

HARFORD COUNTY PUBLIC SCHOOLS

INVITATION FOR BIDS

The following specifications and proposal sheets may be obtained from Harford County Public Schools, A.A. Roberty Building, Purchasing Department, Suite 310, 102 S. Hickory Avenue, Bel Air, MD 21014, Phone: 410-809-6044 or 410-638-4080. Late bids will not be accepted.

BID TITLE: Fire Alarm System Replacement at Emmorton Elementary School

BID NUMBER: 10-DGH-012

BID ISSUED DATE: October 26, 2009

BID OPENING: November 18, 2009 @ 2:30 PM Local Time

PRE-BID MEETING: November 5, 2009 @ 8:00 AM Local Time
Emmorton Elementary School

PURCHASING AGENT: Donald Gunther
Don.Gunther@hcps.org

**PLACE OF BID OPENING
AND MAILING ADDRESS:** Purchasing Department, Suite 310
102 S. Hickory Ave.
Bel Air, MD 21014

Contractors interested in bidding for the award of these requirements bid may obtain a set of Solicitation Documents after **9 AM** on or after **10/25/09** at Harford County Public Schools (HCPS), Purchasing Department, Suite 310, 102 S. Hickory Avenue, Bel Air, MD 21014. There is no cost for the Solicitation Documents unless otherwise noted. Vendors may receive solicitation electronically for download at www.hcps.org/departments/BusinessServices/purchasing.aspx. Interested parties shall continue to check the HCPS website for possible addenda to the bid(s) prior to the bid opening date.

INCLEMENT WEATHER: If Harford County Public Schools are closed, that is either the schools or administrative offices, on the day a bid is DUE, that **bid will be due at the same time the next day that Harford County Public Schools are open.**

By Order of the Board of Education of Harford County
John R. Miller, CPPO, Purchasing Officer



Harford County Public Schools

102 S. Hickory Avenue Bel Air, MD 21014 410-838-7300 Fax 410-893-2478

Dr. Robert Tomback, Superintendent of Schools
Purchasing Department, Suite 310, 410.638.4339

Addendum #1

To: All Proposers
From: Donald Gunther
Subject: Bid #10-DGH-012: Fire Alarm System Replacement at Emmorton Elementary
Date: 11/6/09

Please refer to the attached 5 pages of specifications and drawings, which are all referenced as Addendum #1.

Any questions concerning this addendum should be forward to Don Gunther e-mail to Don.Gunther@hcps.org.

I hereby acknowledge receipt of Amendment #1 dated November 6, 2009 to Bid #10-DGH-012 for Fire Alarm System Replacement at Emmorton Elementary.

Company

Name (Print or Type)

Address

Title

Signature

Telephone

Date

Fax

Note: Proposer shall sign and submit a copy of this addendum with their proposal form.

Emmorton Elementary School – Addendum #1

Item 1

Clarification: **Contract Drawing FA-001**, see attached sketches (SKF -001, SKF-002, SKF-003, SKF-004) for additional clarifications.

Item 2

Clarification: **Contract Drawing FA-001, Fire Alarm/Electrical General Notes**, do not paint the surface metal raceway as indicate indicated on the contract documents. The Contractor shall provide surface metal raceway factory painted with standard ivory finish.

Item 3

Clarification: **Gymnasium Only**, the Contractor shall remove the existing smoke detectors and associated wiring in the Gymnasium only as indicated on the contract drawings; however, the existing exposed conduit system located at the ceiling shall remain and be re-used for the new work. Where the existing smoke detectors were removed, provide a blank cover plate on the existing back box and paint the cover plates to match the existing ceiling color.

Item 4

Contractor

Question #1: May MC Type cables be used for power to panels where concealed above ceiling or hidden from view?

Response: Provide conduit (EMT) as specified on the contract documents per HCPS.

Item 5

Contractor

Question #2: Where do we run the 2 telephone lines to?

