

AGENDA

City of Flint

Northwest Pump Station Improvements P20-571

And

Northwest Pump Station Diversion P20-572

9:00 am Local Time, June 2, 2020 VIA Zoom

1. Introductions
 - a. City of Flint – Owner
 - b. EGLE – State of Michigan – SRF
 - c. DLZ – Engineer
2. Project Requirements
 - a. City of Flint
 - i. City of Flint form must be completed and submitted with bid
 - b. EGLE Requirements
 - i. State and Federal Forms located in Appendix C to be completed and submitted with bid
 - ii. Davis-Bacon in affect for this project
3. Description of projects
 - a. Northwest Pump Station Improvements
 - i. Three new Flygt 3301 pumps
 - ii. New piping and valves in drywell
 - iii. New 48 inch sluice gate
 - iv. Modified/new Allen Bradley Drives
 - v. New roof
 - vi. New drywell exhaust fan and ductwork
 - vii. New mag flow meters
 - viii. Slip line one existing 24 inch forcemain
 - ix. Bypass pumping for sludge dewatering and tank drain
 - x. Cleaning and painting
 - b. Northwest Pump Station Diversion
 - i. Directional drilled HDPE 28 inch IPS
 - ii. New manhole over existing 8.5 foot diameter tunnel
 - iii. New diversion structure with 3 sluice gates
 - iv. Teo area velocity flow meters
 - v. Small building with electrical
 - vi. New electrical service

4. Project coordination
 - a. The Northwest pump station improvements can not physically start until the Northwest pump station diversion is placed in service. The diversion will divert sanitary sewage flows from the City to the existing tunnel allowing the pump station to be shut down.
 - b. Several other improvement projects are scheduled at the Wastewater facility and a list will be provided in the Addendum
5. Questions are to be submitted in writing to Greg Gucwa at (ggucwa@dlz.com) via email until close of business June 8, 2020. An addendum will be issued by June 11, 2020 to include the pre-bid meeting minutes, and answers to questions and clarification to the project documents.
6. Project completion Dates:
 - a. Northwest Pump Station Improvements – Substantial Completion July 30, 2021 Final August 30, 2021
 - b. Northwest Pump Station Diversion – Substantial Completion December 31, 2020 Final February 1, 2021
 - c. Liquidated Damages Substantial Completion - \$ 1000/day, Final Completion - \$500/day
7. Owner Comments
8. EGLE Comments
9. Contractor Comments
10. Set up schedule for contractors to visit the site



CITY OF FLINT DEPARTMENT OF PUBLIC WORKS NORTHWEST PUMP STATION IMPROVEMENTS

PROJECT NUMBER: SRF-5696-01

Project Location:

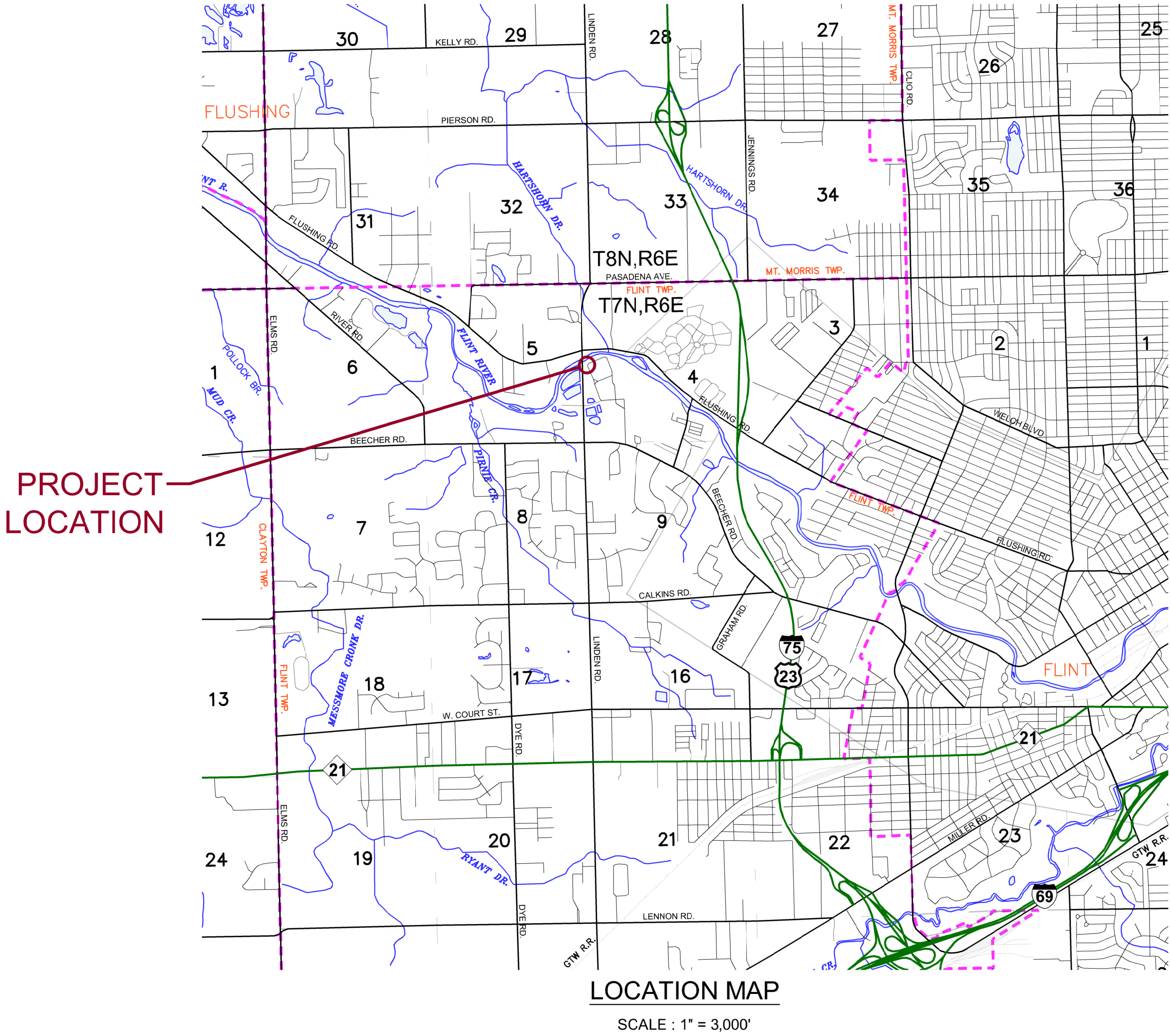
Township of Flint
Section 4 of T7N, R6E,
Geographic Township of Flint
Genesee County, Michigan 48532

