



MANATEE COUNTY

May 29, 2013

All Interested Quoters:

SUBJECT: Request for Quotation #13-1398-OV
Fiber Optic Installation, City of Palmetto, MCAT Palmetto Bus Station

ADDENDUM #2

Bidders are hereby notified that this Addendum shall be acknowledged on page 48 of the Quote Form and made a part of the above named quoting and contract documents. Quotes submitted without acknowledgement of the Addendum will be considered incomplete.

The following items are issued to add to, modify, and clarify the quote and contract documents. These items shall have the same force and effect as the original quoting and contract documents, and cost involved shall be included in the quoted price. Quotes are to be submitted on the specified quote date, and shall conform to the additions and revisions listed herein.

The stated deadline of May 16, 2013, 4:00 PM to submit all inquiries concerning interpretation, clarification or additional information pertaining to this bid has lapsed. This deadline has been established to maintain fair treatment for all potential bidders, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve.

Replies to this Request for Quotation are due: **June 14, 2013 at 4:00 PM**

Item No. 1: Quoters shall utilize the **REVISED Quote Form**, Addendum #2 when submitting your quote for this project.

Item No 2: Buy America Certification is made a part of this Addendum #2.

Item No. 3: The following **pdf** attachments are made a part of this Addendum #2:

- Revised Quote Form (1 total page)
- Buy America Certification (1 total page)
- Site 1 – AG and Natural Resources, Drawing 2 (1 total page)
- Site 2 – Palmetto High School, Drawing 3 (1 total page)
- Site 3 – Palmetto MCAT Bus Station, Drawing 4 (1 total page)
- COMMSCOPE Product Specifications (1 total page)
- Locate Detail (1 total page)

Financial Management Department, Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
WEB: www.myanatee.org *PHONE: 941-749-3014 * FAX: 941-749-3034

Item No. 4:

Updated Scope of Work:

The overall scope for this project is to install a 144-count Draka fiber optic cable between the Agriculture and Natural Resources Center and the Palmetto MCAT Bus Station as well as a 12-count fiber optic cable between the Agriculture and Natural Resources Center and the Palmetto High School locations within the City of Palmetto, FL. The majority of the 144-count fiber will remain unterminated or "cut dead" at both ends within the vaults. Initially, the Palmetto High School will be providing the network connectivity path to the Agriculture and Natural Resources Center along the 12-count fiber optic cable and the Agriculture and Natural Resources Center will act as the connectivity relay to the Palmetto MCAT Bus Station along strands of the 144-count fiber. The final fiber strand termination design will be determined by the County at a later date.

SITE 0: Initial Fiber Optic Cable Installation (See Drawing 1)

Furnish and install (1) 144-count Draka fiber optic cable from the newly placed fiber vault at the corner of 17th Street West and 14th Avenue West in Palmetto, FL through existing fiber vault and HDPE conduit to the fiber vault located at the NW corner of 17th Street West and 8th Avenue West. Also, Furnish and Install one (1) 12-count Draka fiber optic cable from the fiber vault at the corner of 17th Street West and 14th Avenue West in Palmetto, FL through the same existing HDPE conduit as the 144-county Draka Fiber but ending at the existing pull box in front of the Palmetto High School, Site 2. This fiber will run continuously from the TR of the Agriculture and Natural Resources Center to the TR of the High School terminating the same 6-count of the 12-count at both ends and leaving the remaining 6-count cut dead.

NOTE 1: The 12-count Draka fiber optic cable is in addition to the 144-count Drafa fiber optic cable.

NOTE 2: In the event that available conduit is not present along the route, please provide pricing to include the installation of (1) 2" HDPE conduit along the same path.

**SITE 1: Agriculture and Natural Resources Center – 1303 17th Street West, Palmetto, FL 34221
(See revised drawing 2, attached)**

Provide and install a new 3x5x3 vault next to the existing City of Palmetto vault at the corner of 17th Street West and 14th Avenue West, Palmetto, FL. Place (1) 2" HDPE conduit between new vault and existing vault. Engineer, furnish and install (1) 2" HDPE conduit along the indicated route to the Pedestal location as shown on the drawing. Pull (1) 12-count Draka fiber optic cable and a traceable mule tape from the fiber vault at the corner of 17th Street West and 14th Avenue West along with (1) 12-count Draka cable that was pulled through the existing 1-1/4" conduit with the 144-county Draka fiber through new 2" HDPE and terminate within the TR of the Agriculture and Natural Resources Center. The County will define which strands are to be used for the termination into the 144-count. The County will also define which 6 of the 12-count from the Palmetto High School will be terminated. Upon completion of fiber placement, cable is to be spliced, terminated, placed in proper interface unit, labeled, tested and documented as per specifications provided with the Request for Qutoation.

