

**CITY OF VENICE PROCUREMENT-
FINANCE DEPARTMENT**

401 W. VENICE AVE. - ROOM # 204

VENICE, FL. 34285

(941) 486-2626

FAX (941) 486-2790

ADDENDUM NO. 1

Date: April 4, 2018

To: All Prospective Proposers

**Re: ITB# 3083-18: EWRF Lift Station Relocation and Reaeration Blower
Replacement**

This addendum sets forth changes and/or information as referenced and is hereby made part of and should be attached to the subject Contract Documents. Receipt of this Addendum shall be acknowledged below and in the submitted proposal. It shall be the responsibility of each proposer, prior to submitting a proposal, to contact the City of Venice- Procurement- Finance Department to determine if addenda were issued and to make such addenda a part of their proposal.

The following is to clarify and provide additional information requested during the pre-bid meeting held on March 29, 2018 at 2:00 P.M.

Peter Boers, Procurement Manager, opened the meeting

1. **Important dates:** Bids are due April 20, 2018 at 2:00 p.m. at City Hall room #204. Bids are to be delivered to Suite 204 in City Hall. The bid opening will take place in the Community Hall (room #114).
2. The Cut-Off for questions will be April 10, 2018 at 1:00 PM
3. Mr. Boers advised the bidders to read *Instructions to Bidders*, but made note of the following Articles.
4. Article 10 Bid Security - 5% Bid Security is required.
5. Article 11 Contract Times – time to completion is 120 days (Lift Station) and 195 days (Blower) from NTP. See Clarifications section below regarding NTP.
6. Article 12 Liquidated Damages - Mr. Boers advised that the stipulated damages for this project are \$1,532 per day.

7. Article 23 Contract Securities - The awarded contractor will be required to provide a Performance and Payment Bond equaling 100% of the contact amount. **EXHIBIT A**
8. Article 24 Contractors Insurance -Mr. Boers reviewed **EXHIBIT B: Insurance Requirements**.
 - a. General Liability -\$1,000,000 per occurrence/1,000,000 aggregate
 - b. Business Auto Liability - \$1,000,000 combined single limit
 - c. Worker's Comp per State Statute
 - d. Builder's Risk Installation Floater
9. Article 29 Local Preference – Local preference is applicable to this bid.
10. Mr. Boers reviewed the required forms that must be returned with each firm's submittal. These required forms are listed in the Appendix of the bid document. Mr. Boers advised, even if a form does not pertain to said company - to still mark it with a "N/A" and return it with each submittal. Mr. Boers also advised that the *Required Forms List* could be used as a "check off" sheet for firms to use.
11. Ms. Lindsay Marten, the City's Project Manager, asked Jones Edmunds and Hazen and Sawyer to review the scope of work and provide a brief overview of their respective projects.
12. Mr. Boers opened the floor for bidder's questions. He advised the attendees to follow up in writing if they do not see an answer to their question published in an addendum and to not assume a change is in effect unless published in an addendum.

CLARIFICATIONS:

The Engineer's Estimate for the LS FM Relocation Project is \$107,358.00 and for the Reaeration Blower Replacement Project is \$541,000.

One preliminary NTP will be issued at contract award to allow for construction administration tasks including, but not limited to, shop drawing reviews and the procurement of products/equipment. One construction NTP will be issued following the completion of shop drawing reviews and the procurement of products/equipment; and the time to completion date used will be 195 days, as this is the longer duration of the two projects.

The Statement of References for Contractor form has been updated (attached). Provide two (2) plant projects of similar scope and size for the reaeration blower project, and two (2) projects for the LS FM relocation project.

