



**PURCHASING ITEM  
FOR  
COUNCIL AGENDA  
Memo No. CA08-217**

**1. Agenda Item Number:**  
**24**  
**2. Council Meeting Date:**  
March 27, 2008

**TO: MAYOR & COUNCIL**

**3. Date Prepared:** March 10, 2008

**THROUGH: CITY MANAGER**

**4. Requesting Department:** IT

**5. SUBJECT:** Award a project agreement to SDB, Inc. for Upgrade Fire Suppression in Computer Room, Project No. IT0801-401, in an amount not to exceed \$184,596.

**6. RECOMMENDATION:** Staff recommends that Council award a project agreement to SDB, Inc. for Upgrade Fire Suppression in Computer Room, Project No. IT0801-401, in an amount not to exceed \$184,596.

**7. BACKGROUND/DISCUSSION:** The existing Halon Fire suppression system is inadequate to protect the additional Information Technology computer equipment in the server room. In the event of a fire, there is a high probability that rehabilitation and down time of Information Technology services and the safety of employees would be compromised. The existing size of the server room is also inadequate to securely house all of the computer equipment. This project will replace the existing fire suppression system with an upgraded clean agent system, and expand the server room to house all of the existing equipment in one protected area.

**8. EVALUATION PROCESS:** On January 11, 2007, Council approved the award of a Job Order Contract, Number JOC 07-04, to SDB, Inc., for general contracting construction services to City facilities. The costs proposed for this project have been reviewed by City staff and are considered to be fair and reasonable based on the complexity and uniqueness of the project.

**9. FINANCIAL IMPLICATIONS:**

Cost: \$184,596  
Savings: (Replacement cost of all computer equipment)  
Long Term Costs: None  
Fund Source:

<u>Acct. No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
101.1287.0000.6212.7IT025	General Fund	Generator and Power Panel	FY 07/08	\$184,596

**10. PROPOSED MOTION:** Move that Council award a project agreement to SDB, Inc. for Upgrade Fire Suppression in Computer Room, Project No. IT0801-401, in an amount not to exceed \$184,596.

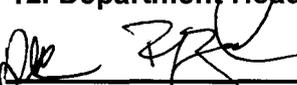
**ATTACHMENTS:** Location Map, Project Agreement

