

# PITTSBURG UNIFIED SCHOOL DISTRICT

## DISTRICT SERVER ROOM HVAC PROJECT

**Bid No. 17-001**

**Addendum No. 1**

**Wednesday, July 19, 2017**

The Following Changes, deletions, additions, and/or alterations in, on and to the drawings and specifications shall apply to proposals made for and to the execution of the various parts of the work affected thereby.

Careful Note of This Addendum shall be taken by all parties of interest so that the proper allowance may be made in all computations, estimates and contracts, and all trades affected shall be fully advised in the performance of the work which will be required of them.

In Case of Conflict between Drawings, Specifications, and this Addendum, this Addendum shall govern. This Addendum supersedes all previous drawings, specifications, and instructions pertaining to these items.

CLARIFICATION CONSISTS OF FIFTEEN (15) PAGES TYPED AND ONE (1) SKETCH.

### **I. SPECIFICATIONS CHANGES:**

- a. Document 00 11 16 – Notice to Bidders: Take note that the actual Bids Due Date is Monday, July 24, 2017 @ 2:00 PM (PDT), regardless of the Bids Due Date listed in the Legal Advertisement for this Project.
- b. Document 00 11 16 – Notice to Bidders: Delete Paragraph 7. in its entirety from this Document.
- c. Document 00 11 16 – Notice to Bidders: In paragraph 10., delete the word “voluntary”.
- d. Document 00 11 16 – Notice to Bidders: Delete Paragraph 12. in its entirety from this Document.
- e. Document 00 21 13 – Instructions to Bidders: At Paragraph 16., delete the second paragraph referencing the Davis-Bacon Act. This requirement does not apply to this Project.

### **II. DRAWINGS CHANGES:**

- a. Sheet MD2.0; Demolition Key Notes #1 – Add the word “Service” to this Key Note, i.e., Remove, Clean, Service and Salvage (E) Unit.

- b. Sheet MD2.0; Demolition Key Notes #4 – Additional information: Existing ductwork inside Server Room has been previously demolished, and existing holes in covered but not patched. Patching of holes is still required.
- c. Sheet MD2.0; Demolition Key Notes #7 – Add this Key Note which states: “Existing Data racks will be removed/relocated as required, to make space for HVAC Units, by PUSD IT Dept. personnel.”
- d. Sheet M6.0; Mechanical Details – At Detail 4/M6.0, change the callout for “Exist. Concrete Wall” to say “Exist. Wood Framed Wall”.
- e. Sheet M6.0; Mechanical Details – Replace Detail 7/M6.0 with the new Detail included with the response to Bell Products, Inc. Pre-Bid RFI #001.
- f. Sheet E-1.0; Electrical Plans, Single Line Diagram and Panel Schedule – At Single Line Notes #2, revise “Hospital Engineering Department” to “PUSD Facilities Dept.”.

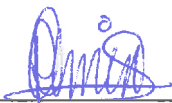
**III. CLARIFICATIONS:**

- a. Eight (8) Pre-Bid RFI’s from Bell Products, Inc.
- b. Three (3) Pre-Bid RFI’s from Martinez Sheet Metal.
- c. One (1) Pre-Bid RFI from Marina Mechanical.

**IV. ATTACHMENTS:**

- a. Find attached a copy of Pre-Bid RFI #001, #002, #003, #004, #005, #006, #007 & #008 from Bell Products, Inc. with the response to each as noted – Nine (9) Pages Total.
- b. Find attached a copy of three (3) different Pre-Bid RFI’s from Martinez Sheet Metal with the response to each as noted in the three (3) different emails from Gus Carrillo to Keith Holtslander – Five (5) Pages Total.
- c. Find attached a copy of the one (1) Pre-Bid RFI from Marina Mechanical with the response as noted in the email from Gus Carrillo to Keith Holtslander – One (1) Page Total.
- d. Find attached a copy of the Sign-In Sheet from the Pre-Bid Conference & Walkthrough held on Wednesday, July 12, 2017 – One (1) Page Total.

