City of Waltham

Jeannette A. McCarthy
Mayor

CITY OF WALTHAM
CITY CLERK'S OFFICE
2017 DEC 21 A 11:41
RECORDED

December 21, 2017

TO: The City Council
RE: Appropriation Request – Engineering – Water Security Equipment Upgrades

Dear Councillors:

I respectfully request funding in the total amount of $33,340.00 for the procurement of security equipment upgrades for several water infrastructure facilities - water booster pump station and water tanks located at Prospect Hill East, Prospect Hill West and the Cedarwood Tank.

The request for funding is allocated as follows:

1. Acceptance of a MIIA Risk Management Grant of $5,000.00
2. Appropriation of $28,340.00 from Water Retained Earnings #610-450-3590-3590 to Water-Security System #610-452-5800-6423

Attached is a copy of a memo dated December 19, 2017 that was received from City Engineer Steve Casazza. Mr. Casazza will be available to answer questions concerning this request.

Sincerely,

Jeannette A. McCarthy
JAM/ccb
Enclosure
cc: Steve Casazza
Michael Chiasson

CITY OF WALTHAM
Engineering Department

Stephen A. Casazza, P.E.
City Engineer

MEMORANDUM

To: Mayor Jeannette A. McCarthy

From: Stephen Casazza, P.E., City Engineer

Date: December 19, 2017 SAC

Re: Request for Grant Acceptance and Funding – Security Upgrades at the Water Pump Station and Water Storage Tank facilities

Copy: Paul Centofanti, City Auditor
Ginny Bergin, Assistant City Auditor

I respectfully request an appropriation to fund the procurement of security equipment upgrades for the Water Infrastructure Facilities at the Water Booster Pump Station and the Water Tanks (Prospect Hill East, Prospect Hill West and the Cedarwood Tanks) for $33,340.00.

We respectfully request a grant of $5,000.00 from the Massachusetts Interlocal Insurance Association (MIIA) Risk Management Program be accepted as part of this funding appropriation.

The remaining balance of the funding need is available in the Water Retained Earnings account.

MIIA Risk Management Grant	$ 5,000.00
Water Retained Earnings (610-450-3590-3590)	$ 28,340.00
Total:	$ 33,340.00

This upgrade of the security equipment will help to minimize unauthorized intrusions and other potential risks that could arise at these locations. Installation of the camera system will enable the Water Department to improve the alarm assessment capabilities to determine appropriate responses. These measures will reduce the vulnerability of the City of Waltham's water supply by adding protections to address safety concerns and vandalism problems. Copies of the quotes are attached.

I am available to discuss this request at x3830 should you have any questions.

SC/jhm

Engineering Department
119 School Street
Waltham MA 02451
TEL: (781) 314-3830 FX: (781) 314-3844
scasazza@city.waltham.ma.us

MIIA Grant Statement

City of Waltham

12/8/2017
8:50:40 AM

					Grand Total:	$10,000	$5,000
Grant ID	Department	Category	Purpose	Status	Requested	Awarded
RM246	Engineering	General Liability- Facility Security/Emergency Plans	Access Control Panel/Camera Surveillance	Yes	$10,000	$5,000

LOOKOUT SECURITY SYSTEMS, INC.

...Looking out for what means most to you!

Burglar Alarm Systems
Fire Alarm Systems
Fire Protection/ Sprinkler Systems
Access Control
Camera Surveillance
Environmental Systems
Intercom Systems

DATE: October 19, 2017

TO:

City of Waltham
169 Lexington Street
Waltham, MA 02452
Attn: Ian McKenzie
Tel: 781-314-3852
Email: imckenzie@city.waltham.ma.us

JOB LOCATION:

Pumping Station
South Street
Waltham, MA 02452

RE: Burglar Alarm and Access Control System Upgrade Proposal

Lookout Security Systems, Inc. proposes to provide the labor and materials necessary in order to complete the installation/upgrade of the Burglar Alarm and Access Control System located at the pumping station on South Street, Waltham, MA.

This proposal is comprised of replacing the existing Burglar Alarm Control Unit, keypad, and will wire into all perimeter doors and motion sensors that are currently installed.

Additionally we will provide one proximity access control card reader located outside the main entrance door. It will be controlled and managed by the Paradox System.

This system can be controlled through a smartphone via an internet connection.

The following will be installed:

(1)	EV0192	Paradox Digital Addressable Burglar Alarm and Access Control
(1)	ACM12	Paradox Single door Access Control Panel
(2)	TRN1640	Transformer 16 VAC power supply
(2)	DC12	12/5 VDC Battery Backup/Rechargeable
(1)	K641	Paradox LCD Keypad
(1)	R910	Paradox Proximity Readers
(1)	ZX8	Paradox 8 zone expansion module
(1)		Cabinet for the ZX8
(1)	IP150	Paradox Internet Connection Module for Internet Access

TOTAL INSTALLATION PRICE: $4,600.00

- **Customer will provide a live working Internet connection.**
- **Customer is responsible for 12VDC electric locking hardware.**
- **Customer is responsible for having their IP/Computer Support Company open up port through their Fire Wall.**

LOOKOUT SECURITY SYSTEMS, INC.

...Looking out for what means most to you!

