CITY OF TAMPA



Bob Buckhorn, Mayor

CONTRACT ADMINISTRATION DEPARTMENT

Michael W. Chucran, Director

ADDENDUM NO. 1

DATE: April 7, 2017

Contract 17-C-00024; West Tampa Elevated Water Storage Tank Illumination

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

- Item 1: Replace the entire set of plans with attached set of plans
- Item 2: Table of Contents: Add "Supplementary General Provisions" beneath "General Provisions".
- Item 3: Insert the attached Supplemental General Provisions after the General Provisions page G-10.
- Item 4: Replace section S16.0 of the Specific Provisions with the following:

S16.0 WATER AND ELECTRIC SERVICES

The City will provide potable water service from existing connections at the work site. The quantity of water available is limited to that which might flow from a hose connection. Any other water required by the Contractor for the Work shall be the responsibility of the Contractor and shall be supplied from his own source of supply (tanker trucks or the like). Construction and removal of piping from existing connections and/or use of a separate construction water service shall be the responsibility of the Contractor, and such cost shall be included in the Lump Sum Price and no separate payment will be made therefore.

The Contractor may utilize power that may be available at existing 120V electrical outlets located in the vicinity of the Work. Additional power, if necessary, will be the responsibility of the Contractor.

This provision supersedes General Provisions Sections G-7.01 and G-7.02 and Supplementary General Provisions Section 2.6 pertaining to General Provisions Section G-7.01 and G-7.02.

Item 5: Add the following section S19.0 to the Specific Provisions:

S19.0 RECORD DRAWINGS

During the course of the Work, the Contractor shall maintain, at the site, a clean undamaged set of Contract Documents. The Contractor shall mark the Construction Documents on a daily basis showing the location, progress of the Work, and deviations, if any.

306 E. Jackson Street, 4N • Tampa, Florida 33602 • (813) 274-8456 • FAX: (813) 274-8080



West Tampa Elevated Water Storage Tank Illumination Addendum 1 April 7, 2017 Page 2

> The drawings and specifications book shall be on-site at all times and available for review by the City. Failure of Contractor to have the Contract Documents and/or have them up to date may result in suspension of the Work until the situation is corrected. Extension of the Contract Time will not be granted for such condition.

At the conclusion of the Work, the Contractor shall provide the City with one complete set of Electronic Record Drawings (AutoCAD DWG) incorporating any changes (an un-marked set of construction drawings (AutoCAD DWG) will be provided to the Contractor by the City for this purpose).

Item 6: Attached for reference is the pre-bid meeting sign-in sheet.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect. Questions are to be e-mailed to Contract Administration@tampagov.net.

> Jim Greiner Jim Greiner, P.E., Contract Management Supervisor

CITY OF TAMPA

CONTRACT NUMBER 17-C-00024

WEST TAMPA WATER TANK ILLUMINATION PROJECT

(2201 N. HIMES AVENUE, TAMPA FLORIDA 33607)

PREPARED FOR

City of Tampa Water Department

DRAWING SCHEDULE

COVER SHEET

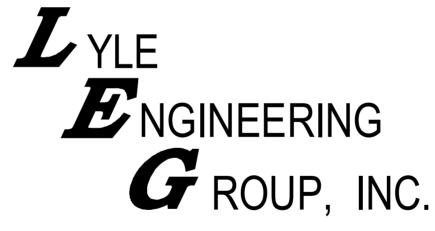
E0.1 SITE LIGHTING PLAN

E0.2 SITE PICTURES

E1.1 DETAILS, LEGENDS & SCHEDULES

S0.1 LUMINAIRE MOUNTING PLAN

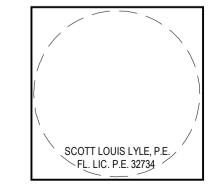
PREPARED BY



CONSULTING ENGINEERS 8308 N. SAULRAY ST. TAMPA, FLA. 33604 Phone: 813-935-5009

www.lyleengineeringgroup.com

CA5380



JAMES R. MEHLTRETTER
FL. LIC. P.E. 33860

MASTER
CONSULTING
ENGINEERS, INC.

