

Date: January 21st, 2016
Project No. 1417

ADDENDUM NO. 04

To the drawings and specifications for:
Fire Station 30
911 Gemblar Road,
San Antonio, Texas 78219

MEP DRAWINGS:

Item 4.1 IT Sheet 401 has been updated to include general note 9 and the addition of apparatus bay door sensors/chime system. Refer to attached Addendum No. 4 narrative from CNG Engineering.

Questions from Bidders:

Clarification: There were no changes made to the document 'General Conditions for City of San Antonio Construction Contracts' that was attached to Addendum 03.

General Comments:

- Date for Bids Due has been extended to Tuesday, February 2, 2016 by 2pm and publicly read aloud in the City Council Chambers at 114 W. Commerce, Municipal Plaza Building.
- Deadline for questions has been extended to January 22, 2016 by 4:00 p.m.
- Substitute and utilize the revised "010 FORMAL INVITATION FOR BIDS (IFB)" attached.

Substitutions:

Subject to requirements the following manufacturer's products may be considered for use on the project:

1. **Section 096700** – Waterjet Cutting VCT. Manufacturer: Enso Fabrication.
2. **Section 283111** – Products 2.1. Manufacturer: Edwards System Technologies.

Attachments:

- CNG Engineering, Addendum 04 Narrative – seal dated 01.15.2016
 - MEP Sheet IT401
 - "010 FORMAL INVITATION FOR BIDS (IFB)"
-

Cory W. Hawkins, AIA, LEED AP
Principal



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San Antonio, Texas 78205

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CITY OF SAN ANTONIO

Issued By: Transportation and Capital Improvements
ID NO.: 40-00416

Date Issued: December 21, 2016

(010) FORMAL INVITATION FOR BIDS (IFB) to CONTRACT
FIRE STATION 30 REPLACEMENT

Sealed bids, subject to the Terms and Conditions of this Invitation for Bids and other contract provisions, will be received at the Office of the City Clerk, City Hall, 100 Military Plaza, San Antonio, Tx 78205 until 2:00 P.M. CST on Tuesday, February 2, 2016 (solicitation deadline) and publicly read aloud in the City Council Chambers at 114 W. Commerce, Municipal Plaza Building. Bids must be submitted in a sealed envelope and clearly marked with the bidder's name, Project Name and ID NO. The City is not responsible for submissions not clearly and appropriately marked. Late submissions will be rejected and returned to bidder. A Non-Mandatory Pre-bid meeting will be held at 115 Plaza de Armas, San Antonio, TX 78205, 1st floor Culture Commons Space on January 12, 2016 at 10:00 A.M. Deadline for questions is January 22, 2016 at 4:00 P.M.

This invitation includes the following Contract Documents:

- 010 Invitation for Bids and Contract Signature Page
020 Bid Form
030 Qualification Questionnaire
040 Standard Instructions to Respondent
041 Certificate of Interested Parties (TEC Form 1295)
050.01 SBEDA Guidelines
Subcontractor/Supplier Utilization Plan
060 Supplemental Conditions
075 Performance Bond
076 Payment Bond
081 General Conditions for Construction Contracts
Wage Decision

A compact disc with the Plans, Specifications and Special Conditions in electronic format may be obtained with a payment of a non-refundable fee of Twenty-Five Dollars (\$25.00). Beaty Palmer Architects, Inc., 110 Broadway Suite 600, San Antonio, Texas, 78205 (210) 212-8022. Changes to Plans, Specifications and Special Conditions will be included in an addendum and will be posted on the web at http://www.sanantonio.gov/purchasing/biddingcontract/opportunities.aspx along with this solicitation. Bidder understands and agrees that bidder is responsible for obtaining addenda and adhering to all requirements in addenda. City is not responsible for incorrect information obtained through other sources.

The following documents (fully completed and with original signatures) constitute the required information to be submitted as a part of the bid proposal:

- 010 Invitation for Bids and Contract Signature Page
020 Bid Form
030 Qualification Questionnaire
Bid Bond
Subcontractor/Supplier Utilization Plan
Signed Addenda Acknowledgement Forms
Proof of Form 1295 with Certification Number & Date Filed

This is a Qualified Low Bid Solicitation. It is understood and agreed that the work is to be substantially completed on or before 435 calendar days. This project includes hazardous environmental work. This project requires 1 project sign(s).

