Chandler · Arizona
Where Values Make The Difference

PURCHASING ITEM FOR COUNCIL AGENDA

1. Agenda Item Number: 71

2. Council Meeting Date: September 15, 2016

TO: MAYOR AND COUNCIL

THROUGH: CITY MANAGER

3. Date Prepared: August 19, 2016

4. Requesting Department: Administrative Services

5. SUBJECT: Purchase of Distributed Denial of Service (DDoS) Attack Protection Service

6. RECOMMENDATION: Staff recommends City Council approve the utilization of the State of Arizona Contract No. ADSPO15-096675, with Level 3, for DDoS protection services, in the amount of $60,000.

7. BACKGROUND/DISCUSSION:

Distributed Denial of Service (DDoS) attacks are computer based hacking attacks over the Internet that flood Internet connections with traffic and cause service availability outages to external facing web services and systems. The City of Chandler was subjected to one of these attacks in March of 2015, which brought down our external facing web services and employee access to the Internet for about 2.5 hours. There are technology providers who provide services to protect the City's Internet connections from these attacks and allow for City services to continue uninterrupted. These DDoS protection services capture and scrub away the bad attack traffic before reaching City routers and firewalls and then sends Chandler clean and wanted traffic destined for our external facing web servers.

This need was identified in the FY16-17 budget process jointly between Law and Information Technology and a decision package was submitted, approved, and adopted utilizing ongoing funding in the Insured Liability Self Insurance Fund.

City staff has spent considerable time reviewing options for this service and recommend utilizing the services of Level 3. They provide the most robust solution and best value for the cost. The City currently utilizes Level 3 for Internet connectivity. This service is renewable annually.

8. EVALUATION: The State of Arizona competitively solicited and awarded a contract for carrier and broadband provider services. The City has a current Intergovernmental Agreement with the State of Arizona allowing for the cooperative use of the State's contracts.

Staff recommends cooperative use of this contract because of the benefit of higher discounts due to the combined large volume purchases. The term of the State's contract is July 1, 2015, through June 30, 2020.

9. FINANCIAL IMPLICATIONS:

Cost:	$60,000
Savings:	N/A
Long Term Costs:	$60,000 annually

Acct. No.:	Fund:	Program Name:	CIP Funded:	Funds:
737.1310.5346.000000	Insured Liability Self Insurance	No Program	No	$ 60,000

10. PROPOSED MOTION: Move City Council approve the utilization of the State of Arizona Contract No. ADSPO15-096675, with Level 3, for DDoS protection services, in the amount not to exceed $60,000.

ATTACHMENTS: None.

APPROVALS	
11. Requesting Department Steven Philbrick, Chief Information Officer	**13. Department Head** Debra Stapleton, Administrative Services Director
12. Procurement Officer Carolee Stees, CPPB	**14. City Manager** Marsha Reed