NOTE: Existing 4" conduit that Brighthouse is currently using to enter TR may be used for new fiber access, however, the exact exit point at the Pedestal location outside is not known at this time. Marked on updated drawing is location of alternate route into Ag Center's TR that can be used. Regardless of the entry location used, a 2x3x3 pull box will need to be provided and installed as a transition point.

SITE 2: Palmetto High School – 1200 17th Street West, Palmetto, FL 34221 (See revised drawing 3, attached)

From the existing vault in front of the Palmetto High School, pull in the 12-count Draka fiber optic cable that was pulled in alongside the 144-count Draka Fiber optic cable along with a traceable mule tape through the existing 1-1/4" School Board HDPE conduit, terminating 6 of the 12-count within the TR of the Palmetto High School as indicated on the drawing. The County will define which strands are to be used for the termination into the 144-count. Upon completion of fiber placement, cable is to be spliced, terminated placed in proper interface unit, labeled, tested and documents as per the specifications provided with the Request for Quotation.

NOTE: This fiber will require installation in an already occupied conduit. **As an option, provide pricing to replace existing 11" x 17" pull boxes with the new 2x3x2 pull boxes as indicated on Drawing 3.**

SITE 3: MCAT Palmetto Bus Station – 1802 8th Avenue West, Palmetto, FL 34221 (See revised drawing 4)

From the newly placed vault at the corner of 17th Street West and 8th Avenue West, Palmetto, FL, please engineer, furnish and install (1) 2" HDPE conduit along the indicated route to location as shown on the drawing, placing a new **3x5x3 and 2x3x3** pull boxes at all designated locations. Place 12-count Draka fiber optic cable and a traceable mule tape from the vault at the corner of 17th Street West and 8th Avenue West through new 2" HDPE and terminate within the TR of the Palmetto MCAT Bus Station. The County will define which strands are to be used for the termination into the 144-count. Upon completion of fiber placement, cable is to be spliced, terminated, placed in proper interface unit, labeled, tested and documented as per the specifications provided with the Request for Quotation.

NOTE: Transition point from last newly placed pull box to existing underground conduit is not know at this time, however, the location of the last PB should be at that point once located. Existing conduit which Brighthouse is using may also be used for new fiber access. Approximate location of the conduit is shown on the drawing.

Note 1: Any existing mule tape which is used to pull in fiber at the Palmetto High School must be replaced. If any damage occurs to the High School's conduit or fiber, the Contractor shall be responsible to repair same to working condition at no cost to the County or to the School District of Manatee County (SDMC).

Item No. 5:

Questions submitted by Quoters:

Question 1: Based on the most recent inspection, will Quotation Item 2, for Site O conduit, remain?

Answer 1: Yes, the item will remain as a contingency in the event the existing conduit is unusable.

Question 2: Where should Sites 1, 2 and 3 be included in the Quotation Form?

Answer 2: The project should be bid as a Lump Sum inclusive of all defined requirements.

Question 3: What is the existing conduit at Site 2 occupied with?

Answer 3: Existing conduit shall be occupied with the School Board fiber optic cable.

Question 4: Confirm if the detectable mule tape, as cited in the descriptions for said Sites, replaces the locate system described elsewhere by the specifications.

Answer 4: No, the detectable mule tape does not negate any required locate wire,#12.

Question 5: Regarding Site 0, how many fibers will be spliced to existing fiber at each end (14th Avenue West, 8th Avenue West)?

Answer 5: There is no existing fiber on the project. All cable plant is new infrastructure.

Question 6: Regarding Site 0, does the existing fiber optic cable have existing splice closures at each end (14th Avenue West, 8th Avenue West)?

Answer 6: There is no existing fiber on the project. All cable plant is new infrastructure.

Question 7: Regarding locates system, confirm locate wire is direct buried above the new conduit placed?

Answer 7: Locate wire may be pulled into conduit at the time of the fiber installation. It is not required to be placed via direct burial above conduit.

Question 8: Regarding locates system, confirm if no locate wire exists in existing conduit, the contractor is responsible to install a new locate wire?

Answer 8: If no locate wire exists, the contractor is to install one with the cable.

Question 9: Regarding locate system, please clarify the reference to “electronics” in Conduit Overview, page 34.

Answer 9: Disregard electronics statement.

Question 10: Regarding Attachment “G”, Locate Wire Detail, the notes at the bottom of the sheet are not legible. Please provide legible copy.

Answer 10: Revised Locate Wire Detail will be provided as a PDF with this Addendum #2.