Small Business Economic Development Advocacy (SBEDA) Program Compliance - Respondents shall meet the subcontracting requirements as stated on Form 050.01 and on the Subcontractor/Supplier Utilization Plan posted with this solicitation on the City's website.

Wage Decision - Respondent shall meet the prevailing wage rate requirements established for this contract and shall reference the wage decision posted with this solicitation on the City's website.

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with Contract Documents for the amount(s) shown on the accompanying bid sheet(s). The work proposed to be done shall be accepted when fully completed and finished to the entire satisfaction of the City. The undersigned certifies all prices contained in this bid have been carefully checked and are submitted as correct and final. The bidder by submitting this bid and signing below, acknowledges that he/she has received & read the entire Bid and Contract document and agrees to be bound by the terms therein, has received all Addenda, and agrees to the terms, conditions, and requirements of the bidder's bid proposal and all documents listed in the tables above and the enabling Ordinance and associated documentation that form the entire Contract upon approval by the City Council.

Official Name of Company (legal): _____

Original Signature of Person Authorized to Sign Bid/Contract / Date Signer's Name: _____ (Please Print or Type)



Date: January 15, 2016
Project: CoSA Fire Station #30
CNG Project No.: 0023-14
From: CNG Engineering, PLLC
1917 N New Braunfels Ave. Ste. 201
San Antonio, Texas 78208



CNG Engineering, PLLC
Reg. No. F-7964

To: All Sub-Contractors and others to whom Drawings and Specifications have been issued.

This document is generally separated into sections for convenience; however, all contractors, subcontractors, material men, and all other parties shall be responsible for reading this entire document. The failure to list an item or items in all affected sections of this document does not relieve any party affected from performing as per instructions, providing that the information is set forth one time any place in this document. This document is now considered part of the Contract Documents for the above mentioned project, modifying and superseding them where they are inconsistent. All other conditions of the Contract Documents remain unchanged.

CHANGES TO DRAWINGS AND SPECIFICATIONS

ELECTRICAL

ELECTRICAL SPECIFICATIONS

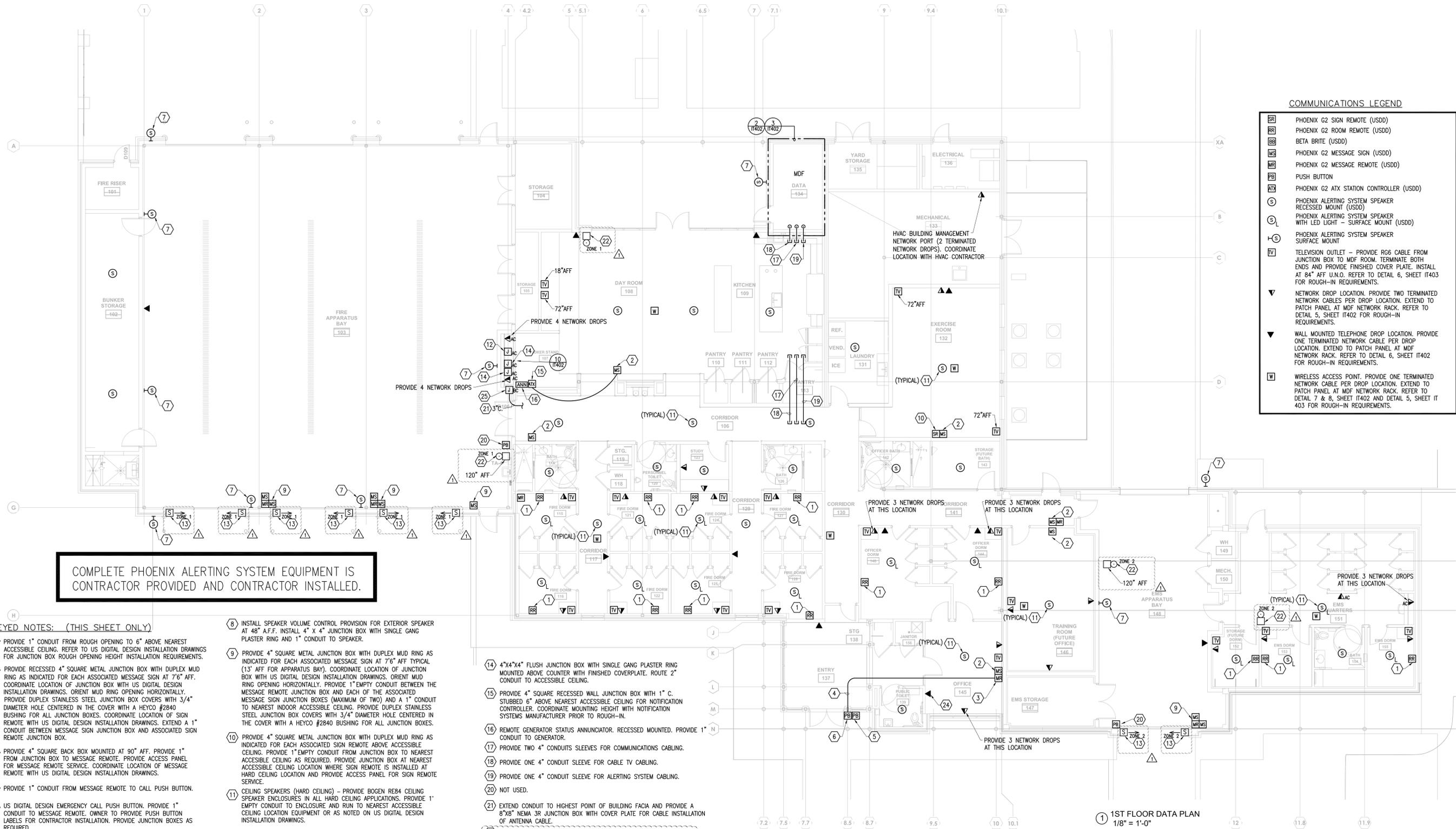
ADD APPROVED MANUFACTURER TO SPEC SECTION 283111

