



CITY OF CONROE

Est. 1904

City of Conroe
PO Box 3066
Conroe, Texas 77305

ADDENDUM NO. 1

DATE ISSUED: 4/1/2021

PROJECT NAME: 0408-2021 Network Cabling – Conroe Central Waste Water Treatment Plant

This revision shall be considered part of the contract documents for the above named project, and shall be incorporated integrally with the previously issued documents. Wherein provisions of the revisions differ from the provisions of the original documents and/or the provisions of previously issued addendum, the provisions of this revision shall govern and take precedence.

Scope Clarification Questions

- Can you confirm the usage of OM3 fiber? It appears the longest portion of the cabling run is 3k feet long (~983 meters). Distance limitations for OM3 are 550m.
 - After research it is determined that single mode fiber is required. There will be 5 separate single mode fiber runs identified by color on the attached map.

- Can you verify the fiber lengths on the Site Plan? For example, it says from #4 to #5 is 86' and #5 to #6 is 68'; Point #5 to #6 is a significantly longer line on the drawing but shows to be shorter in the chart.
 - Fiber conduit lengths have been verified and updated on the attached map.

- Are points #8 and 10? going to be splice points or will the cable route from point #6 to #7 then back to #6 and on to point #8?
 - The attached updated map has been updated to reflect all points. There are no splices between the building and final termination points.

- We have previously used Corning fiber on other City of Conroe projects. Is Corning fiber an acceptable alternative to the specified OFS fiber?
 - Corning is preferred

Company Name _____



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- Can you verify that you want the cabling contractor to supply and install the eight (8) or more rack mounted copper to multimode fiber converters? Typically these are installed in the network switch as an SFP module. Please provide a part number or more detailed information as we will need to know what fiber connections and network speed are needed.
 - The City does want rack mounted media converters independent of any networking equipment. These should LC connectors 1GB or faster. This can be discussed in further detail after bid award.

General Questions by phone

- Will the vendor be providing hardened switches at the termination points?
 - The City will supply switches at all buildings and termination locations.
- Has the bid date moved?
 - No – submission due date is 4/15/21

Attachments:

- Facility Fiber CCWWTP Map
- Drawings with Facility Fiber

By the signature affixed below, Addendum No. 1 is hereby incorporated into and made a part of the above referenced solicitation.

ACKNOWLEDGED:

