

BEFORE THE BOARD OF COUNTY COMMISSIONERS  
FOR COLUMBIA COUNTY, OREGON

In the Matter of a Sole Source  
Procurement for the Purchase of Orion  
Damage Assessment Software from  
Futurity, Inc.

ORDER NO. 14-2020

WHEREAS, Section 6.c of the Columbia County Public Contracting Ordinance authorizes the Board of County Commissioners to award a contract for goods and services without competition when the Board determines by order that the goods or services or class of goods or services are available from only one source; and

WHEREAS, ORS 279B.075 and OAR 137-047-0275 authorize a local government to approve a sole source procurement upon finding that: (1) the efficient utilization of existing goods requires the acquisition of compatible goods or services; (2) that the goods or services required for the exchange of software or data with another public or private agency are available from only one source; (3) that the goods or services are for use in a pilot or experimental project; or (4) other findings that support the conclusion that the goods or services are available from only one source; and

WHEREAS, the Columbia County Emergency Management Department (the "Department") intends to purchase software for disaster preparedness and damage assessment; and

WHEREAS, as described in the report of the Department's Director, which is attached hereto as Exhibit A and incorporated herein by this reference, the Orion software as a service (SaaS) solution, developed by Futurity, Inc., is the only product that combines disaster pre-planning with field collection of post-disaster data; and

WHEREAS, the Orion solution also operates on the vast majority of smart devices on the market and is the only system that does not require 100% internet connectivity, making it particularly useful in rural areas of the County with little or no connectivity or during periods when communications infrastructure is down; and

WHEREAS, the County currently collects and reports damage assessment data manually, which is time-consuming, inefficient and can reduce reimbursement from federal and state disaster recovery resources; and

WHEREAS, Orion would allow for more efficient and effective use of County resources to collect damage assessment data and obtain disaster recovery reimbursement;

WHEREAS, for the reasons set forth above and in Exhibit A, the Department therefore requests a sole source procurement for the Orion SaaS by Futurity, Inc.;

NOW, THEREFORE, THE BOARD OF COUNTY COMMISSIONERS HEREBY ORDERS, as follows:

1. The Board finds that a sole source procurement of the Orion SaaS by Futurity, Inc., as described in Exhibit A, meets the requirements of the County's public contracting rules because the product is only available from one source;
2. Exhibit A and the above recitals are hereby adopted in support of the Board's decision; and
3. The sole source procurement for Futurity's Orion SaaS is approved.

DATED this 19 day of February, 2020.

Approved as to form

By: [Signature]  
Office of County Counsel

BOARD OF COUNTY COMMISSIONERS  
FOR COLUMBIA COUNTY, OREGON

By: [Signature]  
Alex Tardif, Chair

By: [Signature]  
Margaret Magruder, Commissioner

By: [Signature]  
Henry Heimuller, Commissioner



Date: 09 December 2019

To: Robin McIntyre

From: Steve Pegram

Subj: Orion Pre-Planning & Damage Assessment Tool Sole Source Purchase

**Requested Action**

Approve the sole source purchase of the Orion Damage Assessment and reporting SaaS (software as a service) software.

**Cost** Year 1: \$6750.00. This includes provisioning, setup, and training.  
Year 2: \$3750.00.

**Funding Source** HSEMC

**Why Requested**

Orion is the only system extant that combines pre-planning, field collection of data post-disaster using common mobile devices (cell phones and tablets) and pre-populates damage information into FEMA Project Worksheets.

Columbia County currently tracks damages manually. The damage information is then manually entered into FEMA Project Worksheets. This is very time consuming, inefficient, and greatly increases the error rate which causes rework and reduces reimbursement to the effected jurisdiction.

**Unique Combination of Capabilities and Capacity**

1. Orion works on Apple, Android and Windows mobile phones, tablets and e-readers (constituting over 96% of the smart device market) to collect damage assessment details following an incident. Orion is the only system that does this in a disconnected manner (not requiring 100% Internet connectivity all of the time), while also using GPS and camera capabilities of the device to enhance data collection.
2. Incident specific JIT (Just in Time) training for damage assessment data collection takes only about 30 minutes.
3. Orion allows jurisdictions to tie into tax assessment data to provide more sophisticated damage estimates and data accuracy, as well as giving the ability to collect damage information on residential properties, public buildings and infrastructure, agricultural damages, and business / commercial damages.

4. A cloud-based server collects mobile damage assessment information, as well as provides the ability to enter assessment information directly using a web browser. All data is constantly aggregated and tallied to reveal the most up-to-date damage numbers.
5. A variety of reports are available to quickly identify the scope and level of damage, particularly in terms of residential damage (for individual assistance) and public infrastructure (for public assistance). These reports can be printed and can also be exported to Microsoft Excel or Adobe PDF documents for additional reporting and analysis. Web-based mapping of damage for situational awareness for response and recovery efforts and task delegation.
6. Multiple-level and role-based security allow the system administrators stakeholder access and enhance the sharing of real time information to decision makers.
7. The system is extremely cost effective, including eliminating the need for the jurisdiction to purchase and maintain central server software. A simple licensing structure includes everything necessary for a jurisdiction to own and operate the system and distribute the mobile application on up to 1,000 mobile devices, as well as ongoing training, support, hosting, and updates.
8. The Citizen Self-Reporter enables citizens to initiate the damage reporting process via a hosted webpage provided as part of the Orion Solution. A hotlink is provided for your website, by clicking on the link the Self-Report webpage opens up and using a simple 1-2-3 step process citizens fill out and report their damage to start the assessment process. The data is then queued in Orion for EOC review and acceptance into a current disaster incident. The Self-Reporter enables citizens to start the damage assessment process and relieves the EOC of the time consuming process of collecting information over the phone.
9. Orion's planning capabilities provide data collection for a variety of planning uses including wild fire preplans, tracking of distressed properties, vulnerable population needs, and public infrastructure tracking.
10. Orion auto-fills all required FEMA documentation and reports including geocoding locations and photographs. System supports export to Excel, Word, or PDF.
11. Orion automates the following forms:
  - FEMA Preliminary Damage Assistance Report (PDA)
  - Individual Assistance Summary
  - Public Assistance Summary
  - SBA Summary
  - Special Needs Households Report
  - FEMA PA Applicant Worksheet
  - Request for Public Assistance (FEMA 90-49)
  - Red Cross 5233 Damage Assistance Summary
  - FEMA PDA Report
  - PA Project Worksheet (FEMA 90-91)
  - Special Considerations (FEMA 90-120)
  - PNP Facility Questionnaire (FEMA 90-121)
  - Force account labor summary record (FEMA 90-123)

Materials summary record (FEMA 90-124)  
Rented equipment summary record (FEMA 90-125)  
Contract work summary record (FEMA 90-126)  
Force account equipment summary record (FEMA 90-127)  
Applicant's benefits calculation worksheet (FEMA 90-128)  
Export to Excel, Word, or PDF

Orion is the only system with this combination of required capabilities. It is currently in use in 27 States.

Semper Paratus,

*Steve Pegram*

Steve Pegram  
Director  
Columbia County Office of Emergency Management