Item 1: Add Edwards System Technologies. Add Edwards System Technologies as an approved manufacturer to the list of manufacturers to paragraph Part 2 - Products 2.1 Manufacturers A. No. 7.

IT

REPLACED DRAWING SHEET: IT401

Item 1: Added apparatus bay door sensors/chime system.



COMMUNICATIONS LEGEND

BR	PHOENIX G2 SIGN REMOTE (USDD)
RR	PHOENIX G2 ROOM REMOTE (USDD)
BB	BETA BRITE (USDD)
MS	PHOENIX G2 MESSAGE SIGN (USDD)
MR	PHOENIX G2 MESSAGE REMOTE (USDD)
PB	PUSH BUTTON
ATX	PHOENIX G2 ATX STATION CONTROLLER (USDD)
S	PHOENIX ALERTING SYSTEM SPEAKER RECESSED MOUNT (USDD)
S _L	PHOENIX ALERTING SYSTEM SPEAKER WITH LED LIGHT - SURFACE MOUNT (USDD)
S _F	PHOENIX ALERTING SYSTEM SPEAKER SURFACE MOUNT
TV	TELEVISION OUTLET - PROVIDE RG6 CABLE FROM JUNCTION BOX TO MDF ROOM. TERMINATE BOTH ENDS AND PROVIDE FINISHED COVER PLATE. INSTALL AT 84" AFF U.N.O. REFER TO DETAIL 6, SHEET IT403 FOR ROUGH-IN REQUIREMENTS.
▼	NETWORK DROP LOCATION. PROVIDE TWO TERMINATED NETWORK CABLES PER DROP LOCATION. EXTEND TO PATCH PANEL AT MDF NETWORK RACK. REFER TO DETAIL 5, SHEET IT402 FOR ROUGH-IN REQUIREMENTS.
▼	WALL MOUNTED TELEPHONE DROP LOCATION. PROVIDE ONE TERMINATED NETWORK CABLE PER DROP LOCATION. EXTEND TO PATCH PANEL AT MDF NETWORK RACK. REFER TO DETAIL 7 & 8, SHEET IT402 AND DETAIL 5, SHEET IT 403 FOR ROUGH-IN REQUIREMENTS.
W	WIRELESS ACCESS POINT. PROVIDE ONE TERMINATED NETWORK CABLE PER DROP LOCATION. EXTEND TO PATCH PANEL AT MDF NETWORK RACK. REFER TO DETAIL 7 & 8, SHEET IT402 AND DETAIL 5, SHEET IT 403 FOR ROUGH-IN REQUIREMENTS.

COMPLETE PHOENIX ALERTING SYSTEM EQUIPMENT IS CONTRACTOR PROVIDED AND CONTRACTOR INSTALLED.