**Pittsburg Unified School District**



Signature



Date

**END OF ADDENDUM No. 1**

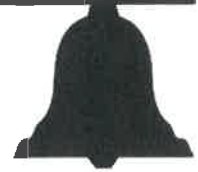


# Request For Information

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**Bell Products, Inc.**

DELIVERIES: 722 Soscol Avenue  
MAILING: PO Box 396  
Napa CA 94559-0396  
Phone: (707) 255-1811 Fax: (707) 255-1908



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**Project:** Pittsburg School District Server Room Mechanical Room

**Job #:**

**BPI RFI Number:**

Pre-Bid-001

**Submitted By:**

Casey Clark

**Co-Author:**

Rolando Roldan

**Specification Number:**

**Drawing Number:**

**Sent Date:**

07-13-17

**Submitted To:**

Keith Holtslander

**Sent To:**

**Date Required:**

ASAP

**Copies To:**

**Potential Time Impact:**

(yes if checked)

of: \_\_\_\_\_ days

**Potential Cost Impact:**

(yes if checked)

of: ~ \_\_\_\_\_

**Subject: Mounting detail for grade**

*Routing:*

- OWNER

- PM

- File

- HVAC FO

PIPING FO

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**Information Requested:**

Sheet M2.0 Construction key note #14 tell us to secure the pipe supports to grade. The pipe support detail on 7/M6.0 show the mounting detail bolting down to concrete.

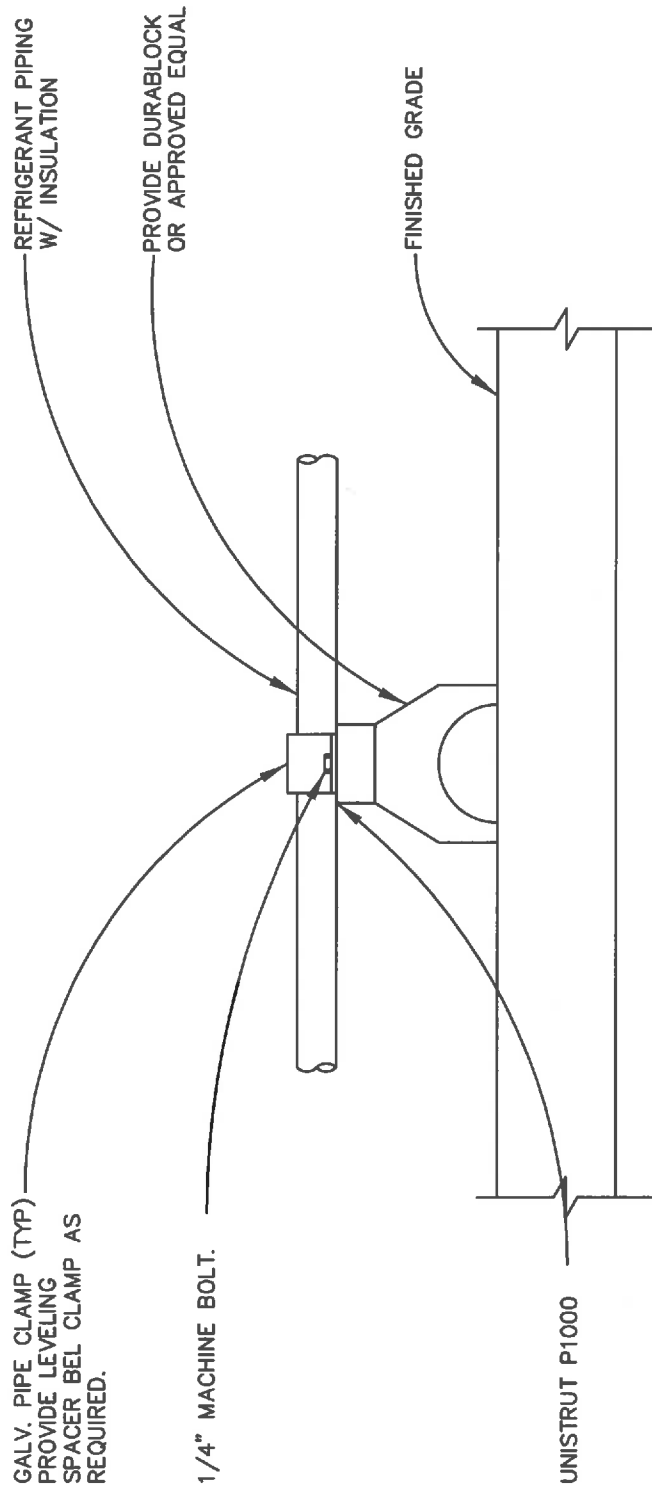
Please provide a mounting detail for the refer pipe running on the grade.