Authorized Signature

Printed Name

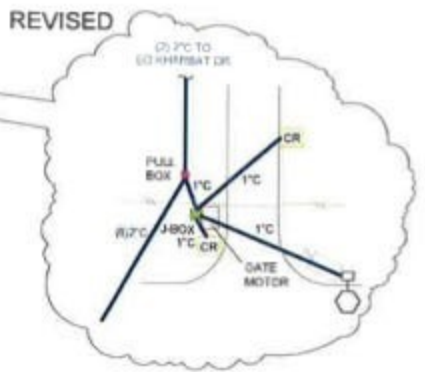
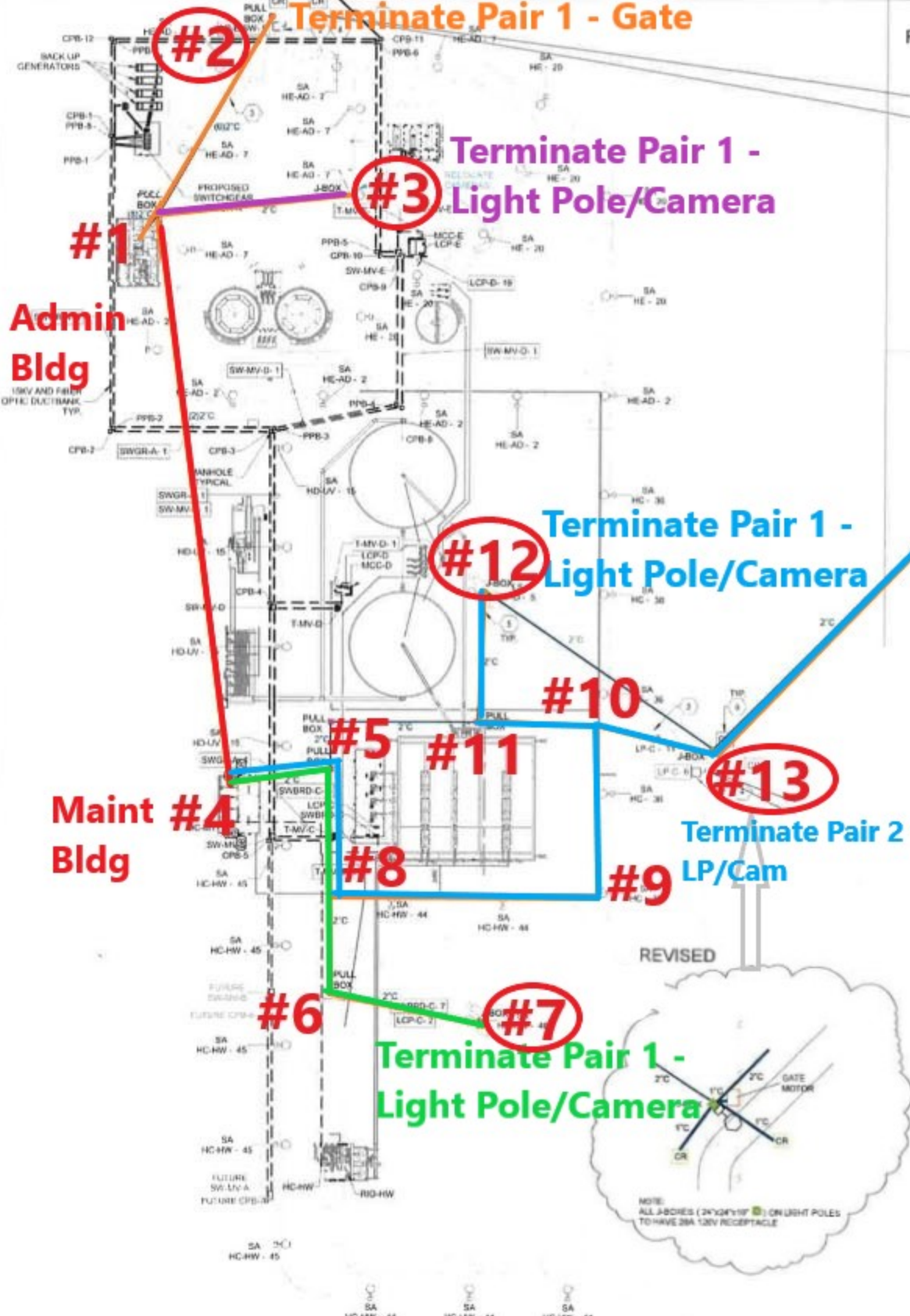
Respondent/Contractor

Date

Kristina Colville

Kristina Colville, Purchasing manager

Terminate Pair 1 - Gate



GENERAL NOTES

- EQUIPMENT BY OTHER DISCIPLINES IS SHOWN SHADED. REFER TO THE OVERALL SITE PLAN ON SHEET E00.100 FOR MCC LOCATIONS AND DUCTWAYS.
- REFER TO SHEET E00.100 FOR THE CONDUIT SCHEDULE.
- REFER TO SHEET E00.101 FOR THE SWITCHGEAR ONE-LINE.
- PROVIDE AN EQUIPMENT PAD FOR ALL 1-MV TRANSFORMERS AND 8V-MV PADMOUNT SWITCHES. REFER TO DETAIL SHEET 802.

KEYED NOTES

- PROVIDE 2\"/>

KEY PLAN

REVISIONS

NO.	DESCRIPTION	DATE

FILE LOG

Manager	WES
Design	MCM
Draw	NS
Check	RLG

STAMP

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MORRIS MCINTIRE
MORRIS
MORRIS

Lockwood, Andrews & Newnam, Inc.
Texas Registered Engineering Firm F-2614



Project No. 120-11664-000
Date: May 2019

OVERALL SITE PLAN

- #1 to #2 - 420' - Admin Bldg to Gate
- #1 to #3 - 214' - Light Pole/Camera
- #1 to #4 - 820' - Admin bldg to Maint bldg
- #4 to #5 - 86' #5 to #8 - 140'
- #6 to #7 - 176' - Light Pole/Camera
- #4 to #5 - 86' #5 to #8 - 140'
- #8 to #9 - 350' #9 to #10 - 168'
- #10 to #11 - 160'
- #11 to #12 - 140' - Light Pole/Camera
- Loop back from #12 to #11 - 140'
- #11 to #10 - 160'
- #10 to #13 - 160' - Gate/Camera
- #13 to #14 - 720'
- #14 to #16 - 240' - Gate
- #16 to #17 - 120' - Light Pole/Camera
- #17 to #18 - 320' - Gate/Camera

Each color represents one 12-strand single mode fiber.

○ Represents termination point