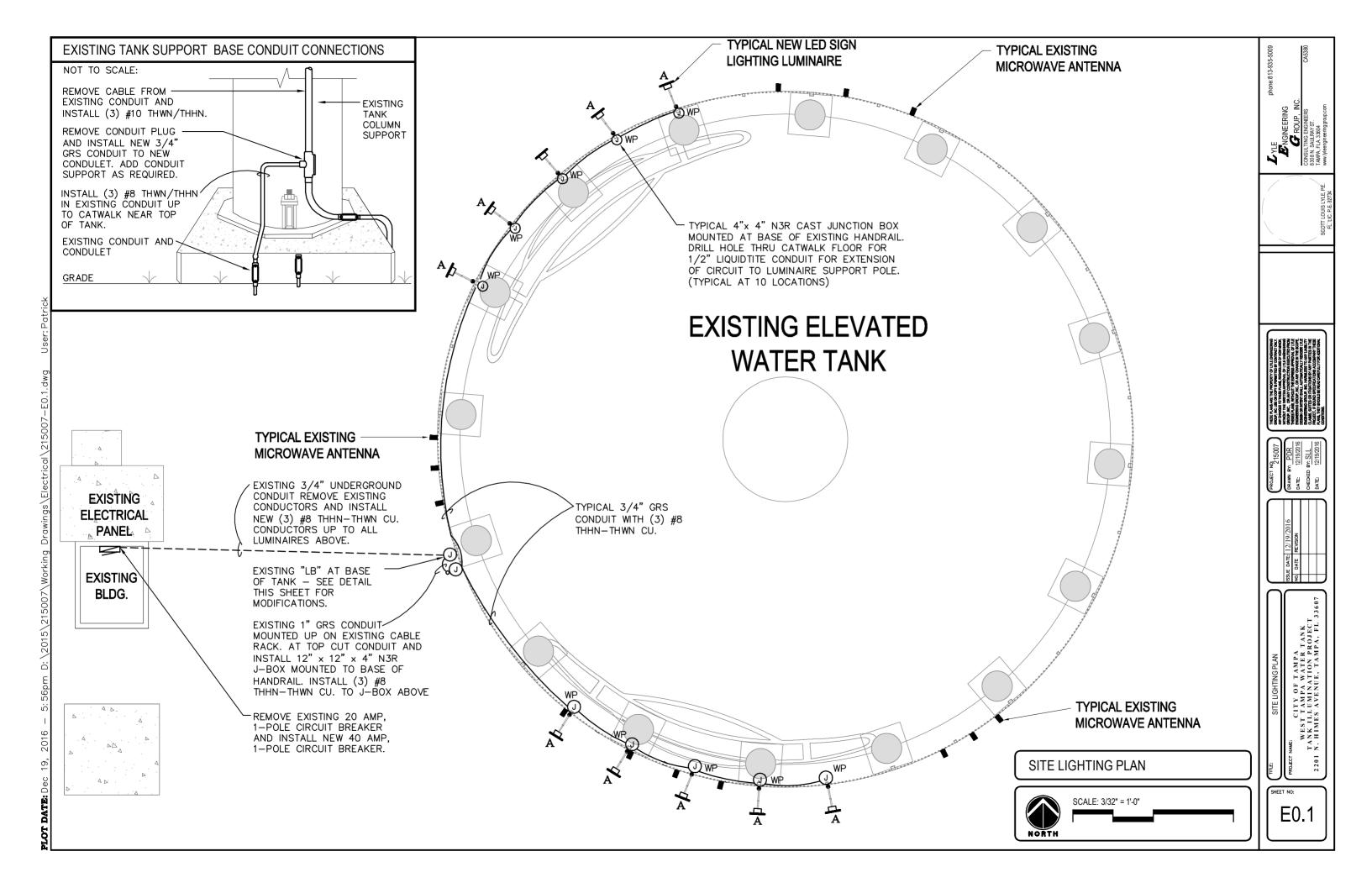
5523 WEST CYPRESS ST., #200 TAMPA, FLORIDA 33607 813.287.3600 FAX 813.287.3622 www.mcengineers.com

