

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



ITEM: 11.1
(ID # 18843)

MEETING DATE:
Tuesday, May 17, 2022

FROM : FLOOD CONTROL DISTRICT AND General Manager-Chief Engineer :

SUBJECT: FLOOD CONTROL DISTRICT: Authorize the Purchasing Agent to Issue a Purchase Order to Hydrolynx Systems, Inc. for the Purchase of an Upgrade of the Alert System to Alert 2 System Phase 3 Without Seeking Competitive Bids for FY21/22, All Districts. [\$88,485 Total Cost – District Funds 100%]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve the Sole Source purchase of the Hydrolynx Systems, Inc. Alert 2 System Phase 3 in the total purchase amount of \$88,485; and
2. Authorize the Purchasing Agent to issue a Purchase Order to Hydrolynx Systems, Inc. for the purchase of the upgrade Alert 2 Flood Monitoring System in accordance with Ordinance No. 459.4.

ACTION:Policy

Jason Uhley, GENERAL MGR-CHF FLD CNTRL ENG

4/20/2022

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Jeffries, seconded by Supervisor Perez and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez and Hewitt
Nays: None
Absent: None
Date: May 17, 2022
xc: Flood

Kecia R. Harper
Clerk of the Board
By:
Deputy

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| FINANCIAL DATA | Current Fiscal Year: | Next Fiscal Year: | Total Cost: | Ongoing Cost |
|---|-----------------------------|--------------------------|---------------------------|---------------------|
| COST | \$88,485 | \$0 | \$88,485 | \$0 |
| NET COUNTY COST | \$0 | \$0 | \$0 | \$0 |
| SOURCE OF FUNDS: 48000-947240-526960 Hydrology - Small Tools and Instruments | | | Budget Adjustment: | No |
| | | | For Fiscal Year: | 21/22 |

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

The Riverside County Flood Control and Water Conservation District ("District") has operated an Alert 1 radio rain gauge flood warning system for over 45 years. The system is comprised of 70 gauges placed throughout Riverside County, along with four repeater sites. This network is comprised of Hydrolynx transmitter and repeater units. This purchase is necessary to upgrade the District's Alert 1 system, bringing the network up to standard with the Alert 2 protocols set forth by the Flood Warning community. Phase 1 was completed in FY19/20, and Phase 2 was completed in FY20/21. This is the last phase to convert the District to Alert 2.

Impact on Residents and Businesses

This hardware upgrade improves the capabilities of District staff to monitor and respond to storm flooding events as they occur, as well as improves the capabilities of District staff to further analyze the impacts of storm events in affected communities after the event occurs. Analysis of such impacts benefits residents and businesses because it allows for future planning of flood prevention structures in affected communities and assists District staff in fulfilling the District's mission of protecting people and property from flooding events.

Additional Fiscal Information

Funds for the upgrade to the Alert 2 system are included in the District's Fiscal Year 2021-2022 Hydrology Services budget for Phase 3.

Contract History and Price Reasonableness

This is a Sole Source purchase because the Alert 2 system is proprietary to Hydrolynx Systems, Inc. Hydrolynx Systems, Inc. is the only company that makes a direct upgrade for their units from the Alert 1 system to the Alert 2 system design.

The District has received approval #22-084 from Riverside County Purchasing for the Hydrolynx Systems, Inc. Alert 2 System Phase 3 upgrade sole source procurement.

ATTACHMENT:

1. SSJ, Hydrolynx Systems, Inc., Request for Alert2 High Data Rate Transmitter

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

SC:mc
MT #18843
P8/243261



Suzanna Heckley, Assistant Director of Purchasing and Fleet Service

4/22/2022




Jason Farin, Principal Management Analyst

5/9/2022



MEMORANDUM
RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

DATE: April 7, 2022

TO: Board of Supervisors/Purchasing Agent
VIA: Samuel Cox, Buyer II
FROM: Jason E. Uhley, General Manager-Chief Engineer 
RE: Sole Source Procurement – Hydrolynx Systems, Inc.
Request for Alert 2 High Data Rate Transmitter

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

1. **Supplier being requested:** Hydrolynx Systems, Inc.
2. **Vendor ID:** 0000034593
3. Single Source Sole Source
4. **Have you previously requested and received approval for a sole or single source request for this vendor for your department?** (If yes, please provide the approved sole or single source number.)
 Yes NO

SSJ# 20-116 and dating back to 2012

- 4a. **Was the request approved for a different project?** The answer is both yes and no; the purpose of the equipment purchased is the same. This purchase is an upgrade in the equipment. The projects vary from District facilities to remote areas to the Holy Fire burn areas, etc.
 Yes and NO

