

Date: April 22, 2010  
To: Randy Liepa, Superintendent  
From: Rod Hosman  
Re: Bid Openings

Attached to this memo are the results for two bid openings which took place last week. Please place them on the Committee of the Whole agenda for March 26, 2010.

The first is the bid for the COPS Grant Mark Schultz was able to secure. We will be recommending that the bid from Security Designs be approved. We have verified the COPS Grant funding. The grant is for \$174,000 which we must match, thus totaling \$348,000. The funds to match the grant are from the technology fund and where approved from the sinking fund. The Livonia Police Department is involved in this grant and will have a representative at the meeting on Monday. The reason for the breakout of numbers is due to two factors; one this grant is only for schools in the City of Livonia (per federal rule); next, we are planning to use the sinking fund for a portion of our matching funds, where rules allow that funding source. Therefore there will be no general fund expenditures used in this project.

The second is the bid for the Churchill HVAC and classroom renovation. We have several contractors to recommend with this memo, and will have any remaining ready for Monday March 26, 2010. The numbers are to be within the budget we presented earlier to the Board. The funds for this project will come from the sinking fund.

We would like to bring the projects for a vote on May 10, 2010.

If you have any questions, please let me know.

COPS Grant

	EQ	Labor	Wiring
Riley	18,601.00	704.00	2,816.00
Emerson	19,582.00	726.00	2,904.00
Frost	18,601.00	638.00	2,552.00
Holmes	20,019.00	869.00	3,476.00
CHS	31,066.00	4,000.00	7,370.00
FHS	29,339.00	2,850.00	7,065.00
SHS	36,017.00	2,200.00	5,885.00
LCTC	17,664.00	572.00	2,288.00
	<u>\$ 190,889.00</u>	<u>\$ 12,559.00</u>	<u>\$ 34,356.00</u>
Transp	<u>39,600.00</u>	<u>2,750.00</u>	<u>2,200.00</u>
	<u>\$ 230,489.00</u>	<u>\$ 15,309.00</u>	<u>\$ 36,556.00</u>

	EQ	Labor	Wiring
Cooper	15,974.00	484.00	1,936.00
Johnson	15,274.00	484.00	1,936.00
	<u>\$ 31,248.00</u>	<u>\$ 968.00</u>	<u>\$ 3,872.00</u>

Bid Proposal Form for General Contracts

Note: This sheet, proposal sheet and last  
Three sheets of this proposal form  
Must be filled in to be complete.  
Incomplete proposals may be disqualified.

NAME OF BIDDER: SECURITY DESIGNS INC

ADDRESS: 14700 FARMINGTON STE 110 LIVONIA MI 48154  
Street City/State/Zip

CONTACT PERSON: CHRIS LIPINSKI

PHONE: 734-421-0077 FAX: 734-421-0099

Owner: LIVONIA PUBLIC SCHOOLS  
15125 FARMINGTON ROAD  
LIVONIA, MICHIGAN 48154

Proposal: Pursuant to an in compliance with instructions to bidders and contract documents for the above named project, the undersigned agrees to enter into a contract with LIVONIA PUBLIC SCHOOLS.

The undersigned hereby acknowledges that his proposal, as stated below, includes all the labor and services required and only those materials in compliance with the specifications and shown on drawings (if applicable).

The undersigned acknowledges that he has carefully examined any drawings (if applicable) and specifications and visited the site(s) to fully inform himself of all existing conditions and limitations, and that his proposal includes a sum to cover the cost of all items included in the contract.

The undersigned further agrees to commence work on the project following the signing of the contract or within five working days thereof.

The undersigned agrees to coordinate, properly schedule and complete his portion of work in compliance with the project.

**IAMS 100**  
**Integrated Access Management Systems**  
**8 - Sites/20 Buses**

**IAMS 200**  
**Integrated Access Management Systems**  
**2 - Sites**

The bidders are expected to familiarize themselves with the Instructions to Bidders, this Bid Proposal Form as applicable, General and Supplementary Conditions, and the drawings (if applicable) and technical specifications covering their work. The following proposal sheets summarize the general scope of work in an attempt to help define the work of any separate trade contractors. The ensuing individual's trade proposals forms are a guide to the scope of work, but are not intended to be all inclusive of the work to be covered. In the case of a conflict in the assignment of work between the drawings (if applicable) and specifications, and the proposal scope of work, the proposal scope of work is to be used.