CA: 8426

DECEMBER 19, 2016

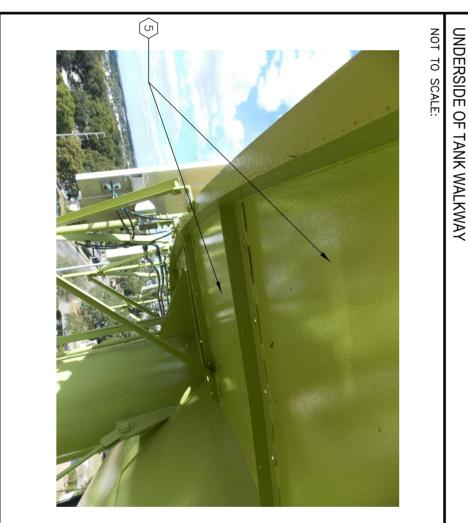
LOCATOR MAP

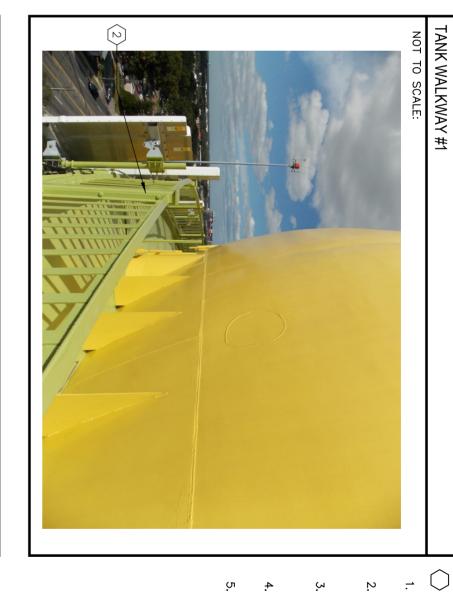












NOTES

- N3R JUNCTION BOXES TO BE MOUNTED TO GUARDRAIL SUPPORTS.
- NEW RIGID ALUMINUM CONDUIT TO BE SECURED TO WALKWAY DECKING WITH CONDUIT STRAPS. SUPPORTS FOR LUMINAIRE POLE ASSEMBLY TO BE WELDED TO EXISTING HANDRAIL SUPPORT.
- REVISE EXISTING ELECTRICAL FOR POWER TO NEW LUMINAIRES.

DRILL HOLE IN WALKWAY DECKING FOR METALLIC LIQUIDTITE CONDUIT FROM BOX TO NEW LUMINAIRE SUPPORT POLE.

SITE PICTURES E0.2 PROJECT NAME:

CITY OF TAMPA
WEST TAMPA WATER TANK
TANK ILLUMINATION PROJECT
2201 N. HIMES AVENUE, TAMPA, FL 33607

SITE PICTURES

SSUE DATE: 12/19/2016 NO. DATE REVISION

NO: 215007 ry: <u>PDR</u> 12/19/2016 DATE: CHECKED BY: SLL DATE:

SCOTT LOUIS LYLE, P.E. FL. LIC. P.E. 32734

LYLE
NGINEERING
ROUP, INC. phone:813-935-5009 CONSULTING ENGINEERS 8308 N. SAULRAY ST. TAMPA, FLA. 33604 www.lyleengineeringgroup.com CA5380

N.