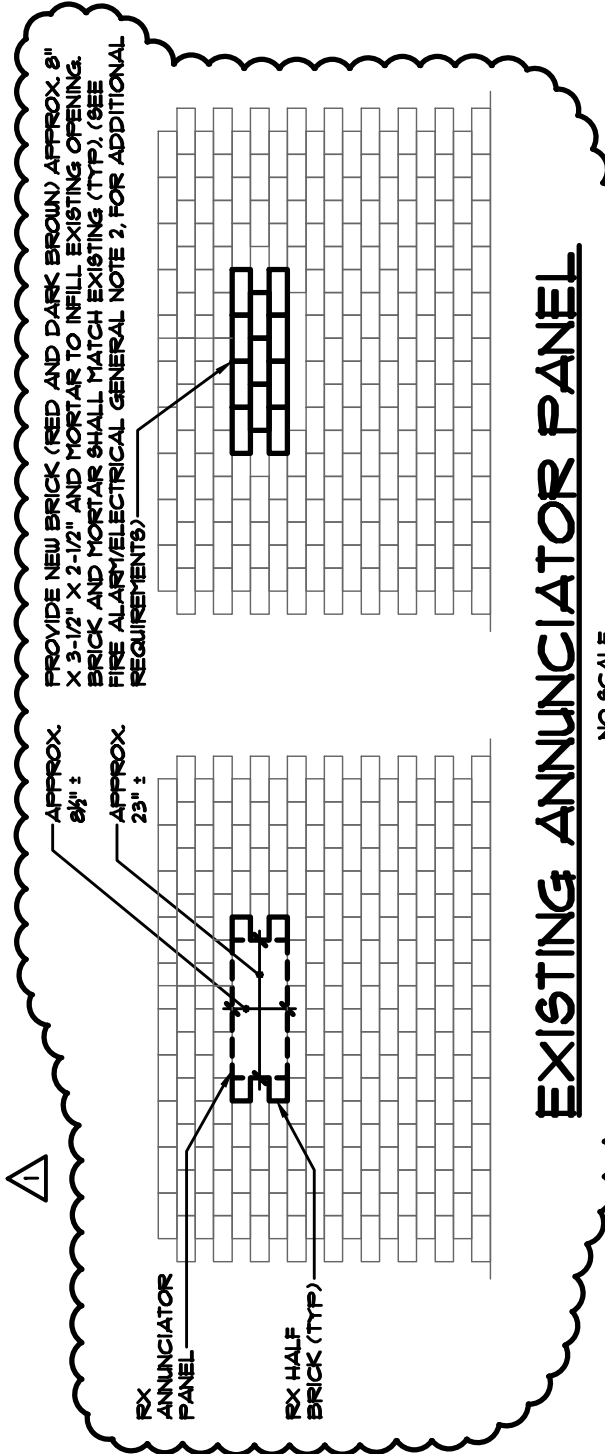
Response: Provide the two telephone jack as specified on the contract drawings. The 2 telephone lines shall be provided by HCPS.

Item 6

Contractor

Question #3: Are blank covers permitted on Gypsum Wallboard Ceilings?

Response: Yes, where the ceiling mounted fire alarm device was removed, provide blank cover. Paint the cover plate to match the existing ceiling color.



NO SCALE

REFERENCE:
FA-001



EBL FIRE ENGINEERING

Division of EBL ENGINEERS, LLC.

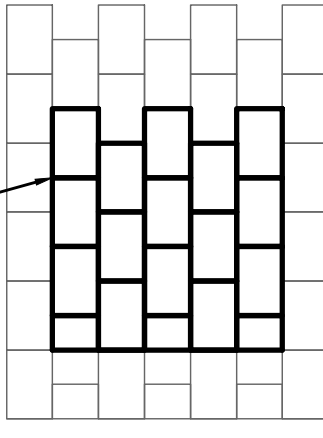
The Professional Engineering Center
8005 Harford Road, Baltimore, Maryland 21234-5701
(410) 668-8000 Fax (410) 668-8001
e-mail ebl@eblengineers.com

Fire Protection - Life Safety - Code Compliance

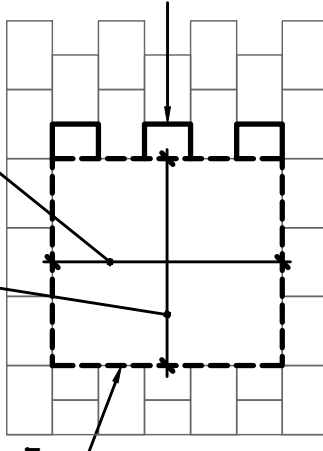
**EMMORTON ELEMENTARY SCHOOL
ADDENDUM NO. 1**

