



## Staff Report

**TO:** City Council  
**FROM:** Jeff Hart, Public Works Director  
**DATE:** February 15, 2022  
**SUBJECT:** **Authorize the Purchase of Trimble S7 Survey Equipment with California Surveying and Drafting Supply in an Amount Not to Exceed \$44,031.88**

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### **Background and Analysis:**

A critical component of every Public Works project is the acquisition and delivery of survey information, which includes boundary, horizontal and vertical control, benchmarks, topographic features, surface features, appurtenances, sightline surveys, and construction staking. Additionally, several Transit, Parks and Recreation, and Wastewater projects require similar survey information.

The Public Works Department does not have any survey-grade surveying equipment. Consequently, City staff must rent equipment or hire a consultant to perform the survey work regardless of the size of the project. The average cost to rent equipment is approximately \$500 per day. The average cost to have a consultant provide surveying services for a street improvement project is approximately \$24,000 per mile. With the acquisition, the City will now be able to utilize equipment to perform in-house surveys for various public works projects, as well as assist other departments by providing support that would have otherwise required rental equipment or engagement of outside consultants.

City staff obtained a quote to purchase a Trimble S7 total robotic station from California Surveying Drafting Supply (CSDS). Refer to Attachment A for quote. CSDS has an existing, competitively solicited, cooperative contract (Contract No. 1-21-66-03) with the California Department of Transportation (Caltrans) and the Department of Water Resources (DWP). The contract permits local governmental agencies to utilize the State contract for pricing (see Attachment B). By utilizing the State contract, the City will save approximately 15% from the retail price.

**Fiscal Impact:**

The one-time cost for the purchase of the Trimble S7 survey equipment is \$44,031.88 and is included in the FY 21/22 budget in the amount of \$45,000. The purchase will be paid for from the Public Works Equipment Fund (GL100-3100-8040-000). City staff estimates the costs to prepare this report to be \$75.

**Recommended Action:**

Approve and authorize the issuance of a purchase order to California Surveying Drafting Supply for Trimble S7 Survey Equipment in the amount of \$44,031.88.

**Attachments:**

- A. CSDS Quote
- B. State Contract No. 1-21-66-03