ELECTRICAL NOTES

- A. ALL WORK TO CONFORM WITH THE LATEST REQUIREMENTS OF NATIONAL, STATE, AND LOCAL ELECTRICAL CODES.
- B ALL SERVICE EQUIPMENT TO CONFORM TO REQUIREMENTS OF LOCAL POWER COMPANY.
- C. PROVIDE LABOR, MATERIAL AND EQUIPMENT NECESSARY TO FURNISH COMPLETE ELECTRICAL SYSTEM(S).
- D. ALL CONDUCTORS SHALL BE SOLID COPPER, 600 VOLT WITH MINIMUM SIZE OF #12 AWG. THWN UNLESS OTHERWISE SPECIFIED. WIRE SIZES OF #8 AND LARGER SHALL BE STRANDED
- E. ALL EQUIPMENT SHALL BE RATED FOR MAXIMUM AVAILABLE VOLTAGE AND GROUND FAULT CURRENT. ALL EQUIPMENT SHALL BE U.L. LISTED.
- F. CONTRACTOR SHALL MAINTAIN A COMPLETE TEMPORARY POWER AND LIGHTING SYSTEM DURING CONSTRUCTION.
- G. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FOR ONE YEAR.
- H. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL ELECTRICAL PERMITS AND INSPECTIONS.
- I. ALL WIRE SHALL BE INSTALLED IN CONDUIT. ALL EXPOSED CONDUIT SHALL BE RIGID GALVANIZED STEEL OR ALUMINUM. CONDUIT INSTALLED BELOW SLAB, ON GRADE OR UNDERGROUND MAY BE SCHEDULE 40 PVC (3/4" MINIMUM). ALL CONDUIT SHALL BE CONCEALED WHERE POSSIBLE AND PAINT TO MATCH EXISTING CONDITION.

PROVIDE ALL REQUIRED SUPPORTS FOR MATERIAL AND EQUIPMENT.

- J.
 PROVIDE GREEN GROUND WIRE IN EACH RACEWAY. SIZE WIRE IN ACCORDANCE WITH TABLE
 K. 250.122 OF THE NATIONAL ELECTRICAL CODE.
- PANELBOARDS, CIRCUIT BREAKERS, DISCONNECT SWITCHES, STARTERS, TIMECLOCKS, OR OTHER
 L. ELECTRICAL APPARATUS INSTALLED FOR THE OPERATION OF ANY EQUIPMENT SHALL BE PROPERLY IDENTIFIED WITH ENGRAVED LAMINATED PLASTIC NAMEPLATES ATTACHED TO EQUIPMENT BY TWO PART EPOXY.
- ALL WIREWAYS, PULLBOXES, OUTLET AND JUNCTION BOXES SHALL BE PROPERLY SIZED PER THE M. NATIONAL ELECTRICAL CODE, PULL AND OUTLET BOXES SHALL HAVE ALL WIRING TAGGED TO INDICATED PANEL AND CIRCUIT NUMBERS.
 - ALL FUSES WHEN REQUIRED SHALL BE BUSMANN SIZED PER EQUIPMENT REQUIREMENTS.
- PROVIDE BACKBOX AND CONDUIT DISTRIBUTION SYSTEMS AS INDICATED ON THE DRAWINGS.

 O. VERIFY ALL LOCATIONS WITH THE TELEPHONE COMPANY. WHERE INDIVIDUAL OUTLETS ARE SHOWN PROVIDE FLUSH OUTLET BOX WITH BLANK COVER (MOUNTED AT 18" A.F.F.) AND A 3/4" CONDUIT INSTALLED IN WALL FROM THE BOX TO A POINT ABOVE THE CEILING.
- CONTRACTOR SHALL VISIT JOB SITE PRIOR TO BID AND BE FAMILIAR WITH ALL EXISTING P. CONDITIONS.

SPECIAL CONDITIONS

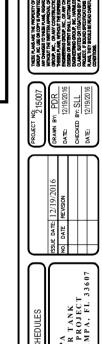
PROVIDE (2) TWO COPIES OF TECHNICAL DATA FOR ALL ELECTRICAL EQUIPMENT FURNISHED.

PROVIDE RECORD DRAWINGS UPON COMPLETION OF WORK. PRESENT THE OWNER WITH (3) THREE RECORD SETS OF RECORD DRAWINGS. RECORD DRAWINGS SHALL BE UPDATED DAILY.

PROVIDE THE OWNER WITH INSTRUCTION IN THE OPERATION OF ALL ELECTRICAL SYSTEMS.

