




Planning, Development & Transportation

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DATE: July 24, 2014
TO: Gerry Paul – Director of Purchasing and Risk Management
FROM: Erika Keeton – Special Projects Engineer 
CC: Kathleen Walker – Transfort
RE: Hy Security Gate Fabrication and Installation

As part of the MAX BRT project, the City procured and installed 15 Hy Security Gate systems which included the gate operator, remote control, battery backup and integration to opticom activation at various intersections.

During the FTA's Operational Hazard Analysis (OHA) review process, Transfort staff discovered that access to the BRT guideway was unimpeded via the main drive entrance to the South Transit Center. The FTA advised the City that a temporary work around was necessary to prevent access at this location until a permanent solution could be identified. Since the BRT operational date in May 2014, the work around has been to install a temporary "road closed" barricade at this location. Transfort now desires to install a single Hy Security gate at this location matching installation across the BRT guideway system.

Through this sole source acquisition request, we are asking for approval to utilize the same vendor and installation contractor that installed the BRT guideway gates and use the same Hy Security product. This request is being made with the following justification.

1. The BRT guideway installation contractor (Wizard Works) is a licensed Hy Security installer and is familiar with the guideway installations thus making a matching installation simple and cost effective for the City.
2. The Hy Security gate system is 100% Buy America compliant.
3. The gate, as designed, matches the arm length and materials Transfort already maintains as spare parts.
4. The Hy Security system matches the guideway gates and parts available to Transfort thereby minimizing the need for other parts and maintenance contractors.
5. The control of the Hy Security system is being implemented remotely for the guideway gates. This gate would be added to the system with matching functionality.
6. Control of this single Hy Security gate would be through opticom control. The BRT and regular Transfort fleet are already equipped with opticom transmitters thus making the installation consistent across the community and BRT system.
7. Transfort staff has been trained on maintenance procedures for the Hy Security gate system and are familiar with its operations. Limiting the amount of gate systems for maintenance and operational considerations is a direct benefit to Transfort personnel.

The Hy Security system and installation requirements at the South Transit Center are estimated to cost \$55,436. A formal independent cost estimate is attached to this memorandum. If you need further information regarding this request, please do not hesitate to contact me directly. Thank you for your consideration of this matter.



Independent Cost Estimate

Date of Estimate: 22-Jul-14
 Contract Type: Mason Corridor - STC Hard Bid
 Existing Contract or PO (Y/N): Y
 Description of Goods (A) or Services (B): STC Add Additional Hysecurity Gate
 Gate plus required conduit and foundation

I have obtained the following estimate from; MAX BRT unit prices/WCD cost and online pricing
 Published Price List / Past Pricing (date)
 Engineering or Technical Estimate (performed by) George Latour
 Independent Third Party Estimate (performed by)
 Other (specify)

Cost Estimate Details:
 (Estimate calculated in US Dollars)

| Cost of Standard Items | | | | | |
|---------------------------|-------------|----------|------|----------------------|-------------|
| Product | Unit Price | Quantity | Unit | Contract Item | Total |
| Bore 2" HDPE DR11 Conduit | \$7.62 | 300 | LF | MAX BRT | \$2,286.00 |
| 2" HDPE DR 11 Conduit | \$10.34 | 600 | LF | MAX BRT | \$6,204.00 |
| Trenching | \$4.36 | 60 | LF | MAX BRT | \$261.60 |
| 1" SCH 40 conduit | \$54.45 | 60 | LF | MAX BRT | \$3,267.00 |
| 2" SCH 40 conduit | \$10.90 | 60 | LF | MAX BRT | \$654.00 |
| 12" x 18" Vault | \$752.00 | 2 | EA | MAX BRT | \$1,504.00 |
| 1/4 gauge conductor | \$0.15 | 400 | LF | MAX BRT | \$60.00 |
| 6 gauge conductor | \$0.80 | 750 | LF | MAX BRT | \$600.00 |
| Fiber | \$6.53 | 750 | LF | MAX BRT | \$4,897.50 |
| Landscaping Repair | \$500.00 | 1 | LS | Estimated allowance | \$500.00 |
| Miscellaneous Electrical | \$1,500.00 | 1 | EA | Estimated allowance | \$1,500.00 |
| Hysecurity Gate | \$15,000.00 | 1 | EA | wcd 113gatedepot.com | \$15,000.00 |
| Gate Installation | \$15,000.00 | 1 | LS | WCD113 | \$15,000.00 |
| Class D Concrete | \$413.00 | 1 | CY | MAX BRT | \$413.00 |
| Reinforcing Steel | \$1.00 | 50 | LB | MAX BRT | \$50.00 |
| Opticom - Receiver | \$600.00 | 1 | EA | MAX BRT / WCD 113 | \$600.00 |
| Mark-up (5%) | | | | | \$2,638.86 |
| Sub-Total | | | | | \$55,435.96 |

B Cost of Services, Repairs, or Non-Standard Items

Item/Task:

| Materials or Work Description | Other Direct Costs | Rates | EA | Allocated Overhead | SC&A* | Profit | TOTAL |
|-------------------------------|--------------------|-------|----|--------------------|-------|--------|--------|
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| Sub-Total | | | | | | | \$0.00 |

Markup \$0.00
 Total Cost \$0.00

Signature of Preparer: *Mary Latour*

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Search Results

Current Search Terms: wizard* works*

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By Functional Area - Performance Information

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