Broen, Inc. is the sole source provider for these valves. The ball valves are essential for the CC Gas distribution system, ensuring tight sealing and safety. Their advanced features, including FireSafe protection, stem sealing, and Double Block and Bleed (DBB) capabilities, are vital for preventing fires and ensuring public safety. These valves comply with stringent industry requirements, guaranteeing adherence to safety and performance standards. Their reliable operation and innovative design make them indispensable for maintaining the integrity and safety of natural gas distribution networks.

BACKGROUND AND FINDINGS:

CC Gas will utilize various ball valves of various sizes for both new and existing gas distribution mains and regulator stations to control gas flow. The weld design is specifically engineered for buried mains, which is crucial in isolating gas flow during emergencies. These ball valves are essential for managing flow and pressure and shutting off gas flow when necessary, ensuring the safety and efficiency of the gas distribution system. Broen's ball valves are recognized for their advanced sealing systems, including Fire Safe and Double Block and Bleed (DBB) features, which guarantee 100% tightness and safety. These attributes meet the stringent requirements of CC Gas and contribute to operational efficiency. Additionally, Broen's ball valves are designed to withstand high pressures and temperatures, making them suitable for the

demanding environment in which CC Gas operates. Ball valves play a vital role in ensuring the safety of the gas distribution system by providing reliable control over gas flow. They help prevent leaks and reduce the risk of accidents. In emergencies, the ability to quickly isolate pipeline sections using ball valves is crucial for protecting residents and property, with public health and safety being a top priority. By providing high-quality ball valves from Broen, Inc., the department can maintain a secure and efficient gas distribution system, safeguarding the community and infrastructure from potential hazards.

PROCUREMENT DETAIL:

Natural gas distribution systems rely on using ball valves to prevent gas leaks, enable isolation, reduce accident risks, and ensure operation efficiency, as it's critical to maintain public health and safety. It is in the best interest of the City to enter into a supply agreement with Broen, Inc. in accordance with Local Government Code, Section 252.022(a)(2), as this purchase is necessary to preserve or protect the public health or safety of the City's residents, 252.022(a)(7)(D) captive replacement parts or components for equipment, and 252.022(a)(7)(A), this item is available from only one source because of patents, copyrights, secret processes, or natural monopolies.

Broen, Inc., the recommended supplier, is the sole distributor for these ball valves, which are warranted and serviced at their facility. Prices increased by .67% from the previous contract.

Previous Contract 2022-2024	Current Contract 2025-2028
\$528,421.10	\$531,977.40

ALTERNATIVES:

An alternative to accepting this bid would involve requiring CC Gas to purchase Broen gas valves on an as-needed basis. However, this approach would likely lead to potential delays and decreased productivity. In contrast, a long-term agreement would ensure a steady and reliable supply of Broen gas valves, leveraging the benefits of a better economy of scale. This would ultimately increase productivity and improve CC Gas's operational efficiency.

FISCAL IMPACT:

The fiscal impact for Gas CIP Funds in FY 2025 is not to exceed \$103,440.05 with Broen, Inc., of Houston for the purchase of ball valves for CC Gas.

FUNDING DETAIL:

Fund:	4562	Gas 2025 CIP
Organization/Activity:	E12132014562EXP	
Mission Element:	11	
Project # (CIP Only):	E12132	Gas Life Cycle Replacement Program
Account:	520150	Meter & svc connection material

RECOMMENDATION:

Staff recommends approval of this Resolution as presented.

LIST OF SUPPORTING DOCUMENTS:

- Price Sheet
- Supply Agreement
- Presentation