CITY OF TAMPA



Bob Buckhorn, Mayor

CONTRACT ADMINISTRATION DEPARTMENT

David L. Vaughn, AIA, Director

ADDENDUM NO. 2

DATE: April 2, 2014

Contract 13-C-00041; Howard F. Curren AWTP Methanol Feed Pump Replacement

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 Drawing Sheets G-1, G-3, and C-2 with the attached revised sheets G-1, G-3, and C-2 dated 3/31/14.
- Item 2: Breaker Clarification: The existing 400A circuit breaker which currently feeds MCC-598 is not stab connected (refer to attached photo). The second (new) feeder breaker may be installed in a similar fashion to what is existing.

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

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



PROJECT WORK SUMMARY:

THIS PROJECT ENCOMPASSES THREE DIVISIONS OF WORK THAT INCLUDES CIVIL, MECHANICAL, AND ELECTRICAL TRADES. ALL PROJECT WORK WILL BE ACCOMPLISHED TO MAINTAIN UNINTERRUPTED METHANOL FEED OPERATIONS:

CIVIL: THIS WORK GENERALLY INCLUDES INSTALLATION OF NEW 4 INCH METHANOL TRANSFER AND FEED LINES (FROM THE EXISTING METHANOL STORAGE TANK CONTROL VALVES AND STRAINER TO THE IMPROVED METHANOL PUMP STATION), DEMOLITION AND RECONSTRUCTION OF THE AFFECTED FACILITY DRIVEWAY WITH NEW CONCRETE CURBING, CONCRETE PADS, AND OTHER MISCELLANEOUS POURED. STRUCTURES. THE NEW METHANOL TRANSFER AND FEED LINES WILL BE INSTALLED IN A NEW TRAFFIC BEARING PIPE TRENCH AND GRATE AND A PRECAST SUMP AND ABOVE GRADE SELF-PRIMING SUMP PUMP WITH DISCHARGE PIPING DIRECTED O THE EFFLUENT CHANNEL. THE CIVIL WORK ALSO INCLUDES IMPROVEMENTS IN BUILDING DRAINAGE WITH THE INSTALLATION OF NEW STORM GUTTER LINES ON THE PUMP STATION STRUCTURE. TO BE DIRECTED AWAY FROM THE BUILDING

MECHANICAL: THIS WORK INCLUDES THE REMOVAL AND SALVAGE OF FOUR (4) EXISTING METHANOL PUMPS. FLOW METERS, AND RELATED EQUIPMENT AS NOTED ON THE PLANS, DEMOLITION AND REMOVAL OF EXISTING 2 INCH BLACK IRON PIPE AND APPURTENANCES, AND REPLACEMENT WITH FOUR (4) NEW PUMPS AND VALVES. PRESSURE SWITCHES. SPECIALTY PUMP PRESSURE CONTROLS AND EQUIPMENT. THE NEW EQUIPMENT WILL RECONFIGURED AND SUPPORTED WITH RELOCATED AND IMPROVED PIPE HANGERS AND PIPE SUPPORTS, STANCHIONS AND RELATED HARDWARE FOR THE NEW PIPING, VALVES, AND EQUIPMENT. ALL EXPOSED METALS WILL REQUIRE FIELD COATING AND ADDED COATING IN THE FIELD, AS SPECIFIED IN THE PLANS.

ELECTRICAL: THIS WORK WILL INCLUDE DEMOLITION OF THE EXISTING MOTOR CONTROL CENTER (MCC), INCLUDING THE CONTROL PANEL AND ANNUNCIATOR AND REMOVAL AND SALVAGE OF THE EXISTING GAS DETECTION EQUIPMENT. A NEW DOUBLE ENDED 480V MCC, 3 PHASE PANEL BOARD AND 480-120/208V. 3 PHASE TRANSFORMER TO SERVICE 120/208 V LOADS WILL BE INSTALLED IN PLACE OF THE FORMER MCC. A NEW METHANOL SYSTEM CONTROL PANEL WITH MAPLE TOUCHSCREEN GRAPHICS DISPLAY ANNUNCIATOR WILL BE INSTALLED. A NEW NEMA 4X ENCLOSURE WILL BE INSTALLED TO ENCLOSE THE EXISTING GAS DETECTION ANNUNCIATION EQUIPMENT. AN ADDITIONAL FEEDER CIRCUIT BREAKER IN EXISTING 'MCC 59" WILL BE PROVIDED TO THE NEW MCC (MCC59B) ALONG WITH TWO NEW FEEDER CIRCUITS.

LOCAL, STATE & FEDERAL STATUTES NOTE:

THE CONTRACTOR IS ADVISED THAT ALL CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT SHALL COMPLY WITH LOCAL, STATE AND FEDERAL RULES AND STATUTES, WHETHER SHOWN OR IMPLIED ON THE PLANS OR CONTRACT DOCUMENTS. THE FOLLOWING RULES, LAWS AND STANDARDS APPLY

THIS INCLUDES BUT IS NOT LIMITED TO:

OSHA PART 1926 CFR 29. SAFETY & HEALTH REGULATIONS FOR CONSTRUCTION, US CLEAN WATER ACT (CWA) SECTION 402(p)(6) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) FIRE PREVENTION CODE HANDBOOK, RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES (A.K.A. 10 STATE TANDARDS)

FLORIDA STATUTES CHAPTER 553 PART III- TRENCH SAFETY

FLORIDA STATUTES CHAPTER 553, PART IV-FLORIDA BUILDING CODE.

FLORIDA ADMINISTRATIVE CODE CHAPTER 62-604.