REVISIONS:

Rearation Blower Replacement:

- Modify Section 17000, paragraph 2.03, paragraph B. to change the words "center flange shall be epoxy coated carbon steel" to "center flange shall be Type 304 stainless steel".
- Modify Section 17000, paragraph 2.03, paragraph C. to change the line size and type in the third bullet from "8-inch ductile iron" to "6-inch SCH 10 stainless steel".
- Modify Section 17000, paragraph 2.03 to add paragraph D as follows: The Venturi flow meter shall meet the above stated accuracy with a Reynolds number of at least 75,000. The Venturi meter discharge coefficient shall be 0.980, independent of line size or beta ratio, and have a permanent pressure loss not exceeding 10% of the differential pressure at maximum flow rate. The Venturi insert flow meter shall be as manufactured by Primary Flow Signal of Cranston, RI, or approved

equal, and shall be compatible with and utilize a differential pressure indicating transmitter as specified herein to provide remote monitoring of the measured flow.

- Issue updated sheet C05, with modifications to pipe bedding detail (attached).
- Modify Section 02222, Excavation and Backfill for Utilities, paragraph 3.05.A to read as follows:

Pipe trenches shall be excavated as described in Article 3.01 of this Section. The resulting excavation shall be backfilled with acceptable pipe bedding material, ~~up to the level of the centerline of the proposed pipe barrel~~ to 6-inches above the top of pipe. This backfill shall be tamped and compacted to provide a proper bedding for the pipe and shall then be shaped to receive the pipe. Bedding shall be provided under the branch of all fittings to furnish adequate support and bearing under the fitting.

QUESTIONS

LS FM Relocation:

RE: specification section 09900, page 5, System 10:

Q. Item e, Intermediate coat. We are requesting that Tnemec Series 104 be removed and Tnemec Series 66HS Hi-Build Epoxoline be added.

A. **Please update to Tnemec Series 66HS Hi-Build Epoxoline, as this is a newer product.**

Q. Item f, Finish coat. We are requesting that Tnemec Series 1075 be replaced with Tnemec Series 1095 Endura-Shield at the same thickness.

A. **Please update to Tnemec Series 1095 Endura-Shield, as this is a newer product.**

Q. In specification section 09900, page 6-7, System 36; This section is not clear, please clarify if this is for a lining on the interior of the lift station or the interior of rooms. Tnemec is specified with their coatings for severe wastewater service such as headworks, grit chambers etc. the other materials listed for general purpose coatings for interior rooms.

A. **System 36 shall be removed, as it is not needed for this project.**

Q. Where are the nearest valves for isolating the existing force main for connecting the new force main?

A. **The nearest valve to the south is adjacent to the point of connection. There are no isolation valves to the north until the lift station located on the west side of the Second Anoxic Basins.**

Peter A. Boers
Procurement Department

Acknowledgment is requested even if you have elected not to respond to this bid. A designated management representative of your firm can sign the receipt for this addendum. Please acknowledge receipt of this addendum immediately by fax to (941) 486-2790 or mail to the above noted address, if a fax is not possible.

Receipt Acknowledged:

Signature

Company

Date

STATEMENT OF REFERENCES
FOR CONTRACTOR

Addendum 1 Revision

NAME OF CONTRACTOR: _____

BUSINESS ADDRESS: _____

How many years have you been engaged in the business under the present firm name? _____

List previous business experience: _____

Provide two (2) plant projects of similar scope and size for the reeration blower project, and two (2) projects for the LS FM relocation project.

(1) Project Name: _____

Project Description _____

Construction Start Date _____ Construction Finish Date _____

Owner contact: _____

Company Name: _____

Telephone: _____ E-mail: _____

Design Engineer contact: _____

Company Name: _____

Telephone: _____ E-mail: _____

(2) Project Name: _____

Project Description _____

Construction Start Date _____ Construction Finish Date _____

Owner contact: _____

Company Name: _____

Telephone: _____ E-mail: _____

Design Engineer contact: _____

Company Name: _____

Telephone: _____ E-mail: _____

[Type here]