**SITES: Project No. IAMS 100**

Riley 5/6 Upper Elementary School  
 Emerson Middle School  
 Frost Middle School  
 Holmes Middle School  
 Churchill High School  
 Franklin High School  
 Stevenson High School  
 Career Tech Center  
 Bus Cameras/DVR Equipment  
 Total:

**TOTAL PRICE:**

	22,121. <sup>00</sup>
	<hr/>
	23,212. <sup>00</sup>
	<hr/>
	21,791. <sup>00</sup>
	<hr/>
	24,364. <sup>00</sup>
	<hr/>
	42,486. <sup>00</sup>
	<hr/>
	39,254. <sup>00</sup>
	<hr/>
	44,102. <sup>00</sup>
	<hr/>
	20,524. <sup>00</sup>
	<hr/>
	44,500. <sup>00</sup>
	<hr/>
	282,304. <sup>00</sup>

**SITES: Project No. IAMS 200**

Cooper 5/6 Upper Elementary  
 Johnson 5/6 Upper Elementary  
 Total:

	18,394. <sup>00</sup>
	<hr/>
	17,694. <sup>00</sup>
	<hr/>
	36,088. <sup>00</sup>

Grand Totals for  
 Entire Project  
 F.O.B  
 Livonia Public Schools  
 Sites as Listed

Additional Comments: 10% DEPOSIT UPON ACCEPTANCE

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Proposal Form

PROJECT No. IAMS 100

Scope of Work

All labor, materials, equipment and programming for a complete and functional system to include:

Note: Whenever possible, new main control panel shall be located in the buildings tech support closet. See on site contact person for detail on location.

~~Riley 5/6 Upper Elementary~~

15555 Henry Ruff Road  
Livonia, Michigan 48154

- 1 Access control panel capable of supporting 8 card readers as installed/no additions to panel will be allowed for future expansion.
- 4 HID Prox-pro card readers
- 4 Von Duprin electronic door strikes w/tamper guards
- 2 8 camera DVR (maximum 40 ips, 250gb, cd burner, network capable)
- 9 High Resolution indoor color dome cameras (540 lines)
- 1 Iphone vandal proof door station and two master desk stations w/door release button built in.
- 1 As part of the scope of work, please allocate sufficient time/cost to inspect existing security equipment and provide the District with a list of any malfunctioning devices.
- 1 Incorporate all existing cameras on new system and place on network.

Cost Breakdown:

EQUIPMENT:	\$	<u>18,601</u>
LABOR:	\$	<u>704</u>
WIRING:	\$	<u>2816</u>
TOTAL:	\$	<u>22,121</u>

PROJECT No. IAMS 100

Scope of Work

All labor, materials, equipment and programming for a complete and functional system to include:

Note: Whenever possible, new main control panel shall be located in the buildings tech support closet. See on site contact person for detail on location.

Emerson Middle School

29100 West Chicago  
Livonia, Michigan 48150

- 1 Access control panel capable of supporting 8 card readers as installed/no additions to panel will be allowed for future expansion.
- 5 HID Prox-pro card readers
- 4 Von Duprin electronic door strikes w/tamper guards
- 2 8 camera DVR (maximum 40 ips, 250gb, cd burner, network capable)
- 9 High Resolution indoor color dome cameras (540 lines)
- 1 Aiphone vandal proof door station and two master desk stations w/door release button built in.
- 1 As part of the scope of work, please allocate sufficient time/cost to inspect existing security equipment and provide the District with a list of any malfunctioning devices.
- 1 Incorporate all existing cameras on new system and place on network.

Cost Breakdown:

EQUIPMENT:	\$	<u>19,582</u>
LABOR:	\$	<u>726</u>
WIRING:	\$	<u>2,904</u>
TOTAL:	\$	<u>23,212</u>

Bid Form

PROJECT No. IAMS 100

Scope of Work

All labor, materials, equipment and programming for a complete and functional system to include:

Note: Whenever possible, new main control panel shall be located in the buildings tech support closet. See on site contact person for detail on location.

