



**Request for City Council Committee Action
From the Departments of Public Works and Procurement**

Date: November 21, 2006
To: Honorable Sandra Colvin Roy, Chair Transportation & Public Works Committee
Referral to: Honorable Paul Ostrow, Chair Ways & Means Committee

Subject: Approval of Official Publication No. 6680 - Bids for Building Automation Software and Hardware - Upgrades and Installation

Recommendation:

Acceptance of the bid of Uhl Company, Inc. for an estimated annual expenditure of \$ 90,000.00 to furnish and deliver building automation software and hardware, upgrades and installation, as follows:

Ramp C

| | | | | | |
|----|---------|---|----|--------|-------------|
| 1. | 1 ea | Network 8000IA DRV-ASD (Uhl) | | | \$ 1,670.00 |
| 2. | 1 ea | UNC 520-21 Network Controller/Web Browser Support | | | 3,960.00 |
| 3. | 1 ea | UNC 410-MDM 56K Internal Modem | | | 350.00 |
| 4. | 1 ea | ENT-N License for UNC Controller | | | 1,270.00 |
| 5. | 1 ea | Web XP Computer with monitor | | | 1,200.00 |
| 6. | 104 hrs | Tech/Programmer install labor | hr | 115.00 | 11,960.00 |
| 7. | 8 hrs | Electrical Labor | hr | 96.00 | 768.00 |

Ramp B

| | | | | | |
|----|---------|--|----|--------|-----------|
| 1. | 1 ea | Network 8000IA DRV-ASH (Uhl) | | | 1,670.00 |
| 2. | 1 ea | UNC 520-521 Network Controller/Web Browser Support | | | 3,960.00 |
| 3. | 1 ea | UNC 510-MDM 56K Internal Modem | | | 350.00 |
| 4. | 1 ea | ENT-N License for UNC Controller | | | 1,270.00 |
| 5. | 1 ea | MOD-GCM Upload Eclipse Upload Program | | | 450.00 |
| 6. | 1 ea | Web XP Computer with monitor | | | 1,200.00 |
| 7. | 120 hrs | Tech/Programmer install labor | hr | 115.00 | 13,800.00 |
| 8. | 8 hrs | Electrical Labor | hr | 96.00 | 768.00 |

Ramp A

| | | | | | |
|----|---------|--|----|--------|-----------|
| 1. | 1 ea | Network 8000IA DRV-ASD (Uhl) | | | 1,670.00 |
| 2. | 1 ea | UNC 520-521 Network Controller/Web Browser Support | | | 3,960.00 |
| 3. | 1 ea | UNC 41-MDM 56K Internal Modem | | | 350.00 |
| 4. | 1 ea | ENT-N License for UNC Controller | | | 1,270.00 |
| 5. | 1 ea | MOD-GCM Upload Eclipse Upload Program | | | 450.00 |
| 6. | 1 ea | Web XP Computer with monitor | | | 1,200.00 |
| 7. | 120 hrs | Tech/Programmer install labor | hr | 115.00 | 13,800.00 |
| 8. | 8 hrs | Electrical Labor | hr | 96.00 | 768.00 |

Front End Upgrades Items - Affects all 3 Ramps

| | | | | | |
|----|--------|---|----|--------|-----------|
| 1. | 1 ea | Enterprise Server License/Work Place Pro | | | 3,340.00 |
| 2. | 1 ea | Server Computer Allowance | | | 1,600.00 |
| 3. | 1 ea | Ramp Recommissioning Recommendation Implementation Costs - Programming and Hardware | | | 15,300.00 |
| 4. | 15 hrs | Programming Labor | hr | 115.00 | 1,725.00 |

Terms are net 30 days with delivery twenty (20) days after receipt of purchase order. F.O.B.: Destination.

Contingent on approval of the Civil Rights Department.