Question 11: Regarding Attachment “G”, Locate Wire Detail, the Electric Motion terminal block shown appears to conflict with the locate wire splicing described by 2.2.9 on page 37. Please clarify locate system.

Answer 11: Remove Electric Motion terminal block and surge suppression (4.1.2) from required items.

Question 12: Regarding Attachment “G”, Locate Wire Detail, please clarify if the “handhole” shown is a requirement at the locate wire splices OR is the same as the pull boxes / splice boxes for the fiber optic cabling?

Answer 12: The splice location for the locate wires will be the fiber pull box at the existing locations. New pull boxes will require the installation of a flush mounted test station external to the pull box.

Question 13: Attachment “H”, Pull Box Detail, calls out a manufacturer, Amorcast. The Technical Specifications do not refer to a manufacturer. Is the attachment to imply a required manufacturer?

Answer 13: Contractor may quote other manufacturers that comply with Specifications in Section 3.1.1.

Question 14: Attachment “F”, Disk Marker Details. Neither the attachment nor the Technical Specifications define where or when the markers are to be placed. Please clarify.

Answer 14: The requirement for Disk Markers has been removed.

Question 15: Are the products specified (Draka, Amorcast, Electric Motion, etc) compliant with the Buy America requirements? If they are not compliant, available compliant substitutions must be allowed to avoid delay by the FTA waiver process.

Answer 15: Buy American Certification (Title 49 U.S.C. Section 50101) is hereby made a part of this Addendum #2, to be completed by the Quoter.

Question 16: Please clarify the references to 2" Inner Duct in Section 2 (Conduit Overview) and 2.41. This appears to be in conflict with the 2" Outer Duct cited in 2.1.1

Answer 16: Installed conduit shall be 2" HDPE(Orange) SDR11.

Question 17: Please clarify the intent of Attachment "E", CommScope Detail of Rack Shelf. Where and when does this detail apply?

Answer 17: This shelf would apply at the Palmetto High School and at the Agricultural center.

Question 18: Please define Survey "base mapping" in Section 5.1.5 (Project Management).

Answer 18: A map or chart showing certain fundamental information used as a base upon which additional data of specialized nature are compiled or overprinted, i.e. corrected right-of-way.

Question 19: Is Survey mapping needed when fiber optic cable will be installed in existing conduit? As-builts are a requirement of the project.

Answer 19: If conduit infrastructure is placed, a base map would be required to complete the "As-Builts".

Question 20: Please identify / specify which existing 11 x 17 pull boxes are to be upgraded to a 2x3x3.

Answer 20: The pull boxes 2x3x3 should be quoted as an option.

Question 21: Please identify / specify which existing 2x3 pull boxes are to be upgraded to a 3x5x5 splice box.

Answer 21: Quoters are to review the latest Scope of Work and Drawings provided in this Addendum #2.

Question 22: Aside of the three splice points, please clarify any other 144 count slack storage requirements that may be required along 17th Street West.

Answer 22: As part of the revised Scope of Work, there will be only two (2) 144-count splice points and those two locations will also be for the slack loop.

Question 23: Is the proposed Orange 2" HDPE FuturePath type with Microducts or Standard?

Answer 23: The proposed Orange 2" HDPE FuturePatch type is Standard.

Question 24: Can the contractor propose alternate means for entry and access to the TR at Site 1 AG & Natural Resources?

Answer 24: As part of this Addendum #2, an alternate path has been identified and the drawings have been revised to show the alternate path.

Question 25: It is assumed that the existing conduits are free and clear of obstruction or defect. Will the contractor be compensated for minor repairs to conduits if they are encountered provided that repair costs would prove to be less than those for replacement?

Answer 25: Yes, the contractor will be compensated for minor repairs to conduits. Quote item has been added to the Revised Quote Form, which is made a part of this Addendum #2.

Question 26: Please clarify the acceptance testing criteria for dark fibers in the proposed 144 count.

Answer 26: All fibers that are terminated or not terminated should be OTDR tested after installation with results presented to the County in writing.

If you have submitted a quote prior to receiving this addendum, you may request in writing that your original, quote be returned to your firm. All quotes received will be opened on the date stated.