Frost Middle School

14041 Stark  
Livonia, Michigan 48154

- 1 Access control panel capable of supporting 8 card readers as installed/no additions - to panel will be allowed for future expansion.
- 4 HID Prox-pro card readers
- 4 Von Duprin electronic door strikes w/tamper guards
- 2 8 camera DVR (maximum 40 ips, 250gb, cd burner, network capable)
- 9 High Resolution indoor color dome cameras (540 lines)
- 1 Iphone vandal proof door station and two master desk stations w/door release button built in.
- 1 As part of the scope of work, please allocate sufficient time/cost to inspect existing security equipment and provide the District with a list of any malfunctioning devices.
- 1 Incorporate all existing cameras on new system and place on network.

Cost Breakdown:

EQUIPMENT:	\$	<u>18,601</u>
LABOR:	\$	<u>638</u>
WIRING:	\$	<u>2,552</u>
TOTAL:	\$	<u>21,791</u>

Bid Form

PROJECT No. IAMS 100

Scope of Work

All labor, materials, equipment and programming for a complete and functional system to include:

Note: Whenever possible, new main control panel shall be located in the buildings tech support closet. See on site contact person for detail on location.

Holmes Middle School

16200 Newburgh  
Livonia, Michigan 48154

- 1 Access control panel capable of supporting 8 card readers as installed/no additions to panel will be allowed for future expansion.
- 3 HID Prox-pro card readers
- 4 Von Duprin electronic door strikes w/tamper guards
- 2 8 camera DVR (maximum 40 ips, 250gb; cd burner, network capable)
- 14 High Resolution indoor color dome cameras (540 lines)
- 1 Aiphone vandal proof door station and two master desk stations w/door release button built in.
- 1 As part of the scope of work, please allocate sufficient time/cost to inspect existing security equipment and provide the District with a list of any malfunctioning devices.
- 1 Incorporate all existing cameras on new system and place on network.

Cost Breakdown:

EQUIPMENT:	\$	<u>20,019</u>
LABOR:	\$	<u>869</u>
WIRING:	\$	<u>3,476</u>
TOTAL:	\$	<u>24,364</u>

Bid Form



PROJECT No. IAMS 100

Scope of Work

All labor, materials, equipment and programming for a complete and functional system to include:

Note: Whenever possible, new main control panel shall be located in the buildings tech support closet. See on site contact person for detail on location.

**Churchill High School**

8900 Newburgh Road  
Livonia, Michigan 4815

- 1 Access control panel capable of supporting 8 card readers as installed/no additions to panel will be allowed for future expansion.
- 4 HID Prox-pro card readers
- 4 Von Duprin electronic door strikes w/tamper guards
- 4 8 camera DVR (maximum 40 ips, 250gb, cd burner, network capable)
- 23 High Resolution indoor color dome cameras (540 lines)
- 2 Aiphone vandal proof door station and two master desk stations w/door release button built in.
- 1 As part of the scope of work, please allocate sufficient time/cost to inspect existing security equipment and provide the District with a list of any malfunctioning devices.
- 1 Incorporate all existing cameras on new system and place on network.
- 2 Relocate existing Pan/Zoom (EPZC) replace with fixed cameras (NFC) as called for on building map.

Cost Breakdown:

EQUIPMENT:	\$	31,066. <sup>00</sup>
LABOR:	\$	4,000. <sup>00</sup>
WIRING:	\$	7,370. <sup>00</sup>
TOTAL:	\$	42,436. <sup>00</sup>

PROJECT No. IAMS 100

Scope of Work

All labor, materials, equipment and programming for a complete and functional system to include:

Note: Whenever possible, new main control panel shall be located in the buildings tech support closet. See on site contact person for detail on location.