**APPROVALS**

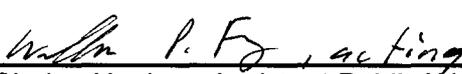
**11. Requesting Department**

  
Patrick Hait, IT/Infrastructure Manager

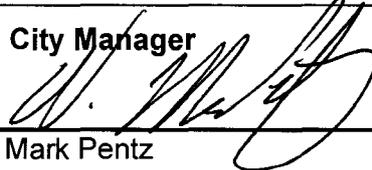
**12. Department Head**

  
R.J. Zeder, Public Works Director

**13. City Engineer**

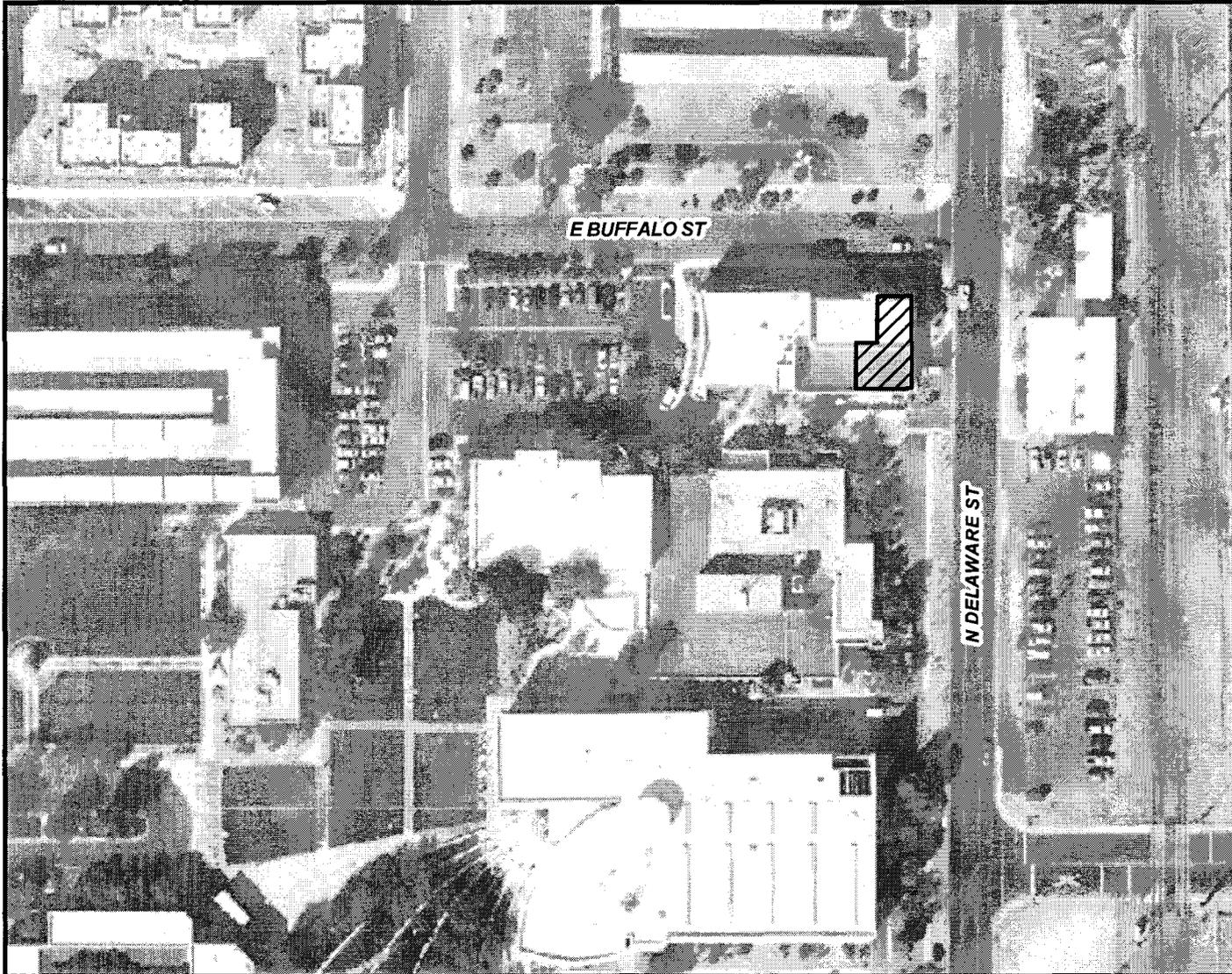
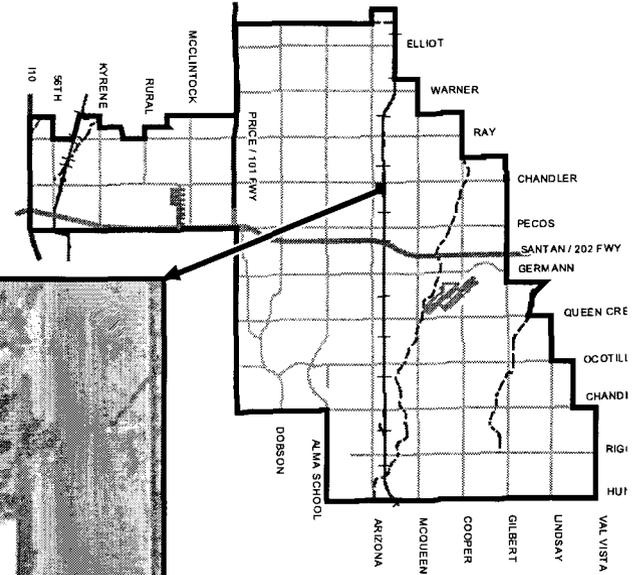
  
Sheina Hughes, Assistant Public Works Director/City Engineer

**14. City Manager**

  
W. Mark Pentz



# UPGRADE FIRE SUPPRESSION IN COMPUTER ROOM PROJECT NO. IT0801-401



**MEMO NO. CA08-217**

**LEGEND**

 PROJECT AREA





**EXHIBIT A  
SCOPE OF WORK**

JOC shall provide all labor and materials for design and construction of clean agent fire protection system and expansion of information technology server room. Design will include architectural, mechanical, and electrical work directly associated with expansion. Scope of work includes relocation of double doors and frame, ceiling removal and replacement, installation of anti static flooring, painting, construction of wire partition divider wall in server room, relocation of modular furniture, removal of Halon system, installation of clean agent system, installation of detection system, and installation of additional HVAC to cool expansion.

