



**November 13, 2019**

**To:** Finance and Administration Committee  
**From:** Darrell E. Johnson, Chief Executive Officer  
**Subject:** Agreement for Cloud Disaster Recovery Solution

**Overview**

As part of the Orange County Transportation Authority's Fiscal Year 2019-20 Budget, the Orange County Transportation Authority's Board of Directors approved expenditures for a cloud disaster recovery solution. Bids were received in accordance with the Orange County Transportation Authority's procurement procedures for materials and equipment. Board of Directors' approval is requested to execute the agreement.

**Recommendation**

Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-9-1543 between the Orange County Transportation Authority and Thomas Gallaway Corporation, doing business as Technogent, in the amount of \$985,638, for a cloud disaster recovery solution for a five-year term.

**Discussion**

The Orange County Transportation Authority (OCTA) requires a cloud-based disaster recovery solution to be used as an alternate location for its mission-critical applications in case of a disaster. The purpose of the cloud disaster recovery solution is to allow OCTA's Information Systems (IS) Department to re-establish its mission-critical computer-based systems at an alternate location if its primary data center becomes disabled.

In the event of a loss of connectivity to OCTA's primary data center, OCTA would be able to restore data center operations in the cloud-based disaster recovery solution with its existing data and continue data center operations until connectivity to the primary data center is restored.

OCTA's Continuity of Operations Plan (COOP) establishes mission essential functions to be performed or resumed during an emergency or disruptive event. IS staff conducted market research and compared various cloud disaster

recovery solutions. To meet and exceed OCTA's current COOP, staff is seeking to utilize Datrium's disaster recovery solution to fully protect OCTA in the event of a serious loss of connectivity to its primary data center.

The Datrium disaster recovery solution will allow OCTA to replicate its critical operations data to the cloud, and then continuously replicate changed data in near real-time, thereby ensuring that the cloud copies always remain current should a recovery event occur. An additional benefit of the Datrium disaster recovery solution includes reduced band-width requirements as data is compressed, deduplicated, and encrypted prior to being replicated to the cloud.

### ***Procurement Approach***

This procurement was handled in accordance with OCTA's Board of Directors approved procedures for materials and equipment greater than \$50,000. These procedures, which conform to both federal and state requirements, require that contracts are awarded to the lowest responsive, responsible bidder after a sealed bidding process.

Invitation for Bids (IFB) 9-1543 was released on August 14, 2019, through OCTA's CAMMNET system. The project was advertised on August 14 and 21, 2019, in a newspaper of general circulation. On September 4, 2019, one bid was received and publicly opened.

As per OCTA's policies and procedures for a single bid, staff contacted six firms who received the IFB to inquire why each firm did not submit a bid. Two firms indicated that they were not authorized resellers of Datrium and, therefore, could not submit a bid. One firm indicated that it was an authorized reseller of Datrium; however, it did not elect to submit a bid. The remaining three firms did not respond.

Procurement documents and feedback received from the three out of six firms was forwarded to the Internal Audit (IA) Department so that agreed-upon procedures could be applied to determine whether adequate outreach was conducted to stimulate competition. IA's report indicated the procurement process complied with Contracts Administration and Materials Management procedures to ensure adequate outreach.

The one bid received was reviewed by staff from both Contracts Administration and Materials Management and IS departments to ensure compliance with the contract terms and conditions, and technical specifications.

The recommended firm's bid is slightly lower than the independent cost estimate from OCTA's IS project manager and, therefore, considered to be fair and reasonable.

#### **Fiscal Impact**

The project was approved in Orange County Transportation Authority's Fiscal Year 2019-20 Budget, Finance and Administration/IS, Account 1284-7519-A5352-18P, and is funded through local funds. The funding for each year will be included within that fiscal year's budget.

#### **Summary**

Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-9-1543 between the Orange County Transportation Authority and Thomas Gallaway Corporation, doing business as Technogent, in the amount of \$985,638, for cloud disaster recovery solution for a five-year term.

#### **Attachment**

None.

#### **Prepared by:**



Michael Beerer  
Senior Section Manager, Information  
Systems  
(714) 560-5352

#### **Approved by:**



Andrew Oftelie  
Chief Financial Officer  
Finance and Administration  
(714) 560-5649



Virginia Abadessa  
Director, Contracts Administration and  
Materials Management  
(714) 560-5623