KEYED NOTES: (THIS SHEET ONLY)

- PROVIDE 1" CONDUIT FROM ROUGH OPENING TO 6" ABOVE NEAREST ACCESSIBLE CEILING. REFER TO US DIGITAL DESIGN INSTALLATION DRAWINGS FOR JUNCTION BOX ROUGH OPENING HEIGHT INSTALLATION REQUIREMENTS.
- PROVIDE RECESSED 4" SQUARE METAL JUNCTION BOX WITH DUPLEX MUD RING AS INDICATED FOR EACH ASSOCIATED MESSAGE SIGN AT 7'6" AFF. COORDINATE LOCATION OF JUNCTION BOX WITH US DIGITAL DESIGN INSTALLATION DRAWINGS. ORIENT MUD RING OPENING HORIZONTALLY. PROVIDE DUPLEX STAINLESS STEEL JUNCTION BOX COVERS WITH 3/4" DIAMETER HOLE CENTERED IN THE COVER WITH A HEYCO #2840 BUSHING FOR ALL JUNCTION BOXES. COORDINATE LOCATION OF SIGN REMOTE WITH US DIGITAL DESIGN INSTALLATION DRAWINGS. EXTEND A 1" CONDUIT BETWEEN MESSAGE SIGN JUNCTION BOX AND ASSOCIATED SIGN REMOTE JUNCTION BOX.
- PROVIDE 4" SQUARE BACK BOX MOUNTED AT 90" AFF. PROVIDE 1" FROM JUNCTION BOX TO MESSAGE REMOTE. PROVIDE ACCESS PANEL FOR MESSAGE REMOTE SERVICE. COORDINATE LOCATION OF MESSAGE REMOTE WITH US DIGITAL DESIGN INSTALLATION DRAWINGS.
- PROVIDE 1" CONDUIT FROM MESSAGE REMOTE TO CALL PUSH BUTTON.
- US DIGITAL DESIGN EMERGENCY CALL PUSH BUTTON. PROVIDE 1" CONDUIT TO MESSAGE REMOTE. OWNER TO PROVIDE PUSH BUTTON LABELS FOR CONTRACTOR INSTALLATION. PROVIDE JUNCTION BOXES AS REQUIRED.
- US DIGITAL DESIGN NON-EMERGENCY CALL PUSH BUTTON. PROVIDE 1" CONDUIT TO MESSAGE REMOTE. OWNER TO PROVIDE PUSH BUTTON LABELS FOR CONTRACTOR INSTALLATION. PROVIDE JUNCTION BOXES AS REQUIRED.
- PROVIDE SURFACE MOUNTED 4" SQUARE JUNCTION BOX WITH 2" MUD RING AND COVER. PROVIDE 1" CONDUIT TO MESSAGE REMOTE OR OTHER LOCATION AS INDICATED ON US DIGITAL DESIGN INSTALLATION DRAWINGS. PROVIDE A 3/4" DIAMETER HOLE CENTERED IN THE JUNCTION BOX COVER WITH A HEYCO #2840 BUSHING. MOUNT APPARATUS BAY JUNCTION BOX SPEAKERS AT 13' AFF AND OUTSIDE SPEAKER JUNCTION BOXES AT 11' AFF. EXTERIOR SPEAKER JUNCTION BOXES SHALL BE RECESSED.
- INSTALL SPEAKER VOLUME CONTROL PROVISION FOR EXTERIOR SPEAKER AT 48" A.F.F. INSTALL 4" X 4" JUNCTION BOX WITH SINGLE GANG PLASTER RING AND 1" CONDUIT TO SPEAKER.
- PROVIDE 4" SQUARE METAL JUNCTION BOX WITH DUPLEX MUD RING AS INDICATED FOR EACH ASSOCIATED MESSAGE SIGN AT 7'6" AFF TYPICAL (13' AFF FOR APPARATUS BAY). COORDINATE LOCATION OF JUNCTION BOX WITH US DIGITAL DESIGN INSTALLATION DRAWINGS. ORIENT MUD RING OPENING HORIZONTALLY. PROVIDE 1" EMPTY CONDUIT BETWEEN THE MESSAGE REMOTE JUNCTION BOX AND EACH OF THE ASSOCIATED MESSAGE SIGN JUNCTION BOXES (MAXIMUM OF TWO) AND A 1" CONDUIT TO NEAREST INDOOR ACCESSIBLE CEILING. PROVIDE DUPLEX STAINLESS STEEL JUNCTION BOX COVERS WITH 3/4" DIAMETER HOLE CENTERED IN THE COVER WITH A HEYCO #2840 BUSHING FOR ALL JUNCTION BOXES.
- PROVIDE 4" SQUARE METAL JUNCTION BOX WITH DUPLEX MUD RING AS INDICATED FOR EACH ASSOCIATED SIGN REMOTE ABOVE ACCESSIBLE CEILING. PROVIDE 1" EMPTY CONDUIT FROM JUNCTION BOX TO NEAREST ACCESSIBLE CEILING AS REQUIRED. PROVIDE JUNCTION BOX AT NEAREST ACCESSIBLE CEILING LOCATION WHERE SIGN REMOTE IS INSTALLED AT HARD CEILING LOCATION AND PROVIDE ACCESS PANEL FOR SIGN REMOTE SERVICE.
- CEILING SPEAKERS (HARD CEILING) - PROVIDE BOGEN REB4 CEILING SPEAKER ENCLOSURES IN ALL HARD CEILING APPLICATIONS. PROVIDE 1" EMPTY CONDUIT TO ENCLOSURE AND RUN TO NEAREST ACCESSIBLE CEILING LOCATION EQUIPMENT OR AS NOTED ON US DIGITAL DESIGN INSTALLATION DRAWINGS.
- CEILING SPEAKERS (SUSPENDED CEILING) - PROVIDE BOGEN T88 AS APPROPRIATE FOR SPECIFIED SPEAKERS. PROVIDE REB4 CEILING SPEAKER ENCLOSURES OR AS NOTED BY US DIGITAL DESIGN.
- FURNISH AND INSTALL AN AIPHONE MASTER INTERCOM STATION WITH DOOR RELEASE BUTTON. WIRE INTERCOM STATION AT ENTRY GATE (SEE SITE PLAN) AND PROVIDE CONTROL WIRING TO GATE CONTROLLER TO OPEN AND CLOSE GATES. PROVIDE POWER TRANSFORMER MOUNTED CONCEALED BELOW JOKER STAND. INSTALL STATION ON FLUSH WALL BOX DIRECTED AT SITE. PROVIDE COMPLETE SUBMITTAL INCLUDING COMPLETE WIRING, ROUTING AND CONNECTIONS. INSTALL ALL WIRING IN CONDUIT. PROVIDE CONTROL RELAY AT GATE OPERATOR AS REQUIRED. EXTEND 1" CONDUIT TO 6" ABOVE NEAREST ACCESSIBLE CEILING.
- DUAL BEAM PHOTOELECTRIC SENSOR EQUAL TO OPTEX AX-70N. PROVIDE REQUIRED POWER SUPPLY AND ACCESSORIES FOR A COMPLETE INSTALLATION. CONNECT TO INTRUSION ALARM BELL/CHIME. PROVIDE WITH OPTEX TC-10U WIRELESS TRANSMITTER.

