



City of Santa Ana
20 Civic Center Plaza, Santa Ana, CA 92701
Staff Report
June 6, 2023

TOPIC: Purchase of Sewer Lining Equipment and Tools

AGENDA TITLE

Approve a Purchase Order in the Amount of \$175,572 to The Charles Machine Works, Inc. for Sewer Lining Tools (Specification No. 23-023) (Non-General Fund)

RECOMMENDED ACTION

Authorize a one-time purchase order to The Charles Machine Works, Inc. for the purchase of sewer lining tools, in the amount of \$146,310, plus a contingency of \$29,262, for a total amount not to exceed \$175,572, subject to non-substantive changes approved by the City Manager and City Attorney.

DISCUSSION

The Public Works Agency Water Resources Division oversees the City's Sewer Lateral Repair Program. There are over 45,000 privately owned sewer laterals in the City, which convey sewage from homes and businesses to the main public sanitary sewer collection system. The Sewer Lateral Repair Program provides the repair or replacement of sewer laterals from the edge of the property owner's property line to where it connects to the public sewer main in the street. Staff assigned the sewer crew to perform these sewer lateral repairs and replacements on a daily basis.

The Water Resources Division is seeking to purchase Bluelight Light-Emitting Diode (LED) cured-in-place-pipe (CIPP) lining system, accessories, and tools for lateral repairs. The specially formulated resin only cures under light in the "blue" wavelength, giving City staff longer working time between liner wet-out and curing. Sewer lateral lining is an additional method of trenchless repair, further limiting roadway excavation and consequently reducing inconvenience to the public.

The Notice Inviting Bids was advertised on February 1, 2023, on the City's online bid management and publication system. One bid was received, opened on February 22, 2023, and evaluated. The bid received from The Charles Machine Works, Inc. is responsive to the specification and meets the City requirements.

FISCAL IMPACT

Funds are budgeted and made available in the following account for the specified year:

Purchase of Sewer Lining Equipment and Tools
June 6, 2023
Page 2

Fiscal Year	Accounting Unit – Account #	Fund Description	Accounting Unit, Account Description	Amount
FY 22-23	05617640-66400	Sanitary Sewer Service	Sanitary Sewer Service, Machinery & Equipment	\$175,572

Submitted By: Nabil Saba, P.E., Executive Director – Public Works Agency

Approved By: Kristine Ridge, City Manager