Franklin High School

31000 Joy Road  
Livonia, Michigan 48150

- 1 Access control panel capable of supporting 8 card readers as installed/no additions to panel will be allowed for future expansion.
- 4 HID Prox-pro card readers
- 4 Von Duprin electronic door strikes w/tamper guards
- 4 8 camera DVR (maximum 40 ips, 250gb, cd burner, network capable)
- 20 High Resolution indoor color dome cameras (540 lines)
- 2 Aiphone vandal proof door station and two master desk stations w/door release button built in.
- 1 As part of the scope of work, please allocate sufficient time/cost to inspect existing security equipment and provide the District with a list of any malfunctioning devices.
- 1 Incorporate all existing cameras on new system and place on network.
- 2 Relocate existing Pan/Zoom (EPZC) replace with fixed cameras (NFC) as called for on building map.

Cost Breakdown:

EQUIPMENT:	\$	<u>29,339</u>
LABOR:	\$	<u>2,850</u>
WIRING:	\$	<u>7,065</u>
TOTAL:	\$	<u>39,254</u>

PROJECT No. IAMS 100

Scope of Work

All labor, materials, equipment and programming for a complete and functional system to include:

Note: Whenever possible, new main control panel shall be located in the buildings tech support closet. See on site contact person for detail on location.

Stevenson High School

33500 Six Mile Road  
Livonia, Michigan 48154

- 1 Access control panel capable of supporting 8 card readers as installed/no additions to panel will be allowed for future expansion.
- 7 HID Prox-pro card readers
- 4 Von Duprin electronic door strikes w/tamper guards
- 4 8 camera DVR (maximum 40 ips, 250gb, cd burner, network capable)
- 27 High Resolution indoor color dome cameras (540 lines)
- 1 Iphone vandal proof door station and two master desk stations w/door release button built in.
- 1 As part of the scope of work, please allocate sufficient time/cost to inspect existing security equipment and provide the District with a list of any malfunctioning devices.
- 1 Incorporate all existing cameras on new system and place on network.
- 2 Relocate existing Pan/Zoom (EPZC) replace with fixed cameras (NFC) as called for on building map.

Cost Breakdown:

EQUIPMENT:	\$	36,017. <sup>00</sup>
LABOR:	\$	2,200. <sup>00</sup>
WIRING:	\$	5,885. <sup>00</sup>
TOTAL:	\$	44,102. <sup>00</sup>

PROJECT No. IAMS 100

Scope of Work

All labor, materials, equipment and programming for a complete and functional system to include:

Note: Whenever possible, new main control panel shall be located in the buildings tech support closet. See on site contact person for detail on location.

Career Technical Center

8985 Newburgh Road  
Livonia, Michigan 48150

- 1 Access control panel capable of supporting 8 card readers as installed/no additions to panel will be allowed for future expansion.
- 4 HID Prox-pro card readers
- 4 Von Duprin electronic door strikes w/tamper guards
- 2 8 camera DVR (maximum 40 ips, 250gb, cd burner, network capable)
- 6 High Resolution indoor color dome cameras (540 lines)
- 1 Aiphone vandal proof door station and two master desk stations w/door release button built in.
- 1 As part of the scope of work, please allocate sufficient time/cost to inspect existing security equipment and provide the District with a list of any malfunctioning devices.
- 1 Incorporate all existing cameras on new system and place on network.

Cost Breakdown:

EQUIPMENT:	\$	<u>17,664.</u>
LABOR:	\$	<u>572</u>
WIRING:	\$	<u>2288.</u>
TOTAL:	\$	<u>20,524.</u>

PROJECT No. IAMS 100

Scope of Work

All labor, materials, equipment, and programming and training for complete and functional system to include:

Transportation/Bus Yard

15125 Farmington Road  
Livonia, Michigan 48154

- 20 Mobile Digital Video Camera P/N HTCD50MC080
- 20 Mobile Digital DVR Kits P/N HTS4045
- 20 Mobile Digital Recorder Enclosures
- 20 Power Cables and Data Cables
- 1 Software Applications
- 20 Labor and Installation on Buses

Cost Breakdown:

EQUIPMENT:	\$	<u>39,600.<sup>00</sup></u>
LABOR:	\$	<u>2,750</u>
WIRING:	\$	<u>2,200</u>
TOTAL:	\$	<u>44,550</u>

Bid Form

PROJECT No. IAMS 200

Scope of Work

All labor, materials, equipment and programming for a complete and functional system to include:

Note: Whenever possible, new main control panel shall be located in the buildings tech support closet. See on site contact person for detail on location.