**There are several approved SSJ's for various items from Hydrolynx and some do pertain the Alert System items.*

5. **Supply/Service being requested:** The District has operated an ALERT1 radio rain gauge flood warning system for over 45 years. The system is comprised of 70 gauges placed throughout the county, along with 4 repeater sites. This network is comprised of Hydrolynx transmitter and repeater units. The purpose of this upgrade is to bring our ALERT1 network up to standard with the ALERT2 protocols set forth by the Flood Warning community. Hydrolynx is the only company that makes a direct upgrade for their units to the ALERT2 design. This is now phase 3 of the upgrades to the ALERT2 design. Phase 1 was done FY19/20, and phase 2 was done FY20/21.
6. **Unique features of the supply/service being requested from this supplier:** In order for the District to maintain a cooperative relationship with surrounding agencies in the Flood Warning community, the District must upgrade to the ALERT2 Protocol. Hydrolynx is the only company that makes a direct plug and play upgrades for all of our units. These have been dependable units and after a long working relationship Hydrolynx is familiar with the District's network and its needs.

TO: Board of Supervisors/Purchasing Agent
RE: Sole Source Procurement – Hydrolynx Systems, Inc.
 Request for Alert 2 High Data Rate Transmitter

7. Reasons why my Department requires these unique features from the vendor and what benefit will accrue to the county: The District's entire network of ALERT1 equipment is made by Hydrolynx. This type of equipment is operated in very harsh and wet environments, and Hydrolynx equipment has proven itself to be reliable making it the best choice to continue using. The District's operational goal with this system is to keep up with current technological advances while continuing to scan the horizon for ways to make it work even better for the public's interest.

8. Period of Performance: From: FY21/22 to FY21/22 (1 year)
 (total number of years)

Is this an annually renewable contract? Yes No
 Is this a fixed-term agreement? Yes No

9. Identify all costs for this requested purchase. In addition, please include any single or sole source amounts previously approved and related to this project and vendor in the section designated below for current and future fiscal years. You do not need to include previous fiscal year amounts. If approval is for multiple years, ongoing costs must be identified below. If annual increases apply to ongoing costs such as CPI or other contract increases, provide the estimated annual cost for each consecutive year. If the annual increase may exceed the Purchasing Agent's authority, Board approval must be obtained.

| Description: | FY 21/22 | | Total |
|--------------------------------|-------------|--|-------|
| One-time Costs: | \$88,484.88 | | |
| Upgrade Alert II System | | | |
| Ongoing Costs: | NA | | |
| NA | | | |
| Previous SSJ Approved Amounts: | | | |
| | | | |
| Total Costs | \$88,484.88 | | |

10. Price Reasonableness: This upgrade is being done in cooperation with several other agencies under the auspices of a California Department of Water Resources Grant. Riverside was awarded \$209,000 to be used for implementing the ALERT2 protocol in turn improving our Flood Warning System which covered phase 1 and phase 2. If there is any grant money left over from the California Water Resource Grant, there is a chance that they may also help pay for phase 3, but at this time that has not been decided.


11. Projected Board of Supervisor Date (if applicable): May 17, 2022

MEMORANDUM

- 3 -

April 7, 2022

TO: Board of Supervisors/Purchasing Agent
RE: Sole Source Procurement – Hydrolynx Systems, Inc.
Request for Alert 2 High Data Rate Transmitter

| | | |
|---|-------------|-----------|
|  | Jason Uhley | 4/11/2022 |
| Department Head Signature <i>(Or designee)</i> | Print Name | Date |

The section below is to be completed by the Purchasing Agent or designee.


Purchasing Department Comments:

| | | |
|---------|--------------------------|------------|
| Approve | Approve with Condition/s | Disapprove |
|---------|--------------------------|------------|

Condition/s:

Not to exceed:

- One-time \$ 88,484.00
- Annual Amount \$ _____ / per fiscal year through _____ (date)
(If Annual Amount Varies each FY)
- FY _____ : \$ _____
- FY _____ : \$ _____
- FY _____ : \$ _____
- FY _____ : \$ _____
- FY _____ : \$ _____

| | | | |
|---|--------------------------------------|---|--------|
|  | Suzanna Hinckley, Assistant Director | 04/15/2022 | 22-084 |
| Purchasing Agent | Date | Approval Number <i>(Reference on Purchasing Documents)</i> | |

List Attachments:

SC:mc
P8/243239