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**Response:**

See attached detail.

Gustavo D. Carrillo PE  
Mechanical Engineer  
2017-07-17



**NOTES:**

1. COORDINATE WITH MANUFACTURER TO ENSURE PROPER INSTALLATION IN ACCORDANCE WITH ALL WARRANTIES, EXISTING OR NEW, AND SO AS NOT TO VOID SUCH WARRANTIES.

**PIPE SUPPORT ON GRADE DETAIL**

SCALE	<b>X</b>
NONE	

# Request For Information

**Bell Products, Inc.**

DELIVERIES: 722 Soscol Avenue  
MAILING: PO Box 396  
Napa CA 94559-0396  
Phone: (707) 255-1811 Fax: (707) 255-1908



**Project:** Pittsburg School District Server Room Mechanical Room

**Job #:**

**BPI RFI Number:**  
Pre-Bid-002

**Submitted By:**  
Casey Clark

**Co-Author:**  
Rolando Roldan

**Specification Number:**

**Drawing Number:**

**Sent Date:**  
07-13-17

**Submitted To:**  
Keith Holtslander

**Sent To:**

**Date Required:**  
ASAP

**Copies To:**

**Potential Time Impact:**  
 (yes if checked)  
of: \_\_\_\_\_ days

**Potential Cost Impact:**  
 (yes if checked)  
of: ~ \_\_\_\_\_

**Subject: Framing detail**

*Routing:*

- OWNER

- PM

- File

- HVAC FO

PIPING FO

**Information Requested:**

Sheet MD2.0 demolition key note #3 reads:

- ③ PATCH (E) PENETRATION AT EXTERIOR WALL. INSULATE PATCH AND PAINT TO MATCH (EXISTING) INTERIOR AND EXTERIOR WALLS.

Please identify if existing framing is wood or metal?

Is standard framing practices acceptable for patch back? If not please provide detail.

**Response:**

It is our understanding the existing framing is wood.

Standard framing practices are acceptable for patchwork, provide R21 insulation for exterior wall(s) insulation.

Gustavo D. Carrillo PE  
Mechanical Engineer  
07-17-2019

# Request For Information

**Bell Products, Inc.**

DELIVERIES: 722 Soscol Avenue  
MAILING: PO Box 396  
Napa CA 94559-0396  
Phone: (707) 255-1811 Fax: (707) 255-1908



**Project:** Pittsburg School District Server Room Mechanical Room

**Job #:**

**BPI RFI Number:**  
Pre-Bid-003

**Submitted By:**  
Casey Clark

**Co-Author:**  
Rolando Roldan

**Specification Number:**

**Drawing Number:**

**Sent Date:**  
07-14-17

**Submitted To:**  
Keith Holtslander

**Sent To:**

**Date Required:**  
ASAP

**Copies To:**

**Potential Time Impact:**  
 (yes if checked)  
of: \_\_\_\_\_ days

**Potential Cost Impact:**  
 (yes if checked)  
of: ~ \_\_\_\_\_

**Subject:** Existing underground conduit

Routing:

- OWNER

- PM

- File

- HVAC FO

PIPING FO

**Information Requested:**

1. Can the existing 2-1/2" underground conduit that was used to feed the existing AC-1, be used for the new feeders to new panel – "AC" and CU-1 & CU-2? We would install a code sized NEMA 3R junction box at the conduit stub-up. Then extend a 2-1/2" conduit to new panel-"AC". Also install (2) 1" conduits from the new junction box to the new CU-1 and CU-2 disconnects.

**Response:**

Install quantity of conduits indicated on plan. Want to avoid a fault, caused by either of the three circuits, causing all three circuits to fail.

