## THE CITY OF DAYTONA BEACH BETHUNE POINT WRF - PHASE I PROCESS UPGRADES UTILITIES PROJECT NO. 6872

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THE CITY OF DAYTONA BEACH
UTILITIES DEPARTMENT
ENGINEERING DIVISION

CITY MANAGER
JAMES CHISHOLM
UTILITIES DIRECTOR SHANNON T. PONITZ


NOTES

1. THE INFORMATION IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS WHICH WILL BE ENCOUNTERED DURING THE COURSE OF WORK. ACTUAL CONDITIONS MAY DEVIATE FROM THE INFORMATION SHOWN IN THE PROJECT DOCUMENTS. DOCUMENTS MAY NOT REFLECT AN ACCURATE/COMPLETE REPRESENTATION OF ACTUAL CONDITILITIES THE PRROUECTURES DRAWINGS DO NOT CLIN THIM TO SHOW ALL EXISTING UTILTIIES AND FEATURES. ALL CONTRACTORS ARE DIRECTED PRIOR TO BIDDING TO CONDUCT WHATEVER INVESTIGATION THEY MAY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED AND UPON WHICH THEIR BIDS
2. EXISTING FACILITY AND UTILITY INFORMATION SHOWN ON THE DRAWINGS WAS OBTAINED FROM AVAILABLE RECORDS OR ELECTRONIC FILES. THE OWNER DOES NOT ASSUME RESPONSIBILITY FOR FACILITIES AND UTILITIES NOT SHOWN OR NOT IN THE LOCATION SHOWN. THE CONTRACTOR SHALL FIELD
VERIFY ALL LOCATIONS, SIZES, MATERIAL TYPES AND ELEVATIONS SHOWN AND AROUND OR NEAR AREAS OF NEW CONSTRUCTION PRIOR TO START OF CONSTRUCTION.
3. THE PREPARATION OF THESE DOCUMENTS RELIED ON RECORD DRAWINGS TITLED "UPGRADING AND MODIFICATIONS FOR THE BETHUNE POINT WASTEWATER TREATMENT PLANT" PREPARED BY CDM AND DATED FEBRUARY 1994. THE AVAILABLE PLANS CAN BE PROVIDED TO THE CONTRACTOR
UPON REQUEST. N RQUEST.
4. CONTRACTOR IS REMINDED THAT CONSTRUCTION ACTIVITES ARE TO TAKE PLACE AT AN ACTVE WASTEWATER TREATMENT FACILITY. AT NO POINT DURING OUTAGE OF A PARTICULAR PROCESS WALL BE REQUIRED, THE CONTRACTOR SHALL PROVIDE THE CITY WITH A MINTOR ANTICIPATES A TEMPORARY WRITING. AS PLANT OPERATIONS SUPERSED THE CONSTRUCTIN ACTVITIES, THE CITY MAY REJECT THE REQUEST AT ANY POEET UP TO AND DURING
THE WORK. THE CITY WILL DO ITS BEST TO PROVIDE SUFFICIENT NOTICE TO THE CONRACTR SHOULD SUH

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5. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT FROM DAMAGE EXISTING FACILITIES AND UTILITIES SHOWN OR NOT SHOWN WHICH ARE TO REMAIN IN PLACE. ALL FACILITIES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE EXPEDITIOUSLY REPAIRED OR RECONSTRUCTED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE WITHOUT ADDITIONAL COMPENSATION.
6. THE CONTRACTOR SHALL NOTIFY THE CITY IMMEDIATELY OF ANY CONFLICTS ARISING DURING CONSTRUCTION OF ANY IMPROVEMENTS SHOWN IN THESE
PROJECT DOCUMENTS.
7. ALL DEBRIS FROM DEMOLITION IS TO BE DISPOSED OF LEGALLY OFF SITE. ANY SALVAGEABLE MATERIALS OR EQUIPMENT SHALL BE THE PROPERTY OF
8. THE CONTRACTOR SHALL SHORE, SUPPORT AND PROTECT EXISTING STRUCTURES AND FACILITIES AS NECESSARY TO KEEP THEM IN GOOD WORKING
CONDITION. .
9. CONTRACTOR SHALL NOTIIY SUNSHINE STATE ONE CALL SERVICE 48 HOURS PRIOR TO PROJECT STAKEOUT AND COMMENCING ANY EXCAVATION/TRENCHING. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UTILTIES IN THE PATH OF CONSTRUCTION. THE CONTRACTOR
10. PIPE SUPPORTS ARE NOT SHOWN ON THE PLANS FOR CLARITY. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PIPE SUPPORTS REQUIRED PER
THE MANUFACTURER RECOMMENDATIONS.
11. FIELD VERIFY LOCATIONS, SIZES, AND CONNECTION MATERIALS OF ALL EXISTING PIPING AND EQUIPMENT BEFORE FABRICATING NEW PIPE OR RETRO FIT
OF NEW COMPONENTS.
12. THESE PLANS DO NOT DEPICT EVERY DETALL NEEDED TO PROVIDE A COMPLETE SYSTEM. THE SUPPLIER SHALL PROVIDE ALL ITEMS REQUIRED TO FURNISH A COMPLETE AND FUNCTIONAL SYSTEM, EVEN IF THEY ARE NOT SHOWN ON THE DRAWINGS.
13. EQUIPMENT SHOWN ON THE PLANS IS FOR REPRESENTATION PURPOSES ONLY AND DOES NOT PURPORT TO SHOW THE FINAL LAYOUT. THE SHOWN AND WILL MEET THE PERFORMANCE CRITERIA ISTED IN THE SPECIFICATIONE EQUIPMENT AND ENSURING IT WILL FIT WITHIN THE STRICTURES
4. THE EQUIPMENT SUPPLIER SHALL BE RESPONSIBLE FOR DETERMINING THE NUMBER/LOCATION/SIZE OF ANCHORS REQUIRED TO ANCHOR THE EQUIPMENT TO THE EXISTING STRUCTURE AS NECESSARY TO PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM.
15. THE CITY IS OWNER FURNISHING EQUIPMENT ASSOCIATED WITH THE CLARIFIER UPGRADES FROM OVIVO USA, LLC. CONTRACTORS BID PRICE SHALL SCOPE OF SUPPLY CAN BE PROVIDED TO CONTRACTOR UPD NSTALLATION OF NEW CLARIFIER EQUIPMENT, AS SHOWN ON THESE DRAWINGS. OVIVO NEEDED FOR CLARIFIER INSTALLATION NOT INCLUDED IN OVIVOS SCOPE OF SUPPLY.