STATEMENT OF REFERENCES
FOR CONTRACTOR

Addendum 1 Revision

(3) Project Name: _____

Project Description _____

Construction Start Date _____ Construction Finish Date _____

Owner contact: _____

Company Name: _____

Telephone: _____ E-mail: _____

Design Engineer contact: _____

Company Name: _____

Telephone: _____ E-mail: _____

(4) Project Name: _____

Project Description _____

Construction Start Date _____ Construction Finish Date _____

Owner contact: _____

Company Name: _____

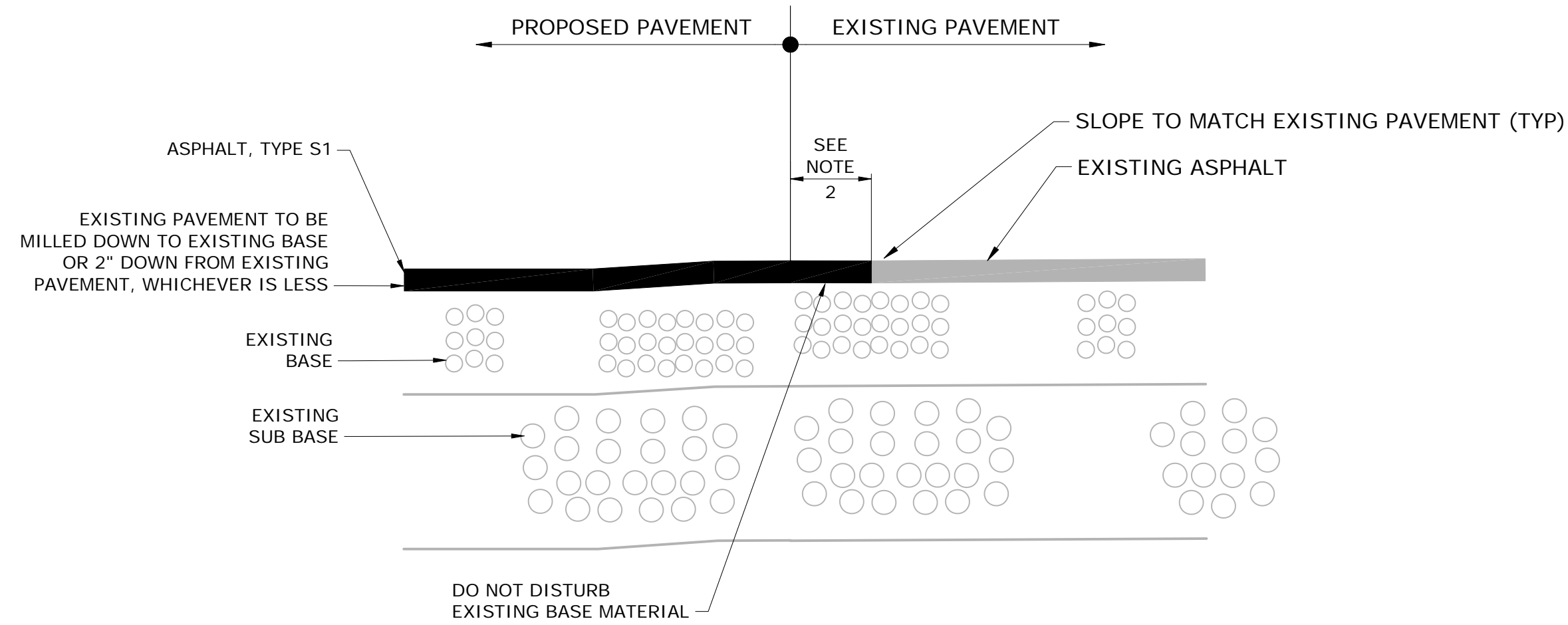
Telephone: _____ E-mail: _____

Design Engineer contact: _____

Company Name: _____

Telephone: _____ E-mail: _____

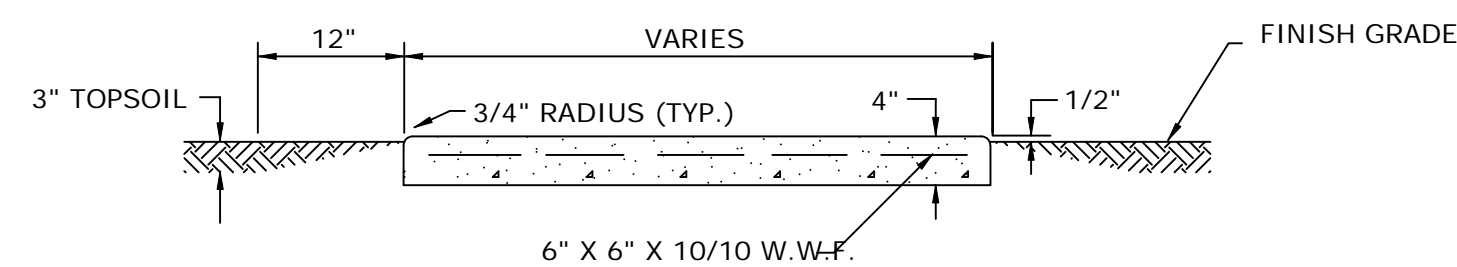