Luis E. Flores / A&F  
7/17/17

# Request For Information

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**Bell Products, Inc.**

DELIVERIES: 722 Soscol Avenue  
MAILING: PO Box 396  
Napa CA 94559-0396  
Phone: (707) 255-1811 Fax: (707) 255-1908



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**Project:** Pittsburg School District Server Room Mechanical Room

**Job #:**

**BPI RFI Number:**

Pre-Bid-004

**Submitted By:**

Casey Clark

**Co-Author:**

Rolando Roldan

**Specification Number:**

**Drawing Number:**

**Sent Date:**

07-14-17

**Submitted To:**

Keith Holtslander

**Sent To:**

**Date Required:**

ASAP

**Copies To:**

**Potential Time Impact:**

(yes if checked)

of: \_\_\_\_\_ days

**Potential Cost Impact:**

(yes if checked)

of: ~ \_\_\_\_\_

**Subject:** Fire Alarm Panel

*Routing:*

- OWNER

- PM

- File

- HVAC FO

PIPING FO

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**Information Requested:**

Where is the existing Fire Alarm Panel Located? What is the Manufacturer?

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**Response:**

It is our understanding that this building does not have a fire alarm panel. Contractor shall use 120V duct detector with a contact to be used to automatically shut-down the AC unit upon detection of smoke in the sampling tube(s).

Duct Detectors are to be provided by the contractor. Contractor shall coordinate with the HVAC manufacturer.

Gustavo D. Carrillo PE  
Mechanical Engineer  
07-19-2017



# Request For Information

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**Bell Products, Inc.**

DELIVERIES: 722 Soscol Avenue  
MAILING: PO Box 396  
Napa CA 94559-0396  
Phone: (707) 255-1811 Fax: (707) 255-1908



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**Project:** Pittsburg School District Server Room Mechanical Room

**Job #:**

**BPI RFI Number:**

Pre-Bid-005

**Submitted By:**

Casey Clark

**Co-Author:**

Rolando Roldan

**Specification Number:**

**Drawing Number:**

**Sent Date:**

07-14-17

**Submitted To:**

Keith Holtslander

**Sent To:**

**Date Required:**

ASAP

**Copies To:**

**Potential Time Impact:**

(yes if checked)

of: \_\_\_\_\_ days

**Potential Cost Impact:**

(yes if checked)

of: ~ \_\_\_\_\_

**Subject:** Fire Alarm Panel

*Routing:*

- OWNER

- PM

- File

- HVAC FO

PIPING FO

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**Information Requested:**

Does the District have a preferred Fire Alarm Vendor?

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**Response:**

Per discussions with the District it our understanding the preferred fire alarm manufacturer is Silent Knight.

Gustavo D. Carrillo PE  
Mechanical Engineer  
07-19-2017

# Request For Information

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**Bell Products, Inc.**

DELIVERIES: 722 Soscol Avenue  
MAILING: PO Box 396  
Napa CA 94559-0396  
Phone: (707) 255-1811 Fax: (707) 255-1908



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**Project:** Pittsburg School District Server Room Mechanical Room

**Job #:**

**BPI RFI Number:**

Pre-Bid-006

**Submitted By:**

Casey Clark

**Co-Author:**

Rolando Roldan

**Specification Number:**

**Drawing Number:**

**Sent Date:**

07-14-17

**Submitted To:**

Keith Holtslander

**Sent To:**

**Date Required:**

ASAP

**Copies To:**

**Potential Time Impact:**

(yes if checked)

of: \_\_\_\_\_ days

**Potential Cost Impact:**

(yes if checked)

of: ~ \_\_\_\_\_

**Subject: DVBE**

Routing:

- OWNER

- PM

- File

- HVAC FO

PIPING FO

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**Information Requested:**

On sheet 00 72 13 -2 Section 1.1.11.21 List Disabled Veterans Business Enterprise Participation Certification (If applicable) but DVBE documents were not provided.

Is DVBE required on this project? If so please provided the required forms.

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**Response:**

Per discussions with the district, It is our understanding DVBE is not required for this project.

