

---

**CITY OF TEMPE**  
**REQUEST FOR COUNCIL ACTION**

**Council Meeting Date: 12/08/2016**  
**Agenda Item: 5B2**

---

**ACTION:** Approve an increase in the contract amount with mk Solutions, Inc. for the purchase and installation of a Radio Frequency Identification security system for the Tempe Public Library.

**FISCAL IMPACT:** Total revised spending for this contract will not exceed \$348,749.45 which represents an increase of \$12,050. Sufficient funds are available in General Fund cost centers 2440 (Library) and 2445 (Library Public Access Printing), and General Governmental Capital Improvement Project Fund cost center 670629 (Library Software Upgrade) for the anticipated expenditures.

**RECOMMENDATION:** Approve the contract increase.

**BACKGROUND INFORMATION:** (RFP 15-035) The City Council awarded this contract on November 12, 2015 which provided for the purchase and installation of a Radio Frequency Identification (RFID) security system and an automated materials handling system for the Tempe Public Library. The initial twenty (20)-month contract period accounts for the implementation of the system followed by a one-year warranty period. Upon the expiration of the warranty period, the City may renew the agreement in annual increments not to exceed a total of five (5) years.

During a recent overview, the Library has determined that a second RFID security gate is needed. This additional gate was not anticipated when the RFP was issued last year, although unit pricing for the gate system was established as part of the original award.

Below are pictures and descriptions of the RFID security gate:



- Sets off alarm with activated items only on outgoing patrons and not on ingoing patrons.
- The antennas can be adjusted to individual environments and circumstances.
- Designed for environments where aesthetics are a key factor, the crystal version couples a sleek and high quality acrylic panel with high performance electronics to achieve a best in breed RFID security system.
- Gates are equipped with Digital Signal Processing (DSP), the newest standard to provide an optimized 3D-detection of all RFID tags.
- Operational performance centrally managed by mk LibManager software (included).
- Opening between each pedestal up to 120 cm (47"). Best performance at 95 cm (37.5").

Pricing

The following matrix provides the cost for the required RFID security gate:

<b>Line Item</b>	<b>Description</b>	<b>Unit Price</b>	<b>Qty</b>	<b>Extended Amount</b>
1.	Mk RFID Gate – Dual Technology: RFID Antennas: Three People Counter: Yes, Bi-Directional	\$8,500.00	1	\$8,500.00
2.	Shipping (includes packaging)	\$1450.00	1	\$1,450.00
3.	Installation (onsite)	\$1,850.00	1	\$1,850.00
4.	Training of Staff (During site visit)	\$250.00	1	\$250.00
			<b>TOTAL</b>	<b>\$12,050.00</b>

**ATTACHMENTS:** RFID gate proposal from mk Solutions.

**STAFF CONTACT(S):** Dave Heck, Deputy Internal Services Director - Information Technology Division, (480) 350-8777;  
Shelley Hearn, Community Services Director, (480) 350-8906

Department Director: Renie Broderick, Internal Services Director  
Legal review by: David Park, Assistant City Attorney  
Prepared by: Donovan Goldtooth, Procurement Officer