Burglar Alarm Systems

Fire Alarm Systems

Fire Protection/ Sprinkler Systems

Access Control

Camera Surveillance

Environmental Systems

Intercom Systems

Date: October 19, 2017

TO:
City of Waltham
169 Lexington Street
Waltham, MA 02452
Attn: Ian McKenzie
Tel: 781-314-3852
Email: imckenzie@city.waltham.ma.us

JOB LOCATION:
Pumping Station
South Street
Waltham, MA 02452

RE: CAMERA SURVEILLANCE PROPOSAL

Lookout Security Systems, Inc. proposes to provide the materials and labor necessary in order to complete the installation of a Hunt Network Video Camera Surveillance System located at the pumping station on South Street, Waltham, MA..

The installation will be comprised of installing (4) new 5 Megapixel Internet Protocol Cameras to be controlled and monitored through the Hunt Network Video Recording Solution. Two outdoor cameras, (1) looking at the front entrance door and (1) looking at the double large doors adjacent to the front door, (1) camera in the inside main entrance and (1) camera outside rear entrance.

The following will be installed:

1	HNR32P8-8-8T	Hunt Rack Mount Network Video Recorder, 8 Terabyte Hard Drive
4	HNC-305-TD	Hunt color, vandal resistant, 5 Megapixel, Internet Protocol Cameras

Installation Price $5,700.00

- **Customer will supply lift, power strip/UPS, monitor, network connection, and secure location for Network Video Recorder.**

LOOKOUT SECURITY SYSTEMS, INC.

...Looking out for what means most to you!

Burglar Alarm Systems • Fire Alarm Systems • Fire Protection/ Sprinkler Systems • Access Control • Camera Surveillance • Environmental Systems • Intercom Systems

Date: October 25, 2017

TO:
City of Waltham
169 Lexington Street
Waltham, MA 02452
Attn: Ian McKenzie
Tel: 781-314-3852
Email: imckenzie@city.waltham.ma.us

JOB LOCATION:
Cedarwood Water Tank
Brandeis Campus
South Street
Waltham, MA 02452

RE: CAMERA SURVEILLANCE PROPOSAL

Lookout Security Systems, Inc. proposes to provide the materials and labor necessary in order to complete the installation of a Hunt Network Video Camera Surveillance System located at the Cedarwood Water Tank on Brandeis Campus, Waltham, MA..

The installation will be comprised of installing (2) new 5 Megapixel Internet Protocol Cameras to be controlled and monitored through the Hunt Network Video Recording Solution. Two outdoor cameras, (1) looking at the gate to the water tank and (1) looking down the driveway both mounted to the plywood platform mounted right above the vault.

The following will be installed:

1	HNR32P8-8-8T	Hunt Rack Mount Network Video Recorder, 8 Terabyte Hard Drive
2	HNC-305-TD	Hunt color, vandal resistant, 5 Megapixel, Internet Protocol Cameras
1		Weatherproof cabinet

Installation Price $4,400.00 x 3 Tanks Cedarwood Prospect Hill E Prospect Hill W

$13,200.00

- **Customer will provide a live working Internet connection.**
- **Customer will configure their internet router for remote access viewing and control.**
- **Customer will provide 120 VAC – non dedicated outlet.**

200 Dexter Avenue • Suite I • Watertown, MA 02472 • Tel: 617.923.2576 • Fax: 617.923.7543 • MA Lic. # C1593
www.lookoutsecurity.com

LOOKOUT SECURITY SYSTEMS, INC.

...Looking out for what means most to you!

Burglar Alarm Systems • Fire Alarm Systems • Fire Protection/ Sprinkler Systems • Access Control • Camera Surveillance • Environmental Systems • Intercom Systems

DATE: October 25, 2017

TO:

City of Waltham
169 Lexington Street
Waltham, MA 02452
Attn: Ian McKenzie
Tel: 781-314-3852
Email: imckenzie@city.waltham.ma.us

JOB LOCATION:

Cedarwood Water Tank
Brandeis Campus
South Street
Waltham. MA 02452

RE: Burglar Alarm System Upgrade Proposal

Lookout Security Systems, Inc. proposes to provide the labor and materials necessary in order to replace the existing Burglar Alarm System located at the Cedarwood Water Tank on Brandeis Campus, Waltham, MA.

This proposal is comprised of replacing the existing Burglar Alarm Control Unit, keypad, and will wire into all perimeter doors and any other viable detection devices that are currently installed.

This system can be controlled through a smartphone via an internet connection.

The following will be installed:

(1)	EV0192	Paradox Digital Addressable Burglar Alarm and Access Control
(1)	TRN1640	Transformer 16 VAC power supply
(1)	DC12	12/5 VDC Battery Backup/Rechargeable
(1)	K641	Paradox LCD Keypad
(1)	IP150	Paradox Internet Connection Module for Internet Access

TOTAL INSTALLATION PRICE: $2,800.00

24 Hour Monthly Monitoring

24 Hour Basic Burglar Alarm Monitoring is just $40.00 per month, billed annually for $480.00 and is provided by USA Central Station of Milford, CT.

Annual Basic Burglar Alarm Monitoring Price $480.00

Fire Alarm Detection	**$2,800.00**
24 Hour Monitoring (1st Year)	**$480.00**
Total Installation Price	**$3,280.00** x 3
	$9,840.00

Tanks
Cedarwood
Prosp. Hill E
Prosp. Hill W

- **Customer will provide a live working Internet connection.**
- **Customer will supply two working phone lines for monitoring of the Fire Alarm system.**

200 Dexter Avenue • Suite I • Watertown, MA 02472 • Tel: 617.923.2576 • Fax: 617.923.7543 • MA Lic. # C1593
www.lookoutsecurity.com