

**SUBMITTAL TO THE FLOOD CONTROL AND
WATER CONSERVATION DISTRICT BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

315B



FROM: General Manager-Chief Engineer

SUBMITTAL DATE:
September 9, 2014

SUBJECT: Authorize Proposed Purchase of Four (4) Trimble R-10 GNSS Receivers with TSC3 Survey Controllers and One (1) Trimble S-6, 3" Robotic Total Station [\$144,000] District Funds 100%.

RECOMMENDED MOTION: That the Board of Supervisors:

1. Authorize the Sole Source purchase of four (4) Trimble R-10 GNSS Receivers and one (1) Trimble S-6, 3" Robotic Total Station; and
2. Authorize and direct the Purchasing Agent to issue a purchase order to Allen Instruments & Supplies on behalf of the District and not to exceed the amount of \$144,000.

BACKGROUND:

Summary

The Trimble R-10 GNSS Receivers and S-6, 3" Robotic Total Station will replace the District's existing Trimble 5700 GPS receivers and Sokkia Total Station which have become obsolete and are no longer supported under a warranty or with a maintenance/replacement parts program by the manufacturer. The new Trimble Receivers and Robotic Total Station products and software will interface with the existing software the District currently runs in-office and on the equipment being replaced and can be upgraded to the new technology. Trimble is currently developing using the R-10 product line as its core component. Further, the R-10 will work with the District's existing Trimble survey field controllers and its functions can be fully utilized with the District's existing Trimble TSC Controllers.

FISCAL PROCEDURES APPROVED
JEANINE J. REY, FINANCE DIRECTOR
BY: *Jeannie J. Rey* 8/26/14
JEANINE J. REY, FINANCE DIRECTOR

Warren D. Williams
WARREN D. WILLIAMS
General Manager-Chief Engineer

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FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (per Exec. Office)
COST	\$ 144,000	\$ 0	\$ 144,000	\$ 0	Consent <input type="checkbox"/> Policy <input type="checkbox"/>
NET DISTRICT COST	\$ 144,000	\$ 0	\$ 144,000	\$ 0	

SOURCE OF FUNDS: 15100 947200 546240 Equipment – Survey Mapping
Budget Adjustment: No
For Fiscal Year: 14/15

C.E.O. RECOMMENDATION:

APPROVE
BY: *Steven C. Horn*
Steven C. Horn

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

- A-30
- 4/5 Vote
- Positions Added
- Change Order

Prev. Agn. Ref.: | **District:** ALL | **Agenda Number:**

11-5

**SUBMITTAL TO THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT
BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

FORM 11: Authorize Proposed Purchase of Four (4) Trimble R-10 GNSS Receivers with TSC3 Survey Controllers and One (1) Trimble S-6, 3" Robotic Total Station [\$144,000] District Funds 100%.

DATE: September 9, 2014

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Impact on Residents and Businesses

N/A

SUPPLEMENTAL:

Additional Fiscal Information

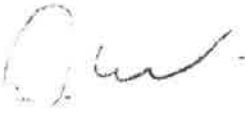
Sufficient funding is available in the District's General Fund for Fiscal Year 2014-2015. County Purchasing approved the attached Sole Source document No. 15-171 on August 26, 2014.

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MEMORANDUM
RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

DATE: August 26, 2014

TO: Board of Supervisors
VIA: Purchasing Agent
FROM: Warren D. Williams, General Manager-Chief Engineer 
RE: Sole Source Procurement – Allen Instruments
Request for Purchase of Trimble R-10 GNSS Receivers with TSC3 Survey Controllers and a Trimble S-6, 3" Robotic Total Station

The information provided below is in support of the District requesting approval for a sole source. Outside of a duly declared emergency, the time to develop a statement of work or specifications is not in itself justification for sole source.


1. **Supply/Service being requested:** The purchase of four (4) Trimble R-10 GNSS Receivers with TSC3 Survey Controllers and one (1) Trimble S-6, 3" Robotic Total Station.
2. **Supplier being requested:** Allen Instruments
3. **Alternative suppliers that can or might be able to provide supply/service:** Topcon, Leica, and Sokkia
4. **Extent of market search conducted:** Other manufacturers such as Topcon, Leica and Sokkia, use different software and hardware with their survey receivers and controllers. Purchasing a different manufacturers GPS receiver would require us to additionally purchase new survey controllers and the necessary hardware and software for each of the Survey crews. It would require all of the Survey crews to be trained on the new hardware, software and the procedures for data acquisition. Integrating a different manufacturer's system would not interface with our current Trimble systems. Trimble does not directly sell their products to the public. Trimble products can only be procured through an authorized Trimble dealer. Allen Instruments is the sole authorized reseller of Trimble branded survey products in Southern California. As an authorized Trimble dealer, Allen Instruments offers training and product support for the Trimble product line.
5. **Unique features of the supply/service being requested from this supplier, which no alternative supplier can provide:** All of our office software and corresponding field survey hardware operate on the Trimble software. The Trimble R10's interface with all of our present hardware and accessories including cables, batteries, radios and GPS receivers. The Trimble R10's are adaptable to the new V10 digital camera technology mounted on top of the R10. This creates photo data which can be utilized by our mapping division. The Trimble R-10 GNSS Receivers and S-6, 3" Robotic Total Station will replace the District's existing Trimble 5700 GPS receivers and Sokkia Total Station which have become obsolete and are no longer supported under a warranty or with a maintenance/replacement parts program by the manufacturer.

TO: Board of Supervisors

RE: Sole Source Procurement – Allen Instruments
Request for Purchase of Trimble R-10 GNSS Receivers with TSC3 Survey Controllers and a Trimble S-6, 3" Robotic Total Station


The new Trimble Receivers and Robotic Total Station products and software will interface with the existing software the District currently runs in-office and on the equipment being replaced, and can be upgraded to the new technology Trimble is currently developing using the R-10 product line as its core component. Further, the R-10 will work with the District's existing Trimble survey field controllers and its functions can be fully utilized with the District's existing Trimble TSC Controllers.

- 6. **Reasons why my department requires these unique features and what benefit will accrue to the county:** Trimble products are constructed to operate in harsh working conditions and rugged environments. The District's Survey crews are often in remote and rugged locations where the GPS units are used to facilitate support services for the District's other divisions such as Design and Construction. Trimble products have successfully performed in harsh conditions for the District's survey staff over the years.
- 7. **Price Reasonableness including purchase price and any ongoing maintenance or ancillary costs from the supplier:** The price reflects the standard pricing for the Trimble equipment and warranty agreement. Additionally, Allen Instrument's is extending a 10% long-term customer discount for various items as well as trade-in offers. The District finds the total cost of \$144,000 to be fair and reasonable. The District will go to the Board of Supervisors on September 9, 2014 for Approval.
- 8. **Does moving forward on this product or service further obligate the county to future similar contractual arrangements or any ongoing costs affiliated with this sole source? (Maintenance, support, or upgrades, if so, please explain).** No.
- 9. **Period of Performance:** N/A

 8/26/14

 Department Head Signature Date

Purchasing Department Comments:

<u>Approve</u>	Approve with Condition(s)	Disapprove
Not to exceed: \$ <u>144,000</u>	One time <input checked="" type="checkbox"/> Annual Amount through <u>6-30-15</u>	
	<u>8-26-14</u>	<u>15-171</u>
Purchasing Agent	Date	Approval Number <i>(Reference on Purchasing Documents)</i>