Gustavo D. Carrillo PE  
Mechanical Engineer  
07-19-2017

# Request For Information

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**Bell Products, Inc.**

DELIVERIES: 722 Soscol Avenue  
MAILING: PO Box 396  
Napa CA 94559-0396  
Phone: (707) 255-1811 Fax: (707) 255-1908



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**Project:**

**Job #:**

**BPI RFI Number:**

Pre-Bid-007

**Submitted By:**

Rolando Roldan

**Co-Author:**

Casey

**Specification Number:**

**Drawing Number:**

**Sent Date:**

07-18-17

**Submitted To:**

Gus Carrillo

**Sent To:**

**Date Required:**

asap

**Copies To:**

**Potential Time Impact:**

(yes if checked)

of: \_\_\_\_\_ days

**Potential Cost Impact:**

(yes if checked)

of: ~ \_\_\_\_\_

**Subject:**

Routing:

- OWNER

- PM

- File

- HVAC FO

PIPING FO

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**Information Requested:**

Document 00 11 16-2 line item #12 reads:

The District has elected to provide an owner-controlled or wrap-up insurance program ("OCIP"). The successful Bidder and its subcontractors shall be required to participate in and comply with the OCIP.

Please determine if an OCIP is required and if so provide documentation.

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**Response:**

Per discussions with the District, it is our understanding that no OCIP is required for this project.

Gustavo D. Carrillo PE  
Mechanical Engineer  
07-19-2017

# Request For Information

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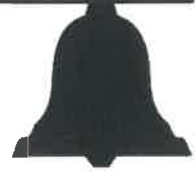
**Bell Products, Inc.**

DELIVERIES: 722 Soscol Avenue

MAILING: PO Box 396

Napa CA 94559-0396

Phone: (707) 255-1811 Fax: (707) 255-1908



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**Project:** Pittsburg District Server

**Job #:**

**BPI RFI Number:**

Pre-Bid-008

**Submitted By:**

Rolando Roldan

**Co-Author:**

Casey

**Specification Number:**

**Drawing Number:**

**Sent Date:**

07-18-17

**Submitted To:**

Gus Carrillo

**Sent To:**

**Date Required:**

asap

**Copies To:**

**Potential Time Impact:**

(yes if checked)

of: \_\_\_\_\_ days

**Potential Cost Impact:**

(yes if checked)

of: ~ \_\_\_\_\_

**Subject:** Temp Cooling

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*Routing:*

- OWNER

- PM

- File

- HVAC FO

PIPING FO

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**Information Requested:**

Is the exiting temporary portable cooling system a rental and does the contractor need to assume responsibility of the rental? Or do we need to provide temporary cooling?

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**Response:**

Contractor shall provide temporary cooling. Provision of temporary cooling shall be coordinated with the district during construction.

Gustavo D. Carrillo PE

Mechanical Engineer

07-19-2017

## Keith Holtslander

---

**From:** Gus Carrillo <GCarrillo@oed-inc.com>  
**Sent:** Wednesday, July 19, 2017 10:35 AM  
**To:** Keith Holtslander  
**Cc:** Abby Banerjee  
**Subject:** RE: District Server Room HVAC Project RFI

Hi Keith,

Below are our responses to Martinez Sheet Metal's RFI's regarding piping and pipe insulation.

Regarding item #1 - refrigerant piping specification – Suction lines 1.5” and small shall be Type ACR, Copper annealed-temper tubing and wrought copper fittings with brazed joints. Hot-Gas and Liquid Lines: Copper, Type L, drawn-temper tubing and wrought-copper fitting with soldered joints.

Regarding item #2 – refrigerant piping insulation specification – Provide 1” thick flexible elastomeric insulation. Cladd refrigerant piping.

Thanks.

**Gustavo D. Carrillo, PE, LEED AP**

*Project Engineer*

Ph: (510) 837-9182 ext. 101

Cell: (707) 758-7196

[GCarrillo@oed-inc.com](mailto:GCarrillo@oed-inc.com)

<http://www.oed-inc.com>



**From:** Keith Holtslander [mailto:kholtlander@pittsburg.k12.ca.us]  
**Sent:** Thursday, July 13, 2017 8:42 AM  
**To:** Gus Carrillo <GCarrillo@oed-inc.com>  
**Cc:** gfooster@martinezsheetmetal.com  
**Subject:** FW: District Server Room HVAC Project RFI

Gus:

Please see the below email from Martinez Sheet Metal.