END OF ADDENDUM #2

Quotes will be received via email, fax or U.S. Mail **until 4:00 PM on June 14, 2013**. Quotes shall be returned to the **Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205.**

Sincerely,



Melissa M. Wendel, CPPO, Purchasing Official
Manatee County Purchasing Division

/OV (7 total pdfs attached)

Revised Quotation Form: Addendum #2

DATE DUE: June 14, 2013 at 4:00 PM

To: Manatee County Purchasing
 1112 Manatee Avenue West, Suite 803
 Bradenton, FL 34205
 Attention: Olga Valcich / **OR** Email: olga.valcich@mymanatee.org
OR Fax: 941-749-3034

REF: REQUEST FOR QUOTATION #13-1398-OV
Fiber Optic Installation, City of Palmetto, MCAT Palmetto Bus Station

We, the undersigned, hereby declare that we have carefully reviewed the quote documents, and with full knowledge and understanding of the aforementioned herewith submit this quote, meeting each and every specification, term, and condition contained in the Request for Quotation.

We understand that the technical specifications, terms, and conditions in their entirety shall be made a part of any agreement or contract between Manatee County and the successful quoter. Failure to comply shall result in contract default, whereupon, the defaulting contractor shall be required to pay for any and all re-procurement costs, damages, and attorney fees as incurred by the County.

ITEM	DESCRIPTION	Unit of Measure	Qty	EXTENDED PRICE
1.	Include all costs for Mobilization, Engineering, Labor, Material Equipment, Testing, Supplies, As-Builts,	LS	1	\$
2.	On an "As Required Basis" , Install (1) 2" HDPE Conduit along the same path (Addendum #2)	LS	1	\$
3.	On an "As Required Basis" , install 2 x 3 x 3 pull box (Addendum #2)	LS	1	\$
4.	On an "As Required Basis" install 3 x 5 x 3 pull box (Addendum #2)	LS	1	\$
5.	On an "As Required Basis" minor repairs to conduit (Addendum #2)	LS	1	\$
3.	Maintenance of Traffic (MOT)	LS	1	\$
Total Project Cost:				\$

Bidder: _____

Authorized Signature: _____

Buy America Certification

(Title 49 U.S.C. Section 50101)

PROJECT NAME:	Fiber Optic Installation, City of Palmetto, MCAT Palmetto Bus Station
PROJECT NUMBER:	RFQ No. 13-1398-OV

This solicitation and any resulting contract are subject to the Buy America requirements of 49 U.S.C. Section 50101. The bidder certifies it and all associated subcontractors will comply with the Buy American preferences established under Title 49 U.S.C. Section 50101 as follows:

U.S.C. Section 50101 - Buying goods produced in the United States

- (a) Preference. - The Secretary of Transportation may obligate an amount that may be appropriated to carry out section 106(k), 44502(a)(2), or 44509, subchapter I of chapter 471 (except section 47127), or chapter 481 (except sections 48102(e), 48106, 48107, and 48110) of this title for a project only if steel and manufactured goods used in the project are produced in the United States.
- (b) Waiver. - The Secretary may waive subsection (a) of this section if the Secretary finds that -
 - (1) Applying subsection (a) would be inconsistent with the public interest;
 - (2) The steel and goods produced in the United States are not produced in a sufficient and reasonably available amount or are not of a satisfactory quality;
 - (3) When procuring a facility or equipment under section 44502(a)(2) or 44509, subchapter I of chapter 471 (except section 47127), or chapter 481 (except sections 48102(e), 48106, 48107, and 48110) of this title -
 - A. The cost of components and subcomponents produced in the United States is more than 60 percent of the cost of all components of the facility or equipment; and
 - B. Final assembly of the facility or equipment has occurred in the United States; or
 - (4) Including domestic material will increase the cost of the overall project by more than 25 percent.
- (c) Labor Costs. - In this section, labor costs involved in final assembly are not included in calculating the cost of components.

* * * * *

Please note that approval of waivers listed under (b) (1) & (2) above, can only be approved by the FAA Office of Airports in Washington DC and approval is rare. Waivers listed under (b) (3) & (4) may be approved by FAA Regional or District Offices. A listing of Equipment and Products that have been approved and on the national waiver list may be located at: http://www.faa.gov/airports/aip/procurement/federal_contract_provisions/media/buy_american_waiver.xls

As a matter of bid responsiveness, the bidder or offeror must complete and submit this certification with their bid proposal. The bidder must sign and date the certification. The bidder/offeror must indicate how they propose to comply with the Buy America provision by selecting one of the following certification statements.