DRAWN:	JCW	DATE:	11/6/09	SKF-001
CHECKED:	RWB	SCALE:	AS NOTED	

PROVIDE NEW BLOCK (PRIMED AND PAINTED) APPROX. 8" X 12" AND MORTAR TO INFILL EXISTING OPENING. BLOCK AND MORTAR SHALL MATCH EXISTING (TYP). (SEE FIRE ALARM/ELECTRICAL GENERAL NOTE 2, FOR ADDITIONAL REQUIREMENTS)



APPROX. 54" ±
APPROX. 30" ±



RX FIRE ALARM CONTROL PANEL

RX HALF BLOCK (TYP)

EXISTING FIRE ALARM CONTROL PANEL

NO SCALE



REFERENCE:
FA-001



EBL FIRE ENGINEERING

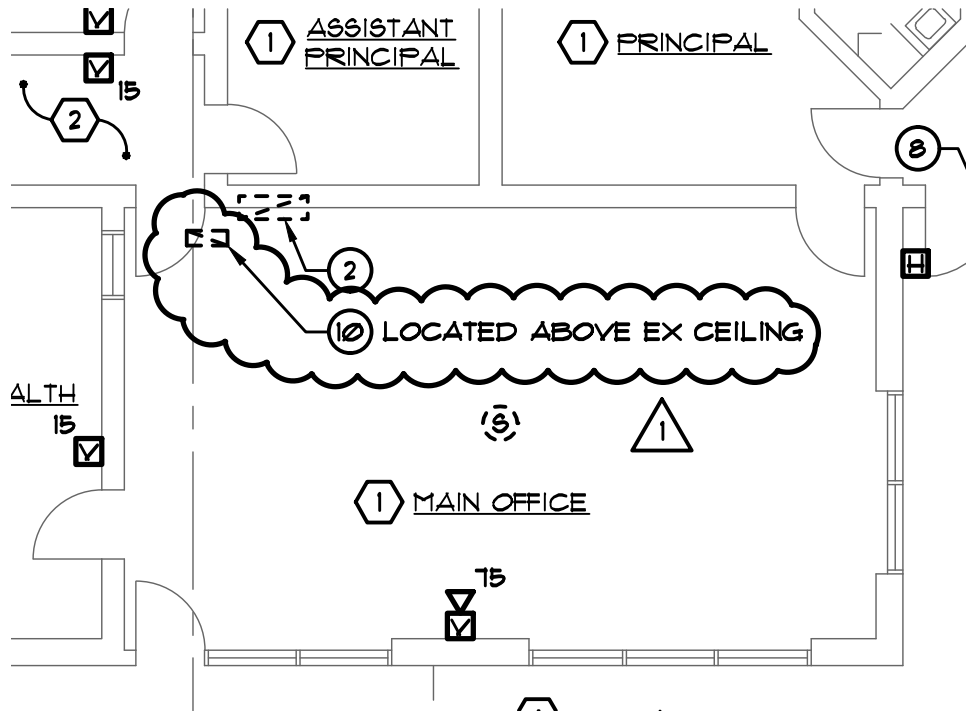
Division of EBL ENGINEERS, LLC.

The Professional Engineering Center
8005 Harford Road, Baltimore, Maryland 21234-5701
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e-mail ebl@eblengineers.com

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**EMMORTON ELEMENTARY SCHOOL
ADDENDUM NO. 1**

DRAWN:	JCW	DATE:	11/6/09	SKF-002
CHECKED:	RWB	SCALE:	AS NOTED	



(10) RX SURFACE MOUNTED FIRE ALARM TELEPHONE DIALER AND TURN OVER TO HCPS FACILITIES DEPARTMENT. REMOVE ALL ASSOCIATED EX FIRE ALARM WIRING, RX 120 VOLT BRANCH CIRCUIT WIRING AND ALL ASSOCIATED EXPOSED CONDUIT BACK TO FIRE ALARM CONTROL PANEL.