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NOTES:

1. TYPICAL DETAIL FOR AREAS TO BE MILLED AND RE-SURFACED.
2. AT LOCATIONS WHERE OVERLAY WILL TIE- IN TO EXISTING PAVEMENT, CONTRACTOR SHALL SAW-CUT A CLEAN STRAIGHT EDGE OF THE EXISTING PAVEMENT (TYP) ALONG THE PROPOSED RESURFACE AREA, AND MATCH THE THICKNESS OF THE EXISTING PAVEMENT.

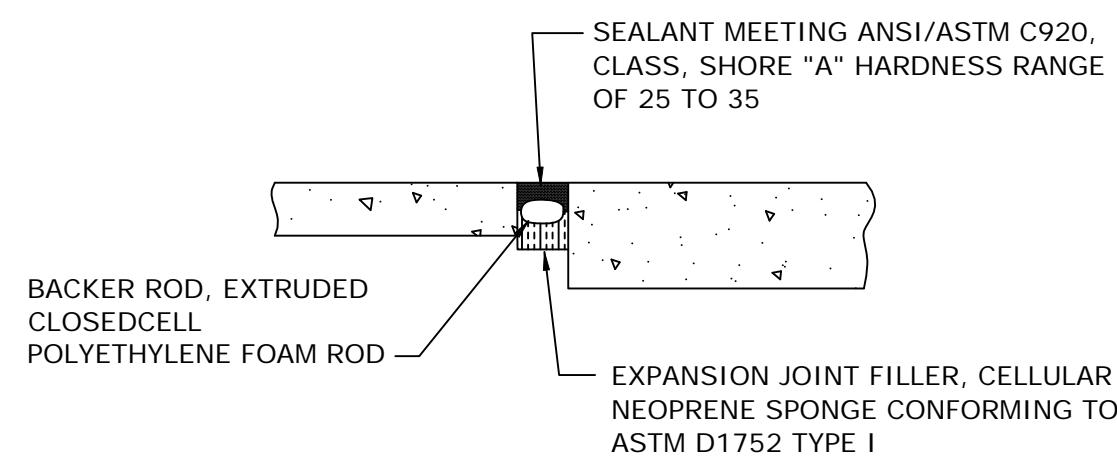
TYPICAL PAVEMENT RESURFACE



NOTE:

THE CONTRACTOR SHALL CONSTRUCT AN EXPANSION JOINT AT SPACINGS SHOWN ABOVE, AT THE END OF DAYS WORK, POINTS OF CURVATURE, AND AT ADJOINING STRUCTURES.

SIDEWALK SECTION



NOTE:

CONTRACTOR SHALL SUBMIT EXPANSION JOINT PRODUCT DATA SHEETS FOR REVIEW AND APPROVAL.

EXPANSION JOINT DETAIL

PAVEMENT STANDARD
N.T.S.