- The bidder hereby certifies that it will comply with Title 49 U.S.C Section 50101(a) by only installing steel and manufactured products produced in the United States of America. The bidder further agrees that if chosen as the apparent low bid, it will submit documentation to the owner that demonstrate all steel and manufactured products are 100% manufactured in the United States.**
- The bidder hereby certifies that it cannot fully comply with the Buy America preferences of Title 49 U.S.C Section 50101(a); the bidder therefore requests a waiver per Title 49 U.S.C Section 50101(b). The bidder further agrees that upon notification from the Owner, the bidder identified with the apparent low bid agrees to prepare and submit a waiver request and component calculation information to the owner within _____ calendar days of the date of the notice of apparent low bid.**

BIDDER: _____

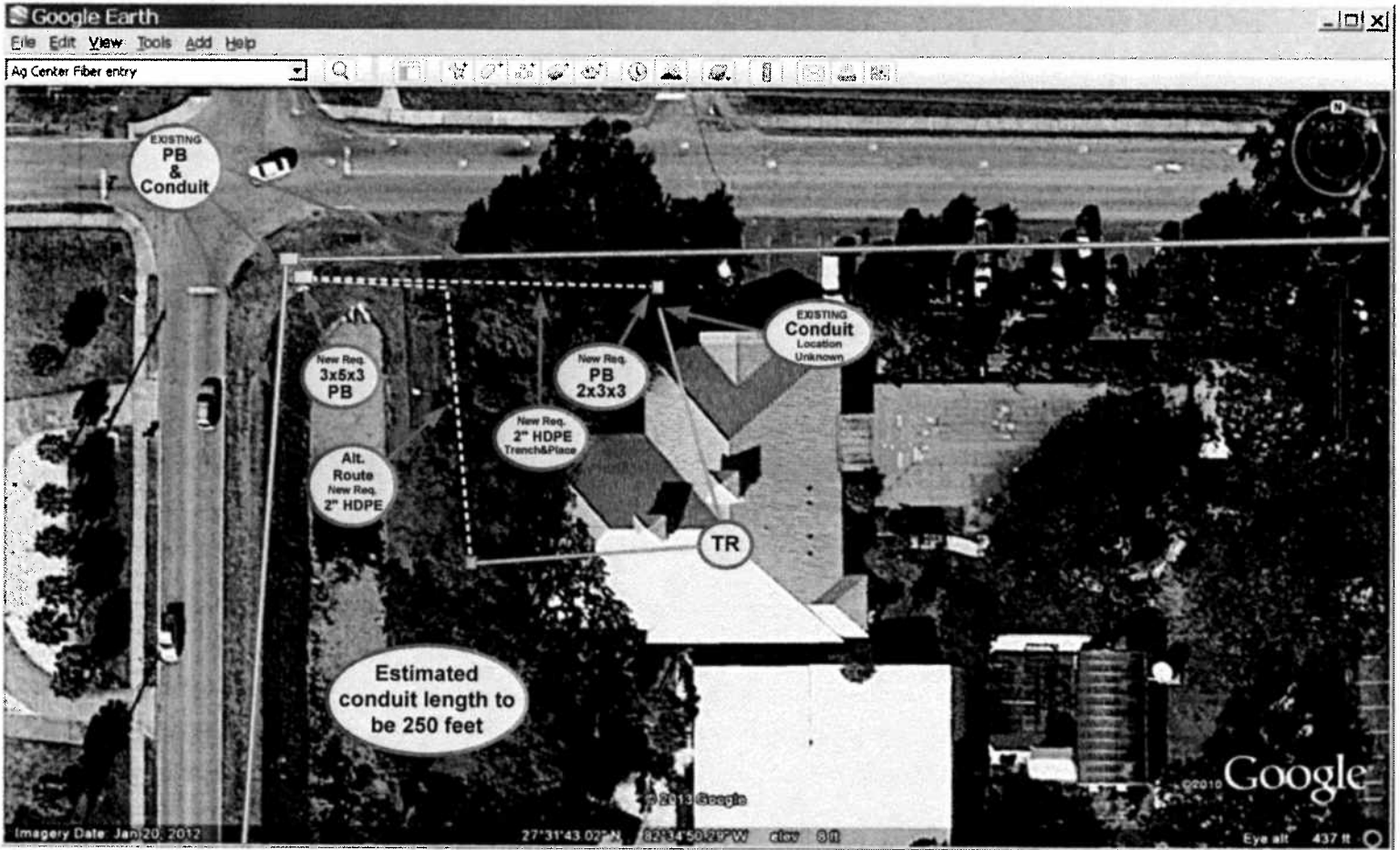
DATE: _____

AUTHORIZED SIGNATURE: _____

Add # 2

Site 1 – AG and Natural Resources

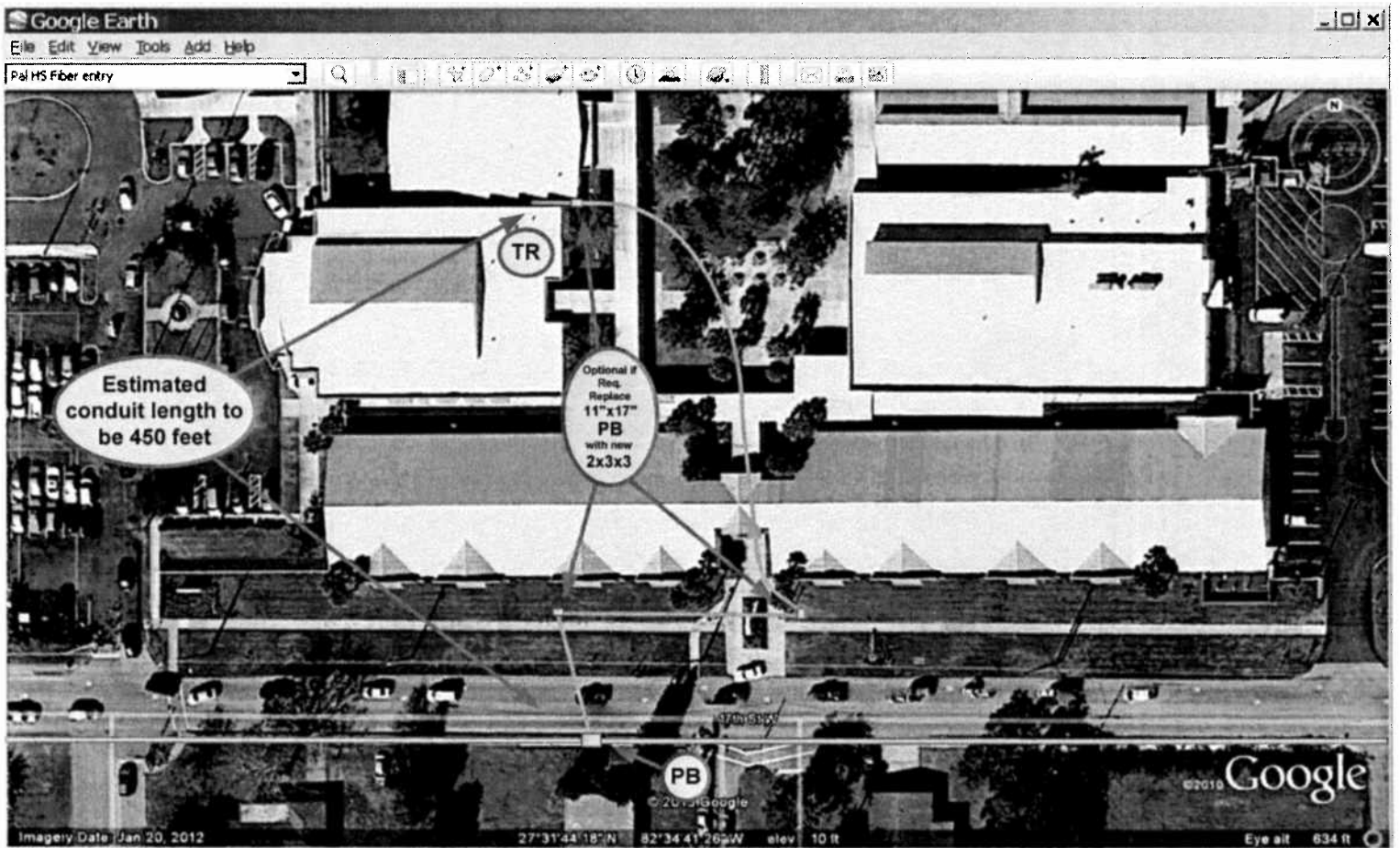
1303 17th St. W., Palmetto, Fl. 34221



Drawing 2

5-13-2013

Add #2
Site 2 – Palmetto High School
1200 17th Street, West, Palmetto, FL 34221

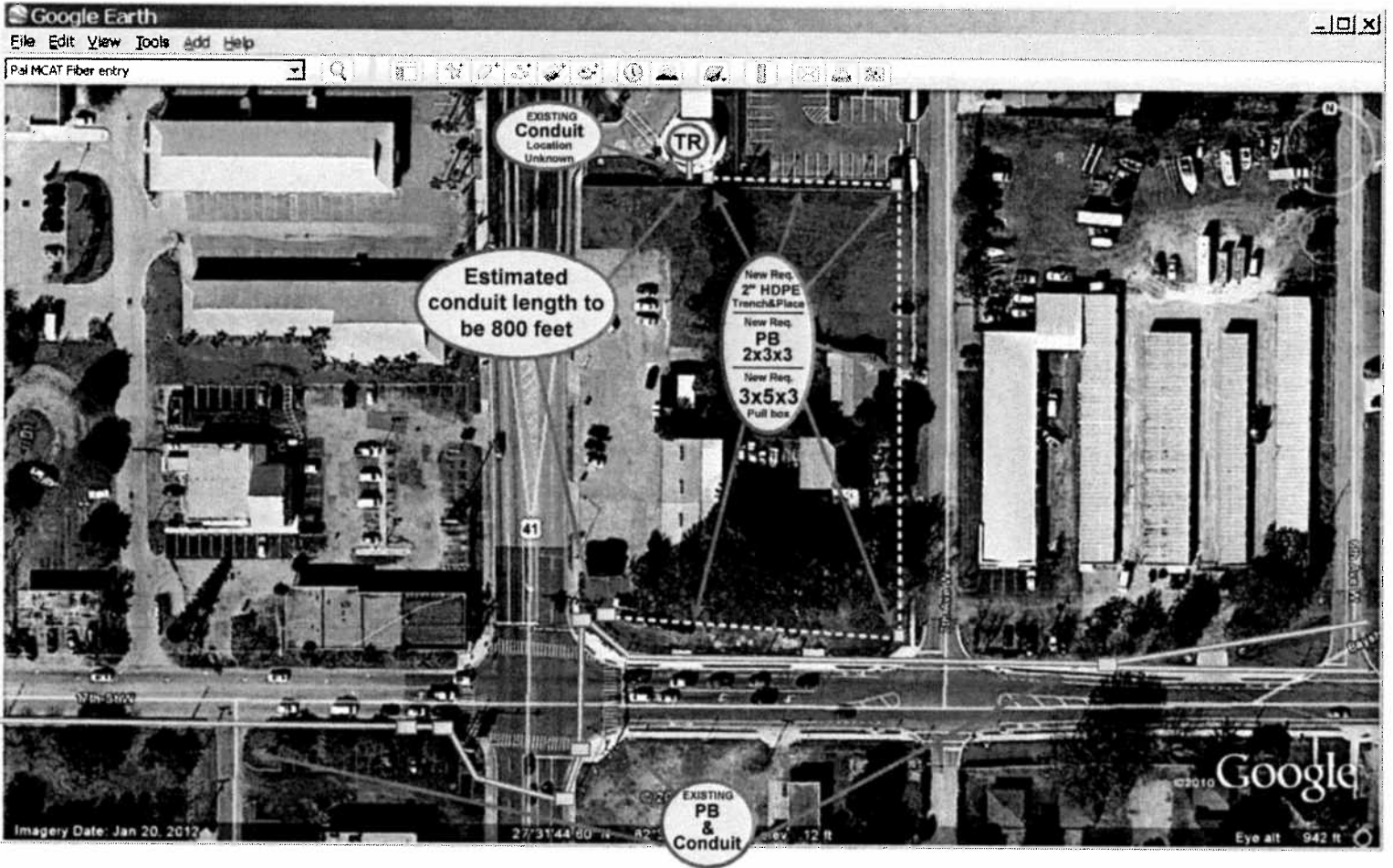


Drawing 3

5-13-2013

Add #2

Site 3 – Palmetto MCAT Bus Station
1802 8th Avenue West, Palmetto, FL 34221



Drawing 4

5-13-2013

Product Specifications

COMMSCOPE®

A d d #2



Systimax Solutions

760164616 | WBE-EMT-BK/2P-MOD

Wall Mount Building Enclosure configured for two G2 Modular Cassettes

Construction Materials

Material Type Steel

Dimensions

Depth 63.5 mm | 2.5 in
Height 279.40 mm | 11.00 in
Width 330.20 mm | 13.00 in
Weight 2.7 kg | 6.0 lb

General Specifications

Product Type Surface mount enclosure
Application Accepts one RoloSplice | Accepts two G2 modular cassettes
Color Black