- 4"x4"x1/4" FLUSH JUNCTION BOX WITH SINGLE GANG PLASTER RING MOUNTED ABOVE COUNTER WITH FINISHED COVERPLATE. ROUTE 2" CONDUIT TO ACCESSIBLE CEILING.
- PROVIDE 4" SQUARE RECESSED WALL JUNCTION BOX WITH 1" C. STUBBED 6" ABOVE NEAREST ACCESSIBLE CEILING FOR NOTIFICATION CONTROLLER. COORDINATE MOUNTING HEIGHT WITH NOTIFICATION SYSTEMS MANUFACTURER PRIOR TO ROUGH-IN.
- REMOTE GENERATOR STATUS ANNUNCIATOR. RECESSED MOUNTED. PROVIDE 1" CONDUIT TO GENERATOR.
- PROVIDE TWO 4" CONDUITS SLEEVES FOR COMMUNICATIONS CABLING.
- PROVIDE ONE 4" CONDUIT SLEEVE FOR CABLE TV CABLING.
- PROVIDE ONE 4" CONDUIT SLEEVE FOR ALERTING SYSTEM CABLING.
- NOT USED.
- EXTEND CONDUIT TO HIGHEST POINT OF BUILDING FACIA AND PROVIDE A 8"x8" NEMA 3R JUNCTION BOX WITH COVER PLATE FOR CABLE INSTALLATION OF ANTENNA CABLE.
- INTRUSION ALARM BELL/CHIME. PROVIDE EQUAL TO OPTEX RC-20U. PROVIDE 120V POWER RECEPTACLE FOR AC ADAPTOR.
- ALERTING SYSTEM VOLUME CONTROL PUSHBUTTON. PROVIDE SINGLE GANG JUNCTION BOX WITH 1" CONDUIT TO NEAREST ACCESSIBLE CEILING. PUSH BUTTON AND WIRING TO BE PROVIDED AND INSTALLED BY OWNER.
- PROVIDE TWO NETWORK DROPS TO FACP.
- 4"x4"x1/4" FLUSH JUNCTION BOX WITH COVERPLATE BELOW COUNTER. TERMINATE 3" ANTENNA CONDUIT IN JUNCTION BOX.