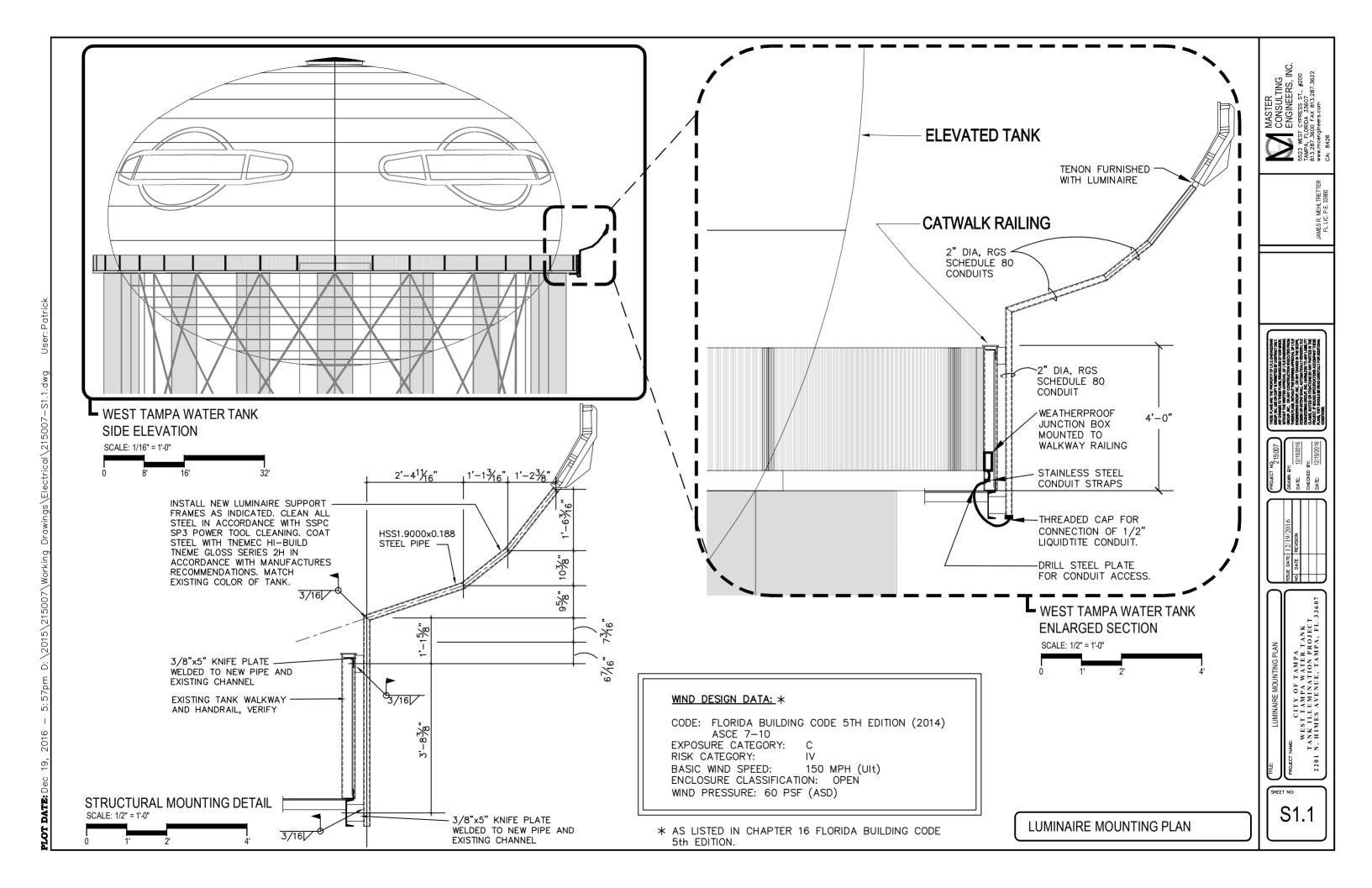
PROVIDE THE OWNER WITH (2) TWO SETS OF MAINTENANCE AND OPERATIONS MANUAL FOR ALL ELECTRICAL EQUIPMENT.

SYM.	MANUFACT.	CATALOG NO.	LAMPS	VOLTS	WATTS	LOCATION/MTG.	REMARKS
Α	McGRAW- EDISON	MAQ-B120-7-LED- E1-SW-BZ-FM	LED	120	261	POLE MTD.	CUSTOM PAINT TO MATCH TANK
NOTE	-c.						