Regulatory Compliance/Certifications

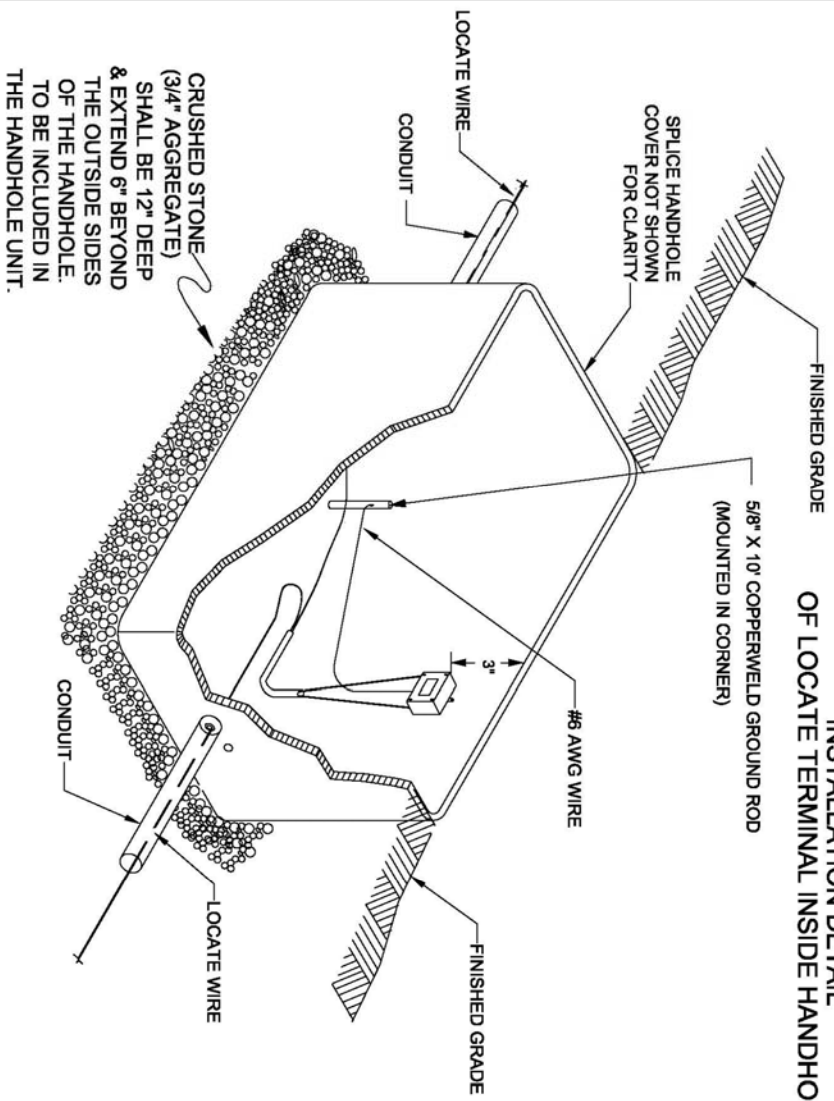
Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



5-13-2013



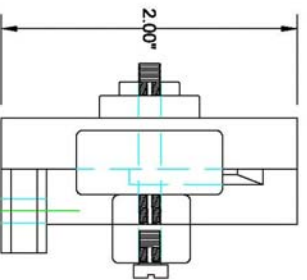
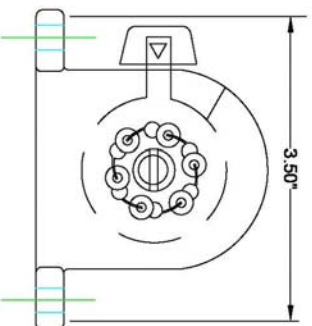
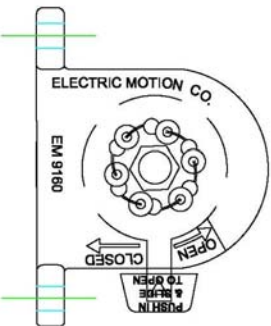
DETAIL "3"
INSTALLATION DETAIL
OF LOCATE TERMINAL INSIDE HANDHOLE



NOTE: FIBER CABLE OMITTED FOR CLARIFICATION PURPOSES

- NOTES:**
1. C&P CONTRACTOR SHALL INSTALL THE FOLLOWING FINISHED MATERIALS:
 - SPICE HANDHOLE
 - SPICE HANDHOLE
 2. THE CONTRACTOR WILL FINISH AND INSTALL THE PIPE, LENGTH AS REQUIRED PER THE DRAWINGS SUPPLIED.
 3. A AFTER CONNECTION OF THE GROUND WIRE, THE CONTRACTOR SHALL SEAL THE ENDS OF THE CONDUIT TO PREVENT THE ENTRY OF MOISTURE.
 4. AFTER INSTALLATION THE CONTRACTOR SHALL SEAL ALL HOLES IN THE CONDUITS WITH APPROVED MATERIAL TO PREVENT THE ENTRY OF MOISTURE.
 5. MANHOLES SHOULD BE PLACED 1/2 IN WITH THE STATE BOUNDARY SIGN.

REFER TO ELECTRIC MOTION CO., INC.
PART NO. EM9160 (INSULATION DISPLACEMENT CLAMP ASSEMBLY
FOR ASSEMBLY INSTRUCTIONS



DATE:		
ENGINEER:		
DRAWN BY:		
REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE
 HORIZONTAL: _____
 VERTICAL: _____
 SHEET _____ OF _____
 SHEET #: Locate Detail