Prepared by: Gary Warnberg Director, Procurement

Approved by: Steven A. Kotke, P.E., City Engineer, Director of Public Works

Presenters: Jon Wertjes Director of Traffic and Parking Services

Permanent Review Committee (PRC) Approved _____ Not Applicable __XXX__
Policy Review Group (PRG) Approved _____ Not Applicable __XXX__

Financial Impact (Check those that apply)

No financial impact - or - Action is within current department budget.
(If checked, go directly to Background/Supporting Information)

- Action requires an appropriation increase to the Capital Budget
- Action requires an appropriation increase to the Operating Budget
- Action provides increased revenue for appropriation increase
- Action requires use of contingency or reserves
- Business Plan: Action is within the plan Action requires a change to plan
- Request provided to department's Finance Department contact when provided to the Committee Coordinator

Community Impact

Neighborhood Notification: Not Applicable
City Goals: City's infrastructure will be well maintained
Comprehensive Plan: Not Applicable
Zoning Code: Not Applicable

Background/Supporting Information:

Tabulation of one (1) bid received on Official Publication No. 6680 for Building Automation Software and Hardware - Upgrade and Installation is attached.

Please refer to the enclosed Staff Memo for additional information.

Attachments - Staff Recommendation
Tabulation Sheet

cc: J. Wertjes
W. Prince
M. Taylor/R. Nubbe

BID RECOMMENDATION FOR OP 6680

I recommend acceptance of sole bidder Uhl Company to complete this project for State Ramps A, B & C. This project involves software and hardware upgrades to the building automation system for these three ramps. Uhl was the supplier of the original system for these ramps and it will be significantly cheaper to upgrade their proprietary system than to replace with a competing system. These upgrades will make the system Microsoft XP compatible, provide better display and graphics for control loops for the ramp mechanical and electrical operating systems and make the system more compatible with a centralized monitoring system as well as provide more reliable monitoring off-site. These upgrades should enable faster discovery of problems in the operation of the ramp operating systems and enable more efficient ramp operation. A portion of the project totaling approximately \$15,000 will provide for programming and equipment changes to make the ramps more energy efficient by addressing issues uncovered by electrical recommissioning studies undertaken for the three ramps. Those items have a 2-3 year payback and are Xcel Energy rebate eligible.

Bill Prince, P.E.
Engineer-Parking Services
612-673-3901

Offl. Publ. #6680
 Bids opened 10 AM, CDST
 October 11, 2006
 Minneapolis MN

"BIDS FOR BUILDING AUTOMATION SOFTWARE AND HARDWARE - UPGRADE AND INSTALLATION" - P/W Trans

*Uth
 Company*

Ramp C

1. 1 ea Network 8000IA DRV-ASD UHL \$/ea
2. 1 ea UNC 520-21 Network Controller/Web Browser
3. 1 ea UNC 410-MDM 56K Internal Modem \$/ea
4. 1 ea ENT-N License for UNC Controller \$/ea
5. 1 ea Web XP Computer with monitor \$/ea
6. 104 hrs Tech/Programmer install labor \$/hr
7. 8 hrs Electrical Labor \$/hr

1670.00
3960.00
350.00
1270.00
1200.00
11,960.00
768.00

Ramp B

1. 1 ea Network 8000 IA DRV-ASD UHL \$/ea
2. 1 ea UNC 520-21 Network Controller Web Browser \$/ea
3. 1 ea UNC 510-MDM 56K Internal Modem \$/ea
4. 1 ea ENT-N License for UNC Controller \$/ea
5. 1 ea MOD-GCM Upload Eclipse Upload Program \$/ea
6. 1 ea Web XP Computer with monitor \$/ea
7. 120 hrs Tech/Programmer install labor \$/hr
8. 8 hrs Electrical Labor \$/hr

1670.00
3960.00
350.00
1270.00
450.00
1200.00
13800.00
768.00

Ramp A

1. 1 ea Network 8000 IA DRV-ASD UHL \$/ea
2. 1 ea UNC 520-521 Network Controller Web Browser \$/ea
3. 1 ea UNC 41-MDM 56K Internal Modem \$/ea

1670.00
3960.00
350.00