**EXHIBIT B  
FEE SCHEDULE**

CSI	Description	Cost
01	Division 1 - General Requirements	\$ 56,255.00
02	Division 2 - Site Construction	\$ 3,130.00
08	Division 8 - Doors & Windows	\$ 601.00
09	Division 9 - Finishes	\$ 16,140.00
10	Division 10 - Specialties	\$ 4,680.00
12	Division 12 - Furnishings	\$ 2,980.00
15	Division 15 - Mechanical	\$ 62,788.00
16	Division 16 - Electrical	\$ 11,200.00
	<b>Sub Total</b>	<b>\$ 157,774.00</b>
	<b>Coefficient 17.0%</b>	<b>\$ 28,822.00</b>
	<b>Total</b>	<b>\$ 184,596.00</b>

**DIVISION BREAKDOWN**

QUAN	CSI	Description	Unit	\$ per Unit	Total
	<b>Division 1 - General Requirements</b>				
120.0	013020	Project Manager	EA	\$ 70.00	\$ 8,400.00
160.0	013100	Superintendent	EA	\$ 55.00	\$ 8,800.00
1.0	013303	Design and engineering services	LS	\$ 19,755.00	\$ 19,755.00
1.0	013305	Reimbursables	LS	\$ 500.00	\$ 500.00
2.0	015280	Dumpster	EA	\$ 400.00	\$ 800.00
1.0	012000	Owner contingency	AL	\$ 18,000.00	\$ 18,000.00
	<b>Total - Division 1 - General Requirements</b>				<b>\$ 56,255.00</b>
	<b>Division 2 - Site Construction</b>				
1.0	020500	Architectural demolition work	LS	\$ 3,130.00	\$ 3,130.00
	<b>Total - Division 2 - Site Construction</b>				<b>\$ 3,130.00</b>
	<b>Division 8 - Doors &amp; Windows</b>				
1.0	080500	Relocate double doors and frame	LS	\$ 601.00	\$ 601.00
	<b>Total - Division 8 - Doors &amp; Windows</b>				<b>\$ 601.00</b>
	<b>Division 9 - Finishes</b>				
1.0	092600	Architectural work	LS	\$ 8,260.00	\$ 8,260.00
1.0	095100	Ceiling removal and replacement	LS	\$ 3,380.00	\$ 3,380.00
400.0	096000	Anti static flooring	SF	\$ 5.00	\$ 2,000.00
1.0	099000	Painting	LS	\$ 2,500.00	\$ 2,500.00
	<b>Total - Division 9 - Finishes</b>				<b>\$ 16,140.00</b>
	<b>Division 10 - Specialties</b>				
1.0	106150	Wire partition walls to divide server room from testing	LS	\$ 4,680.00	\$ 4,680.00
	<b>Total - Division 10 - Specialties</b>				<b>\$ 4,680.00</b>
	<b>Division 12 - Furnishings</b>				
1.0	127000	Modular furniture relocation	LS	\$ 2,980.00	\$ 2,980.00
	<b>Total - Division 12 - Furnishings</b>				<b>\$ 2,980.00</b>
	<b>Division 15 - Mechanical</b>				
1.0	153000	Removal of Halon system	LS	\$ 2,048.00	\$ 2,048.00
1.0	153000	Installation of clean agent system	LS	\$ 40,090.00	\$ 40,090.00
1.0	153000	Installation of detection system	LS	\$ 11,650.00	\$ 11,650.00
3.0	155000	HVAC - approx 3 tons of cooling for expansion	Tons	\$ 3,000.00	\$ 9,000.00
	<b>Total - Division 15 - Mechanical</b>				<b>\$ 62,788.00</b>
	<b>Division 16 - Electrical</b>				
400.0	160001	Electrical work	SF	\$ 28.00	\$ 11,200.00
	<b>Total - Division 16 - Electrical</b>				<b>\$ 11,200.00</b>