**Glenn:** Note that this is not a MOT Dept. Project. This is a Facilities Planning & Management Dept. Project, and I am the Project/Construction Manager. Also note that all Pre-Bid RFI's are to be emailed to Gus Carrillo, the Mechanical Engineer w/ Optimum Energy Design.

Thank you,

**E. Keith Holtslander, Project Manager**

Facilities Planning & Management  
Pittsburg Unified School District  
Office Address: 3200 Loveridge Road  
Pittsburg, CA 94565-5122  
District Address: 2000 Railroad Avenue  
Pittsburg, CA 94565-3830  
Office: 925-473-2428  
Cell: 925-818-4217  
E-Mail: [kholtlander@pittsburg.k12.ca.us](mailto:kholtlander@pittsburg.k12.ca.us)

**From:** Matthew Belasco  
**Sent:** Thursday, July 13, 2017 8:02 AM  
**To:** Glenn Foster <[gfooster@martinezsheetmetal.com](mailto:gfooster@martinezsheetmetal.com)>  
**Cc:** Tanjeet Stephens <[tstephens@pittsburg.k12.ca.us](mailto:tstephens@pittsburg.k12.ca.us)>; Keith Holtslander <[kholtlander@pittsburg.k12.ca.us](mailto:kholtlander@pittsburg.k12.ca.us)>  
**Subject:** RE: District Server Room HVAC Project RFI

Tanjeet and Keith,  
FYI

Thank you,

Matthew Belasco  
Director of Maintenance, Operations, and Transportation  
Pittsburg USD  
925-473-2362 Office  
925-698-8197 Cell  
[mbelasco@pittsburg.k12.ca.us](mailto:mbelasco@pittsburg.k12.ca.us)



**From:** Glenn Foster [<mailto:gfooster@martinezsheetmetal.com>]  
**Sent:** Thursday, July 13, 2017 7:35 AM  
**To:** Matthew Belasco <[mbelasco@pittsburg.k12.ca.us](mailto:mbelasco@pittsburg.k12.ca.us)>  
**Subject:** District Server Room HVAC Project RFI

Please provide clarification on the insulation for the split systems , nothing is indicated in the specs nor on the plans. Will the exterior piping installation need to be cladded or can it be painted with UV protecting paint.

**Glenn Foster**  
**Martinez Sheet Metal**  
Vice President / Estimator  
(925) 228-3380 ext 204

## Keith Holtslander

---

**From:** Gus Carrillo <GCarrillo@oed-inc.com>  
**Sent:** Wednesday, July 19, 2017 11:43 AM  
**To:** Keith Holtslander  
**Subject:** FW: District Server Room Project

Hi Keith,

Please see our below for responses to Martinez Sheet Metal RFI's

Regarding item #1 – Condensate Drain Pipe Size – Providing condensate lift pump with 1” condensate pipe routed to drywell per bid documents. Condensate pipe shall be Type M, Drawn-temper copper tubing, wrought-copper fittings, and soldered joints. Provide ¾” insulation for piping.

Regarding Item #2 - refrigerant piping specification – Suction lines 1.5” and small shall be Type ACR, Copper annealed-temper tubing and wrought copper fittings with brazed joints. Hot-Gas and Liquid Lines: Copper, Type L, drawn-temper tubing and wrought-copper fitting with soldered joints. Provide 1” thick flexible elastomeric insulation. Cladd refrigerant piping.

**From:** Glenn Foster [mailto:gfoster@martinezsheetmetal.com]  
**Sent:** Thursday, July 13, 2017 12:24 PM  
**To:** Gus Carrillo <GCarrillo@oed-inc.com>  
**Subject:** District Server Room Project

Please provide a detail on pipe sizes for the condensate drain and what happens outside as to how the drains goes into the dry well.

Clarify refrigeration piping insulation type , thickness and if cladding is required.