SHEET NO:

E1.1



SUPPLEMENTARY GENERAL PROVISIONS

1.0 GENERAL:

- 1.1 This Section sets forth modifications to the "General Provisions" of the Contract Documents which are referred to as Specifications, General Provisions.
- 1.2 Paragraph numbers and titles used herein refer to similarly numbered and titled articles in the General Provisions.
- 1.3 Only those paragraphs contained herein shall be assumed to be modified. Paragraphs not appearing herein shall apply as written in the General Provisions.
- Any portion of the General Provisions, whether or not modified herein, may be further modified in Special Conditions and in the Instructions to Bidders of these Specifications.
- <u>1.5</u> Where the Supplementary General Provisions, Special Conditions and Instructions to Bidders conflict with the General Provisions, the Supplementary General Provisions, Special Conditions and the Instructions to Bidders shall take precedence.

<u>2.0 MODIFICATIONS TO THE GENERAL PROVISIONS AS FOLLOWS:</u>

2.1 SECTION 1 SCOPE AND INTENT

G-1.02 WORK INCLUDED

The first paragraph shall be deleted in its entirety and replaced by the following paragraph:

"The Contractor shall furnish all labor, superintendence, materials, plant, power, light, heat, fuel, water, tools, appliances, equipment, supplies, and other means of construction necessary or proper for performing and completing the work. He shall obtain all required permits. He shall perform and complete the work in the manner best calculated to promote rapid construction consistent with safety of life and property and to the satisfaction of the Engineer, and in strict accordance with the Contract Documents. The Contractor shall clean up the work and maintain it during and after construction, until incidental thereto. He shall repair or restore all during performance of the work."

2.2 SECTION 3 WORKING DRAWINGS

a. Change to read as follows:

SECTION 3 SHOP DRAWINGS

b. Replace the existing paragraphs in their entirety with the following paragraphs:

G-3.01 SCOPE

Shop drawings, schedules, etc., shall be submitted to the Engineer and/or Architect in quadruplet, accompanied by a letter of transmittal. Subcontractors and suppliers shall submit shop drawings and make requests for approvals through their respective prime Contractors.

The drawings shall be numbered consecutively and shall accurately and distinctly present the following:

(1) Names of equipment or materials, and the locations at which the equipment or materials are to be installed in the work.

- (2) All working and erection dimensions.
- (3) Arrangement and sectional views.
- (4) Necessary details, including complete information for making connections between work under this contract and work under other contracts.
- (5) Kinds of materials and finishes.
- (6) Parts list and description thereof.

The Engineer and/or Architect may decline to consider any shop drawing that does not contain complete data on the work and full information of related matters.

Fax submittals will not be reviewed.

G-3.02 APPROVAL:

Shop drawings shall be examined by the Contractor prior to his transmitting them to the Engineer and/or Architect. Shop drawings submitted to the Engineer and/or Architect shall bear the Contractor's stamp of approval evidencing that he has examined and checked each drawing and that he has found said drawings to be in accordance with the Contract requirements. Any drawings submitted without this stamp will not be considered by the Engineer and/or Architect and will be returned to the Contractor for re-submission.

If the shop drawings show departures from the Contract requirements, the Contractor shall make specific mention thereof in his letter of submittal and the following shall be submitted:

- (1) Each request shall include a complete description of the proposed substitute and the name of the material or equipment for which it is to be substituted.
- (2) Furnish drawings, cut, manufacturer's printed specifications, performance and test data and any other data or information necessary for a complete evaluation of <u>both</u> the item specified and the proposed substitute item.

Approval of the drawings shall constitute approval of the subject matter thereof only and not of any structure, material, equipment or apparatus shown or indicated.

Approval of the drawings shall be general and shall not relieve the Contractor of responsibility for the accuracy of such drawings, nor for the quantities of materials and equipment, nor for the proper fitting and construction of the work, nor for the furnishing of materials, tools, equipment, etc., required by this contract and not indicated on the drawings.

No work called for by Shop Drawings shall be done until the said drawings have been approved by the Engineer and/or Architect.

The Contractor shall revise and resubmit the shop drawings as required by the Engineer and/or Architect until approval thereof is obtained.