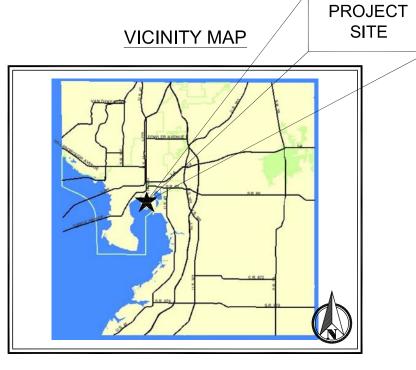
5) FLORIDA STATUTES CHAPTER 40D BUILES OF THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

HILLSBOROUGH COUNTY ENVIRONMENTAL PROTECTION COMMISSION (HCEPC) ENABLING ACT AND RULES.

IT IS THE INTENT OF THESE PLANS TO COMPLY WITH LOCAL, STATE, AND FEDERAL STATUTES. ANY DESIGN INFORMATION WHETHER SHOWN OR NOT SHOWN ON THE PLANS DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITIES TO COMPLY WITH ALL CODES, STATUTES AND RULES. THE CONTRACTOR SHALL INFORM THE ENGINEER IF THERE IS ANY QUESTION ABOUT THE INTENT OF THE PLANS AND THE REQUIREMENTS OF CODES, RULES, AND STATUTES.

HOWARD F. CURREN AWWTP METHANOL FEED **PUMP REPLACEMENT CONTRACT NO. 13-C-00041**





SECTION 30 RANGE 29 TOWNSHIP 19



Integrated Engineering Solutions for Florida's Water Environme RTIFICATE OF AUTHORIZ





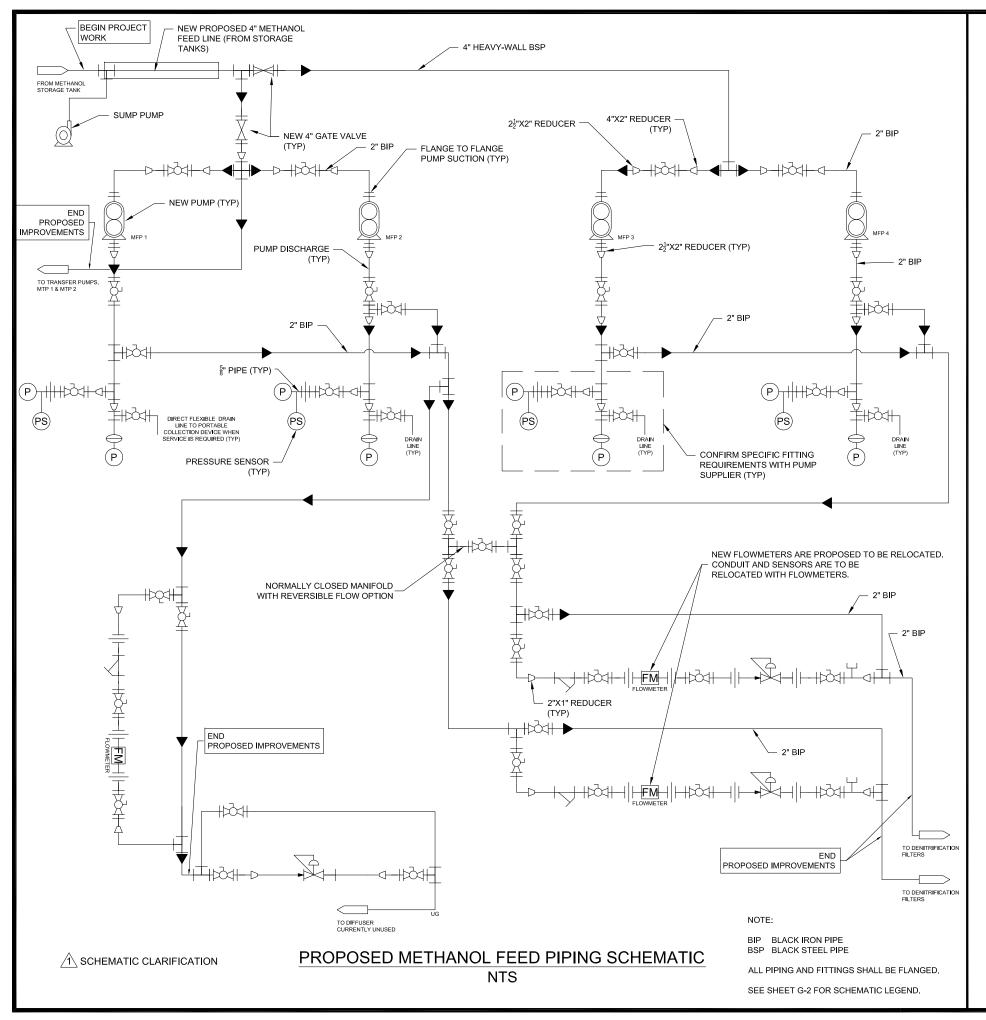
777 S. HARBOUR ISLAND BLVD., SUITE 870, TAMPA, FL 33602 TEL (813) 227-9190 FAX (813) 227-9195 COMPANY CERTIFICATE OF AUTHORIZATION 8363

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PREPARED FOR **CITY OF TAMPA WASTEWATER DEPARTMENT** 306 E. JACKSON STREET - 6E TAMPA, FL 33602

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MARK FLINT, P.E. #38627 ENGINEER OF RECORD	TIMOTHY THOMAS, P.E. #47079 ELECTRICAL ENGINEER							



MECHANICAL PIPING NOTES:

- LOCATION OF SYSTEM COMPONENTS.
- PUMPS.
- FEET.

- STEEL.
- 8. AND ADJUSTABLE THREADED RODS.
- 9. CONNECTIONS SHALL BE ALLOWED.
- FABRICATED IN THE FIELD.
- OF THE PUMP EQUIPMENT.
- ARE METHANOL RESISTANT.