**Glenn Foster**  
***Martinez Sheet Metal***  
Vice President / Estimator  
(925) 228-3380 ext 204

## Keith Holtslander

---

**From:** Gus Carrillo <GCarrillo@oed-inc.com>  
**Sent:** Wednesday, July 19, 2017 10:17 AM  
**To:** Keith Holtslander  
**Cc:** 'Luis E. Flores'  
**Subject:** FW: Pittsburg Server Room RFI

Hi Keith,

Below is our response to the RFI's from Martinez Sheet Metal.

Regarding item #1: Duct detectors are to be provided by the contractor. Contractor shall coordinate with the HVAC manufacturer.

Regarding item #2: It is our understanding that this building does not have a fire alarm panel. Contractor shall use 120V duct detector with a contact to be used to automatically shut-down the AC unit upon detection of smoke in the sampling tube(s).

Thanks.

**Gustavo D. Carrillo, PE, LEED AP**

*Project Engineer*

Ph: (510) 837-9182 ext. 101

Cell: (707) 758-7196

[GCarrillo@oed-inc.com](mailto:GCarrillo@oed-inc.com)

<http://www.oed-inc.com>



**From:** Glenn Foster [mailto:gfoster@martinezsheetmetal.com]  
**Sent:** Monday, July 17, 2017 2:31 PM  
**To:** Gus Carrillo <GCarrillo@oed-inc.com>  
**Subject:** FW: Pittsburg Server Room RFI

RFI from electrician

**Glenn Foster**

***Martinez Sheet Metal***

Vice President / Estimator

(925) 228-3380 ext 204



**From:** Robert Trebino [<mailto:btrebino@alhambraelectric.net>]

**Sent:** Monday, July 17, 2017 1:55 PM

**To:** Glenn Foster <[gfoster@martinezsheetmetal.com](mailto:gfoster@martinezsheetmetal.com)>

**Subject:** Pittsburg Server Room RFI

Electrical RFI:

1. Drawings show two duct detectors for indoor units. Are they factory supplied?
2. Drawings indicate that the duct detectors report to the building main fire alarm panel. What is the manufacturer and where is the panel location?

Bob Trebino

Alhambra Electric Inc.  
925-228-2050 Office  
925-228-4206 Fax  
925-787-0212 Mobile

[btrebino@alhambraelectric.net](mailto:btrebino@alhambraelectric.net)

## Keith Holtslander

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**From:** Gus Carrillo <GCarrillo@oed-inc.com>  
**Sent:** Wednesday, July 19, 2017 2:40 PM  
**To:** Keith Holtslander  
**Subject:** FW: Pittsburg Server Room HVAC - RFI

Hi Keith,

Below please find our responses to Marina Mechanical's RFI.

Regarding Item #1 – Equipment Substitution – Based on discussions with the District, No substitutions shall be allowed for any/all of the units on this project.

Regarding item #2 – Existing Equipment Relocation – Based on discussions with the District, the existing trane unit being removed shall be fully serviced and delivered to 3200 Loveridge Road, Pittsburg, CA. Contractor shall be required to provide a forklift for loading and unloading the unit between locations.

Regarding item #3 – Hazardous Materials Reports – Based on discussions with the District, there are no asbestos or hazardous materials report(s).

Thanks.

**From:** Justin Libay [<mailto:jlibay@marinam.com>]  
**Sent:** Wednesday, July 19, 2017 12:01 PM  
**To:** [kholtlander@pusd.k2.ca.us](mailto:kholtlander@pusd.k2.ca.us)  
**Cc:** Gus Carrillo <[GCarrillo@oed-inc.com](mailto:GCarrillo@oed-inc.com)>  
**Subject:** Pittsburg Server Room HVAC - RFI

Hi Keith & Gus,

My questions below:

1. Are alternate manufacturers allowed for the Computer room AC, outdoor condenser and exhaust fans?
2. Specify address for the old Trane unit to be dropped off? Will you have a forklift on site to take it off the truck?
3. Any Asbestos or hazardous materials reports available?

Thanks,

--

**Justin Libay, CEM**

**Marina Mechanical**  
**Main:** (510) 614-3500 **Cell:** (510) 715-1326  
[www.marinamechanical.com](http://www.marinamechanical.com)  
[jlibay@marinam.com](mailto:jlibay@marinam.com)