The City shall retain four (4) copies of all submittals unless the Engineers and/or Architect makes a specific request for additional copies.

<u>Items</u> <u>Submittals</u> <u>*Approval</u>

All trade Fourteen (14) Days Fourteen (14) Days

Delays on account of tardy or untimely submittals will not be considered as causes of extension of time of the Contract or increases to the Contract Sum.

G-3.03 JOB SITE:

One (1) copy of all approved submittals SHALL BE available at the job site.

2.3 SECTION 4 MATERIALS AND EQUIPMENT

G-4.01 GENERAL REQUIREMENTS

In the first paragraph, second line, delete the word "specifications" and substitute the words "Contract Documents". G4.03 REFERENCE TO STANDARDS

The following paragraph shall be added in its entirety:

"Compliance with the Standard Building Code, latest edition, and all local electrical and plumbing codes shall be required.

In the event of a conflict in code requirements, the most stringent code or standard shall apply."

G-4.05 EQUIVALENT QUALITY

Add the following sentence to paragraph two: "Any professional fees associated with shop drawing review of materials or equipment submitted for approval as equivalent to that specified shall be borne by the Contractor.

2.4 SECTION 5 INSPECTION AND TESTING

G-5.06 PRELIMINARY FIELD TESTS

G-5.07 FINAL FIELD TEST

A.Add the following sentence to BOTH of the above paragraphs:

The Contractor shall provide, at NO EXTRA COST to the City, ALL labor, tools, equipment, materials, etc., for the Engineer and/or Architect to make any field test that may be required in the judgement of the Engineer and/or Architect.

G-7.07 TELEPHONE

The Contractor shall furnish the Engineer with a telephone number(s) by which the Engineer may contact the site.

2.7 SECTION 14 MISCELLANEOUS

G-14.04 USE OF EXPLOSIVES:

Explosives will not be used on the work except when authorized by the Engineer and/or Architect. The use of same, if authorized, shall conform to laws or ordinances which may pertain to the use of same and the utmost care will be exercised by the Contractor so as not to endanger life or property. The Contractor will assume full responsibility in connection with use of any explosives even though authorized. Explosives will not be stored within the City limits.

^{*}From date of receipt of submittal.

G-14.05 OWNERSHIP OF MATERIALS:

The removal of any underground and surface structures as required shall be performed in a careful manner to permit salvaging of as much material, such as pipe and brick, also broken section of sidewalk, as practical for use in repair and maintenance of City-owned facilities.

Such acceptable salvaged material remains the property of the City and shall be placed in stock piles so as not to interfere with new construction work but accessible for loading and hauling by the City or by the Contractor within the free haul limit of six (6) miles. The Engineer and/or Architect shall direct the Contractor as to the location of stockpile.

The paving material, such as vitrified brick, asphalt block and other paving materials removed from the excavated areas and suitable for reuse but not reused in the work, shall also be considered the property of the City. The handling of such materials shall be as set forth elsewhere in the Specifications or Special Provisions.

G-14.06 NOTICE OR SERVICE THEREOF:

All notices, which shall include demands, instructions, requests, approvals and claims, shall be in writing.

Any notice to or demand upon the Contractor shall be sufficiently given if delivered to the office of the Contractor specified in the bid (or to such other office as the Contractor may, from time to time, designate to the City in writing), or if deposited in the United States mail in a sealed, postage-prepaid envelope, or delivered, with charges case addressed to such office.

All notices required to be delivered to the City shall, unless otherwise specified in writing to the Contractor, be delivered to the Engineer and/or Architect, Department of Public Works, Municipal Office Building, 4th Floor North, City Hall Plaza, Tampa, Florida 33602, and any notice to or demand upon the City shall be sufficiently given if delivered to the office of the said Engineer and/or Architect, or if deposited in the United States mail in a sealed, postage- prepaid envelope, or delivered with charges prepaid to any telegraph company for transmission, in each case addressed to said Engineer and/or Architect or to such other representative of the City or to such other address as the City may subsequently specify in writing to the Contractor for such purposes.