BETHUNE POINT WATER RECLAMATION FACILITY SITE ACCESS:
The CONTRACTOR will supply information on each employee, including subcontractors, accessing the Bethune Point Water Reclamation Facility (BPWRF). The following requirements

- CONTRACTOR must provide confirmation that background checks are performed on employees, including subcontractors. Background checks must include a review for violent elonies.
- All employees, including subcontractors, must wear an ID badge when on site at the BPWRF. At a minimum, ID badges must include company name, contact information and
name of employee. name of employee
-CONTRACTOR must provide a list of all employes, including subcontractors, accessing the BPWRF. CONTRACTOR must notify the City immediately of any personnel changes.
- CONTRACTOR must provide a single, reachable point of contact for all issues regarding construction at the BPWRF. This contact is responsible for keeping a log of who is on site
at all times.
- Before the end of the previous work week, CONTRACTOR must provide a scheduled start and stop time for each work day for the following work week to the CITY for approval. CITY staff will check the CONTRACTOR in at the BPWRF each work day. This is the only
way the CONTRACTOR will access the BPWRF. CONTRACTOR will be notified of any worker way the CONTRACTOR will access the BPWRF. CONTRACTOR will be notified of any worker
determined to be problematic or deemed to be in the CITY's best interest for restriction. determined to be problematic or deemed to be in the CITY's best in
CONTRACTOR must remove said worker from the BPWRF immediately.

The required information can be provided by e-mail, fax or US mail. Contact information will be provided at the pre-construction meeting.












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RECOMMENDATONS
SEE NOTE 3 .
notes:

1. CONTRACTOR TO REPLACE GASKETS ON EXISTING SST For Pictures. REFER TO GASKET SCHEDULE (SHEET 18) FOR IIE AND NUMBER TO BE REPLACED.
2. PROCESS AR WL HAVE TO BE SHUT DOWN FOR
GASKET REPLACEMENT. IT IS CITYS
DESIRE FOR ALI
 CONIRACTOR SUTOORN
 3. DIFFUSER LAYOUT SHOWN IS FOR REFERENCE ONLY; CONTRACTOR TO COORDINATE WITM
ACTUALIAYOUT ANO INSTALIATION.



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THE CITY OF DAYTONA BEACH
UTILITIES DEPARTMENT
125 BASIN ST. STE, 130 - DAYTONA BEACH - FLLORIDA $\quad 32114$

BETHUNE POINT WRF
PHASE I PROCESS UPGRADES AERATION TANK NO. 3 EXISTING LAYOUT AND DEMOLITION PLAN PROJECT NO. 6872




GASKETS 2A AND 2B


NOTES:

1. PROCESS AIR WILL NEED TO BE SHUT DOWN FOR GASKET REPLACEMENT. PROCESS AIR MAY NOT BE SHUT DOWN F
MORE THAN 3 HOURS ATA TIME AND MAY NOT TE SHUT TOW MORE THAN 3 HOURS AT A TIME AND MA NOT BE SHUT DOWN
ON CONSCUTV EAYS CONRACTOR IS TO SUBMIT SCHEDULE OF PROPOSED SHUT DOWNS TO CITY 7 DAYS IN ADVANCE FOR CITY APPROVAL
2. CONTRACTOR MAY CHOOSE TO PROVIDE SUPPLEMENTAL AIR TO AT-NO. 1 AND AT-NO. 4 IN ORDER TO ALLOW FOR A SHUT DOWN OF GREATER THAN 3 HOURS. SUPPLEMELTHED TO HE CITY FOR APPROVAL
3. EXISTING SST PIPING APPEARS TO BE CONNECTED WITH STUB-END PIPING AND LAP JOINT FLANGES. CONTRACTOR TO
FIELD VERIFY AND PLAN GASKET REPLACEMENT ACCORDINGLY. 4. CONTRACTOR SHALL FIELD VERIFY GASKET THICKNESS AND
BOLT HOLE PATTERN PRIOR TO SUBMITTING TO OWNER AND ORDERING.
4. EXISTING GASKETS UTIIIZE FILLER MATERIAL AROUND CIRCUMEREGCEOF THE GAKKET TOP RROTECT GASKET FROM
EXPOSURE. CONTRACTOR SHALL SUBMIT FILLER MATERAL EXPOSURE. CONTRACTOR SHAL SUBMIT FALLER MATERAL CONTRACTOR SHAL
AROUND GASKET.

GASKETS 1A AND 1B



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BETHUNE POINT WR


