

FINANCIAL IMPACT STATEMENT For Council Action Items

(Deliver original to Financial Planning Division. Retain copy.)

1. Name of Initiator Roger Hediger		2. Telephone No. (503) 823-6021	3. Bureau/Office/Dept. Water / Security
4a. To be filed (date) July 29, 2010	4b. Calendar (Check One) Regular <input type="checkbox"/> Consent <input checked="" type="checkbox"/> 4/5ths <input type="checkbox"/>	5. Date Submitted to FPD Budget Analyst: July 29, 2010	

1) Legislation Title: Accept a grant in the amount of \$125,000 from the U.S. Department of Homeland Security for hardening critical Water Bureau infrastructure.

2) Purpose of the Proposed Legislation: Purchases \$125,000 of Cyberlock cores and keys. Use in the Water Bureau will retire current cores and keys, utilize existing lock system hardware, while providing for a higher security level of lock. Also, allows the capture of access information, such as egress at remote Bull Run Watershed gates. The cores do not require a power source, are interchangeable with existing lock hardware throughout the Water Bureau, and can replace cores in padlocks, as well as door locks. The cores are powered by a battery in the Cyberlock key, which receives individual lock history when used in a core, and transmits this data to a Water Bureau access database. Keys can be programmed for specific locks, hours, and days of use. Access data for the Bull Run Watershed can be shared with our U.S. Forestry partners. The grant will provide sufficient lock cores to upgrade all critical Water Bureau sites, with keys made available for those with access needs. Access data can be provided to management as required. Data tracking and hardware installation will be carried out by existing personnel within the Security Section of the Water Bureau.

3) Revenue:

Will this legislation generate or reduce current or future revenue coming to the City? If so, by how much? If new revenue is generated please identify the source. Not applicable.

4) Expense:

What are the costs to the City as a result of this legislation? What is the source of funding for the expense? There is a pre-existing, ongoing \$600 per annum software support contract expense, and prior to receiving the grant, the Water Bureau purchased and installed web authorizers associated with current use of Cyberlock products. This was already an expense of Water Bureau Security. The grant creates no new expenses, beyond the grant funded purchase of Cyberlock cores and keys.

Staffing Requirements:

5) Will any positions be created, eliminated or re-classified in the current year as a result of this legislation? No.

6) Will positions be created or eliminated in future years as a result of this legislation? No.

Complete the following section if you are accepting and appropriating a grant via ordinance. This section should only be completed if you are adjusting total appropriations, which currently only applies to grant ordinances.

7) Change in Appropriations

Fund	Fund Center	Commitment Item	Functional Area	Funded Program	Grant	Sponsored Program	Amount
217001	WAAD000003		PUCSSSA0000BW	Water Bureau Lock Upgrade	Homeland Security		\$125,000

David Shaff _____

APPROPRIATION UNIT HEAD



Randy Leonard, Commissioner
David G. Shaff, Administrator
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Portland, Oregon 97204-1926
Information: 503-823-7404
www.portlandonline.com/water

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DATE: July 16, 2010
TO: Commissioner Randy Leonard
FROM: David G. Shaff, Administrator
RE: Accept a grant in the amount of \$125,000 from the U.S. Department of Homeland Security for hardening critical Water Bureau infrastructure (Ordinance)

1. **INTENDED THURSDAY FILING DATE:** July 29, 2010
2. **REQUESTED COUNCIL AGENDA DATE:** August 4, 2010
3. **CONTACT NAME AND NUMBER:** Roger Hediger, (503) 823-6021
4. **PLACE ON:** ☒ **CONSENT** ☐ **REGULAR**
5. **BUDGET IMPACT STATEMENT ATTACHED:** ☒ **Y** ☐ **N** ☐ **N/A**
6. **THREE (3) ORIGINAL COPIES OF CONTRACTS APPROVED AS TO FORM BY CITY ATTORNEY ATTACHED:** ☐ **Yes** ☒ **No** ☐ **N/A**

7. BACKGROUND/ANALYSIS:

Accepting this grant in the amount of \$125,000 from the U.S. Department of Homeland Security for hardening critical Water Bureau infrastructure allows the upgrading of the Water Bureau lock system to the Cyberlock product. The grant money provides for the purchase of keys and interchangeable lock cores, sufficient to rekey critical Water Bureau sites and the Bull Run Watershed perimeter gates. The Cyberlock key system will function regardless of power outages.

The key/lock system for the Water Bureau is its frontline of security and the current lock system has been in use for seventeen years. During that time period keys have been lost, which results in questionable security of our sites. In planning for a replacement system, the Cyberlock system was tested and found to have features that were not previously available for lock systems.

The Cyberlock key can not be duplicated and is electronic, powered by a replaceable battery. The key provides the power for the lock, and both key and lock contain a microprocessor that shares history of key and lock usage. If the key is authorized for that lock, the lock will release and the key can be turned. History of usage is moved between each key and lock as the key is used throughout the system.

Key/lock authorization is entered into a database, similar to card key systems. The keys receive their updated capabilities during routine authorizations at one of seven locations in the Water

Bureau area. Histories of key and lock usage are automatically downloaded to our key management system, enabling the production of information reports for managers.

The Cyberlock core is interchangeable with our existing core system, and takes less than a minute for a core exchange by Water Bureau personnel. This also enables us to track entry at the various gates of the 147 square mile Bull Run Watershed. In the past, duplicate keys for the old lock system have been recovered for this resource area. With the Cyberlock system, access information can be obtained without the need to supply electricity or a data line to the individual Bull Run gates.

Users, such as contractors, can be provided with a key which will only work at specified locations within scheduled time parameters. Lost keys, can be rendered harmless by placing a command at locks vulnerable to that particular key, or the lost key will eventually time out at the end of its standard authorization period.

8. FINANCIAL IMPACT:

The cost of the materials for lock and key replacement work for critical infrastructure sites is \$125,000. Council approval will allow the Water Bureau to accept the \$125,000 award from the U. S. Department of Homeland Security.

9. RECOMMENDATION/ACTION REQUESTED:

Council authorizes acceptance of the \$125,000 grant from the U.S. Department of Homeland Security, acting by and through the Oregon Department of Emergency Management.

Funds are available _____

William Sinnott, Security and Emergency
Manager

David G. Shaff, Administrator