Any such notice or demand shall be deemed to have been given or made as of the time of actual delivery or (in the case of mailing) when the same should have been received in due course of post or (in the case of telegram) at the time of actual receipt, as the case may be.

G-14.07 REQUIREMENTS FOR CONTROL OF THE WORK:

Prior to the start of the work included in this contract, a Preconstruction Conference will be held by the Engineer and/or Architect to be attended by the Contractor and representatives of the various utilities and others for the purpose of establishing a schedule of operations which will coordinate the work to be done under this contract with all related work to be done by others within the limits of the project. The Contractor shall be prepared for this meeting and shall present a comprehensive construction schedule for all items of work to be accomplished by him, which will be used as the basis for the development of an overall operational schedule and a list of subcontractors to be used on this work.

All items of work on this contract shall be coordinated so that progress on each related work item will be continuous from week to week. The progress of the work will be reviewed by the Engineer and/or Architect at the end of each week, and if the progress on any item of work during that week is found to be unsatisfactory, the Contractor shall be required to adjust the rate of progress on that item or other items as directed by the Engineer and/or Architect.

The Contractor shall conduct his operations in such a manner as will result in a minimum of inconvenience to occupants of adjacent homes and business establishments and shall provide temporary access as directed or as conditions in any particular location may require.

G-14.08 WORK DIRECTIVE CHANGE:

"A Work Directive Change is a written directive to the Contractor, issued on or after the date of the execution of the Agreement, and signed by the Engineer on behalf of the City, ordering an addition, deletion or revision in the work, or responding to an emergency. A Work Directive Change will not change the contract price or the time for completion, but is evidence that the parties expect that the change directed or documented by a Work Directive Change will be incorporated in a subsequently issued Change Order following negotiations by the parties as to its effect, if any, on the contract price or the time for completion. "Without invalidating the Agreement, additions, deletions or revisions in the Work may, at any time or from time to time, be authorized by a Change Order or a Work Directive Change. Upon receipt of any such document, the Contractor shall promptly proceed with the work involved."

G-14.10 EROSION AND SEDIMENT CONTROL:

During construction, the Contractor shall provide adequate erosion and sediment controls to prevent adverse effects to the environment and public and private property. He shall construct and maintain control structures necessary to prevent erosion and sediment. He shall conduct and schedule construction operations to avoid, prevent, and minimize erosion and sediment. He shall comply with City, County, State, and Federal codes, laws, and regulations and the plans and specifications for this project pertaining to erosion and sediment prevention and control.

At the Preconstruction Conference, the Contractor shall present a plan for erosion and sediment prevention and control. This plan shall include the operations methods, also temporary and permanent control measures and structures to be used on this project.

G-14.12 PROJECT SIGNS:

The Contractor shall furnish and install, as directed by the Engineer and/or Architect, a project sign of design, size, color, etc., as per drawing page SIGN-1.

CONTRACT 17-C-00024; WEST TAMPA ELEVATED WATER STORAGE TANK ILLUMINATION; PRE-BID MTG. 4/4/2017, 2:00P.M.

E-Mail to Register as a Plan Holder and E-Mail All Questions to ContractAdministration@tampagov.net

Sign-In Sheet Please Print City of Tampa, Contract Administration De					
L	Name	Organization	E-Mail OR Phone		
1	Jody Gray	Tampa Contract Administration Dept.	jody.gray@tampagov.net		
2	7	Synerby GENTING INC	FRANK@Synerby lighTINGUSA. COM		
3	Bob Kobmson	Sheppard Elect. Sorvices	bobr@ chisesinc.com		
4	Mike Springstead	AGA Electric Services, Inc.	Mikes@anelestricservices.Con		
5	Justin Ellis	Himes Electric	Justin @ Himes Electric. (om)		
6	They wood work	Phinazee Construction	awma phinazee consulting. com		
7	JILLAN HOWARD	COT CONTRACT ADMIN	JILLIAN. HOWARD@TAMPAGO. NET		
8	John A. Farin	COT Wate.	John. ran on e tampa gov. Net		
9	Scott Lyle	Lyle ENGINEERING GROW	SLYLE @ LYLEENGINEERING GROWP.	com	
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