REFERENCE:
 FA-101



EBL FIRE ENGINEERING

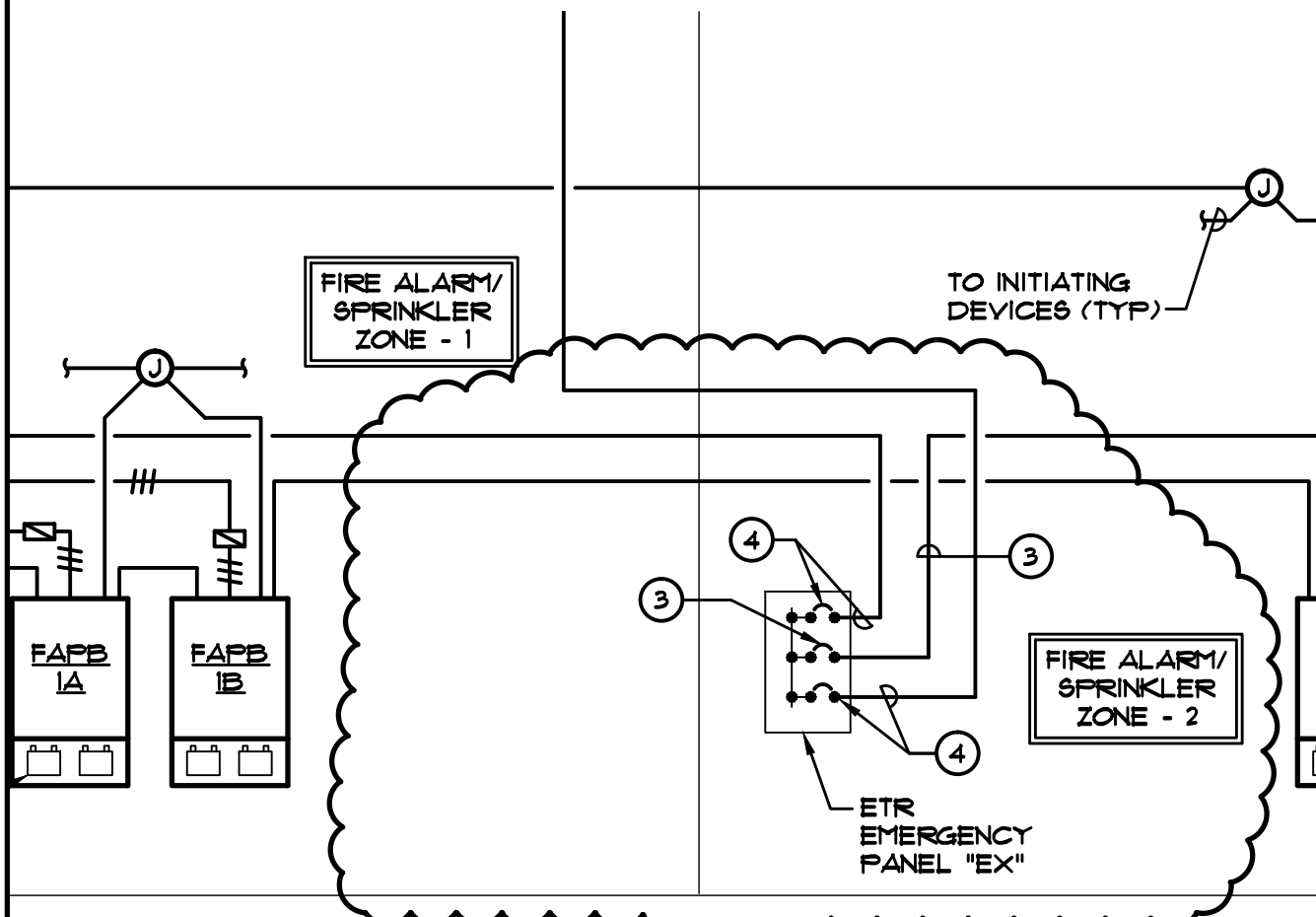
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**EMMORTON ELEMENTARY SCHOOL
 ADDENDUM NO. 1**

DRAWN: JCW	DATE: 11/6/09	SKF-003
CHECKED: RWB	SCALE: 1/8"=1'-0"	



FIRE ALARM RISER DIAGRAM

NO SCALE

- ③ EXTEND 2#12 & 1#12 GRD-3/4" C AND PROVIDE 1P-20A CIRCUIT BREAKER WITH LOCK CLIP TO MATCH EX PANEL MANUFACTURER
- ④ EXTEND 2#8 & 1#10 GRD-1" C AND PROVIDE 1P-20A CIRCUIT BREAKER WITH LOCK CLIP TO MATCH EX PANEL MANUFACTURER

REFERENCE:
FA-601



EBL FIRE ENGINEERING

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EMMORTON ELEMENTARY SCHOOL ADDENDUM NO. 1

DRAWN:	JCW	DATE:	11/6/09	SKF-004
CHECKED:	RWB	SCALE:	AS NOTED	