Cooper 5/6 Upper Elementary

28550 Ann Arbor Trail  
Westland, Michigan 48185

- 1 Access control panel capable of supporting 8 card readers as installed/no additions to panel will be allowed for future expansion.
- 3 HID Prox-pro card readers
- 3 Von Duprin electronic door strikes w/tamper guards
- 2 8 camera DVR (maximum 40 ips, 250gb, cd burner, network capable)
- 1 High Resolution indoor color dome cameras (540 lines)
- 1 Aiphone vandal proof door station and two master desk stations w/door release button built in.
- 1 As part of the scope of work, please allocate sufficient time/cost to inspect existing security equipment and provide the District with a list of any malfunctioning devices.
- 1 Incorporate all existing cameras on new system and place on network.

Cost Breakdown:

EQUIPMENT:	\$	<u>15,974</u>
LABOR:	\$	<u>484</u>
WIRING:	\$	<u>1,936</u>
TOTAL:	\$	<u>18,394</u>

Bid Form

PROJECT No. IAMS 200

Scope of Work

All labor, materials, equipment and programming for a complete and functional system to include:

Note: Whenever possible, new main control panel shall be located in the buildings tech support closet. See on site contact person for detail on location.

~~Johnson 5/6 Upper Elementary~~

8900 Hix Road  
Westland, Michigan 48185

- 1 Access control panel capable of supporting 8 card readers as installed/no additions to panel will be allowed for future expansion.
- 3 HID Prox-pro card readers
- 3 Von Duprin electronic door strikes w/tamper guards
- 2 8 camera DVR (maximum 40 ips, 250gb, cd burner, network capable)
- 1 High Resolution indoor color dome cameras (540 lines)
- 1 Aiphone vandal proof door station and two master desk stations w/door release button built in.
- 1 As part of the scope of work, please allocate sufficient time/cost to inspect existing security equipment and provide the District with a list of any malfunctioning devices.
- 1 Incorporate all existing cameras on new system and place on network.

Cost Breakdown:

EQUIPMENT:	\$	<u>15,274</u>
LABOR:	\$	<u>484</u>
WIRING:	\$	<u>1,936</u>
TOTAL:	\$	<u>17,694</u>

Bid Form

**Livonia Public Schools  
Bid Opening**

Project No. IAMS 100 @ 9 Sites  
Project No. IAMS 200 @ 2 Sites

April 14, 2010

Project No. IAMS 100 @ 9 Sites			
Name of Bidder	EO Integrated Systems, Inc.	EO Integrated Systems, Inc.	Security Designs
Riley Upper Elem.	\$32,376.00		\$22,121.00
Emerson M.S.	\$33,450.00		\$23,212.00
Frost M.S.	\$30,814.00		\$27,791.00
Holmes M.S.	\$38,425.00		\$24,364.00
Churchill H.S.	\$69,571.00	\$69,380.00	\$42,436.00
Franklin H.S./McKinley	\$65,348.00	\$65,158.00	\$39,254.00
Stevenson H.S.	\$79,788.00	\$79,598.00	\$44,102.00
Career Tech Center	\$23,910.00		\$20,524.00
Transportation/Bus Yard	\$45,073.00		\$44,500.00
<b>Grand Total For Project @ 9 sites</b>	<b>\$418,735.00</b>		<b>\$282,304.00</b>
Comments	Proposal A Conduit	Proposal B Wireless	
Project No IAMS. 200 @ 2 Sites			
Cooper Upper Elem.	\$28,864.00		\$18,394.00
Johnson Upper Elem.	\$19,614.00		\$17,694.00
<b>Grand Total For Project @ 2 Sites</b>	<b>\$48,478.00</b>		<b>\$39,088.00</b>
Comments			10% Down upon acceptance
Bid Bond	Yes		Yes
Sworn & Notarized Familial Disclosure Statement	Yes		Yes
Equal Opportunity Statement	Yes		Yes

Witness J. J. J. J. Date 4/14/2010

Witness J. M. Maldonado Date 4/14/2010