GENERAL NOTES: (THIS SHEET ONLY)

- CONDUIT LINES SHOWN ON DRAWING ARE DIAGRAMMATIC. CONTRACTOR SHALL VERIFY FIELD CONDITIONS AND CHOOSE APPROPRIATE CONDUIT ROUTING. IN THE EVENT THAT APPROXIMATE CONDUIT ROUTING SHOWN ON PLANS IS NOT FEASIBLE, CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER.
- LOCATIONS OF DEVICES ARE DIAGRAMMATICAL. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY CONFLICTS PRIOR TO ROUGH-IN.
- REFER TO KEYED NOTES FOR ADDITIONAL CONDUIT AND JUNCTION BOX REQUIREMENTS.
- COORDINATE ADDITIONAL CONDUIT AND JUNCTION BOX REQUIREMENTS WITH WITH US DIGITAL DESIGN (USDD) INSTALLATION DRAWINGS PRIOR TO ROUGH-IN.
- PROVIDE ALL EMPTY CONDUITS WITH NYLON PULLSTRING AND PLASTIC BUSHINGS AT EACH END.
- FIRE ALARM DEVICES SHOWN MOUNTED ON CONCRETE TILT WALLS SHALL BE COORDINATED WITH ARCHITECT ON WHETHER DEVICES SHALL BE FLUSH MOUNTED OR SURFACE MOUNTED.
- ALL COMMUNICATIONS JUNCTION BOXES SHALL BE AT MINIMUM 4 1/16" X 4 1/16" X 2 1/8" SIZE
- ALL COMMUNICATIONS CABLING REQUIRED FOR USDD SYSTEM TO BE PROVIDED BY USDD SYSTEM INSTALLER UNDER THIS CONTRACT.
- REFER TO USDD SYSTEM INSTALLATION DRAWINGS FOR FINAL CONDUIT AND CABLING REQUIREMENTS. COMPLETE USDD PHOENIX ALERTING SYSTEM EQUIPMENT IS CONTRACTOR PROVIDED AND CONTRACTOR INSTALLED. CONTRACTOR TO INSTALL ALL NECESSARY RACEWAYS AND BACK BOXES REQUIRED FOR COMPLETE INSTALLATION UNDER BASE CONTRACT. RACEWAYS AND BOXES SERVING THE US DIGITAL DESIGN (USDD) PHOENIX ALERTING SYSTEM SHOWN ON THIS DRAWING ARE SHOWN FOR DESIGN INTENT. CONFIRM AND COORDINATE LOCATIONS AND REQUIREMENTS WITH VENDOR (USDD) PRIOR TO ROUGH-IN.
- UNLESS OTHERWISE NOTED, EXTEND ALL DATA OUTLET CONDUITS FROM JOKER'S STAND TO NEAREST ACCESSIBLE CEILING.
- ALL NETWORK CABLING IS TO BE INSTALLED AS PART OF THIS CONTRACT.

1ST FLOOR DATA PLAN
1/8" = 1'-0"



PROJECT
Fire Station No. 30
911 Gemblor Road
San Antonio, Texas

REVISIONS

1	ADDENDUM 03	01/15/2016
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CONSULTANT
ENGINEER
ARCHITECT

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DATE
11-5-2015

SHEET NUMBER
IT401

100% CONSTRUCTION DOCUMENTS



Note: Addenda Acknowledgement Form for Addendum 4 is attached herein. This form must be signed and submitted with the bid package.

RECEIPT OF ADDENDUM NUMBER(S) 4 IS HEREBY ACKNOWLEDGED FOR PLANS AND

SPECIFICATIONS FOR CONSTRUCTION OF FIRE STATION 30 REPLACEMENT – 40-00416

FOR WHICH BIDS WILL BE OPENED ON TUESDAY, FEBRUARY 2, 2016 AT 2:00 P.M.

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID PACKAGE.

Company Name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

Signature

Print Name/Title