A.) **HEAVY DUTY:** COMMERCIAL AND INDUSTRIAL DEVELOPMENTS WITHIN PRIMARY ACCESSWAYS, PARKING LOTS, ETC. WITH EXPOSURE TO TRUCK TRAFFIC

B.) **LIGHT DUTY:** RESIDENTIAL SUBDIVISIONS AND COMMERCIAL DEVELOPMENTS WITHIN LOW VOLUME ACCESSWAYS, PARKING LOTS, ETC. (LESS THAN 5% TRUCK TRAFFIC)

	A	B
SUBGRADE - TYPE B STABILIZED LBR 40 MIN.	12"	8"
ABC3 - ASPHALT BASE	5"	4"
CTB	10"	7"
CCA	10"	7"
ASPHALTIC CONCRETE	1 1/2" OF S-1	1 1/2" OF S-1/S-3

CONCRETE PAVEMENT FOR PARKING LOTS ONLY:
SUBGRADE - 12" TYPE B STABILIZED LBR 40 MIN.
PAVEMENT - 6" CONCRETE 3000PSI @28 DAYS WITH MAX. 4" SLUMP & FIBER REINFORCEMENT.

PAVEMENT RESTORATION DETAIL
N.T.S.

1.) TRENCH BACKFILL AND SUBGRADE TO BE COMPACTED TO 98% OF MAX. DENSITY PER AASHTO T-180.
2.) CRUSH CONCRETE AGGREGATE MUST HAVE AN LBR ≥ 150. CEMENT TREATED BASE MATERIAL MUST YIELD COMPRESSIVE STRENGTH WITHIN THE RANGE OF 175 TO 275 PSI. SHELL IS NOT AN ACCEPTABLE BASE MATERIAL.

CITY OF VENICE ENGINEERING DEPARTMENT 401 WEST VENICE AVE. VENICE FL 34285 (941) 486-2626 FAX (941) 480-3031	ENGINEERING PAVEMENT & RESTORATION	DATE JAN. 2016 SHEET NO. ENG-2
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PIPE TRENCH DETAIL

TRENCH EXCAVATION LIMITS		
INTERNAL DIAMETER OF PIPE	WIDTH OF TRENCH	
	MAX	W=MIN
4"-6"	3'-0"	2'-0"

W = TRENCH WIDTH AT BOTTOM OF PIPE. TRENCH SIDE SLOPES SHALL BE IN ACCORDANCE WITH OSHA REQUIREMENTS.

NOTE:

1. GEOTEXTILE SHALL BE A MINIMUM 8-OUNCE PER SQUARE YARD (NOMINAL) NONWOVEN NEEDLE PUNCHED SYNTHETIC FABRIC CONSISTING OF STAPLE OR CONTINUOUS FILAMENT POLYPROPYLENE. GEOTEXTILE SHALL BE INERT AND UNAFFECTED BY LONG TERM EXPOSURE TO CHEMICALS OR LIQUIDS WITH A PH RANGE FROM 3 TO 10. GEOTEXTILE SHALL HAVE A SURVIVABILITY CLASS OF CLASS 1 OR 2 IN ACCORDANCE WITH AASHTO M288, UNLESS OTHERWISE SPECIFIED HEREIN. ACCEPTABLE PRODUCTS ARE MIRAFI 180N OR EQUIVALENT.

PLOT DATE: 2018/03/20 9:40:23 AM BY: MICALZON File: H:\10786-108 EASTSIDE WRF REAERATION BLOWER REPLACEMENT\DRAWINGS\DWG\CD5.dwg Saved By: MICALZON Save Date: 2017/04/03 2:05 PM

PROJECT ENGINEER:	A. COLEMAN
DESIGNED BY:	RDM
DRAWN BY:	ESM
CHECKED BY:	AJC
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"
1	ADDENDUM 1
REV	ISSUED FOR
	DATE
	BY

Name: _____ Date: _____
Florida Professional Engineer's Registration Number: _____

Hazen

HAZEN AND SAWYER
7334 DELAINEY COURT
SARASOTA, FLORIDA 34240

CITY OF VENICE, FLORIDA

EASTSIDE WATER RECLAMATION FACILITY
REAERATION BLOWER REPLACEMENT PROJECT

CIVIL DETAILS

DATE:	MARCH 2018
HAZEN NO.:	41078-006
CONTRACT NO.:	
DRAWING NUMBER:	C05