CITY OF FLINT OFFICIALS

SHELDON NEELEY
ERIC MAYS
MAURICE DAVIS
SANTINO J. GUERRA
KATE FIELDS
JERRI WINFREY-CARTER
HERBERT WINFREY
MONICA GALLOWAY
ALLAN GRIGGS
EVA WORTHING

MAYOR
CITY COUNCIL 1ST WARD
CITY COUNCIL 2ND WARD
CITY COUNCIL 3RD WARD
CITY COUNCIL 4TH WARD
CITY COUNCIL 5TH WARD
CITY COUNCIL 6TH WARD
CITY COUNCIL 7TH WARD
CITY COUNCIL 8TH WARD
CITY COUNCIL 9TH WARD

SHEET INDEX	
SHEET	DESCRIPTION
CS	Title Sheet
G-001	Legend & Project Notes
G-002	Sewer District Map and Design Calculations
V-101	Existing Pump Station Plan Views and Section View
V-102	Existing Photos
V-103	Existing Photos
V-104	Existing Photos
V-105	Existing Photos
C-101	Demolition Plan
C-102	Proposed Pump Station Plan Views
C-103	Proposed Pump Station Section Views A-A and B-B
C-104	Proposed Pump Station Section View C-C
C-105	Proposed Sluice Gate Plans
C-106	Proposed Forcemain Work
C-107	Proposed Forcemain Work
C-108	Proposed Roof Plan
E-101	Electrical Design
E-102	Electrical Design
E-103	Electrical Design
E-104	Electrical Design
E-105	Electrical Design
E-106	Electrical Design
E-107	Electrical Design
E-108	Electrical Design



GENERAL NOTES
THE CONTRACTOR SHALL CALL "MISS DIG" (1-800-482-7171) THREE WORKING DAYS, EXCEPT SATURDAY, SUNDAY, AND HOLIDAYS PRIOR TO COMMENCEMENT OF ANY WORK.
ALL UTILITIES SHOWN ARE APPROXIMATE LOCATIONS DERIVED FROM ACTUAL MEASUREMENTS AND AVAILABLE RECORDS. THEY SHOULD NOT BE INTERPRETED TO BE THE EXACT LOCATION NOR SHOULD IT BE ASSUMED THAT THEY ARE THE ONLY UTILITIES IN THE AREA.
THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE CITY OF FLINT CODE OF ORDINANCES.



INNOVATIVE IDEAS
EXCEPTIONAL DESIGN
UNMATCHED CLIENT SERVICE

PROJECT No.
1849-0706-00
SHEET 1 OF 16

DATE ISSUED: 6/11/2020
DATE FINAL: 3/2/2020

ADDENDUM #2

City of Flint

Northwest Pump Station Improvements

P20-571

June 11, 2020

Clarifications and additional information

1. The new exhaust fan shall be equal to Fantech steel inline duct fan, 16 inch diameter, Model FKD 16 XLEC, 460 volt 3 phase. Connect to the existing power source for the old fan in Bucket 4 in MCC P3.
2. The exhaust ductwork is to be 16 inch diameter stainless steel and have inlet dampers at the three lower floor levels to adjust air flow into the exhaust duct.
3. Delete the two new access hatches.
4. The existing overhead crane has a reach capacity to one level above the basement pump level. The contractor shall take into account the limited reach in determining the process for removing and replacing piping and pumps.
5. Note there is an electrical duct bank running along the south side of the pump station. This duct bank will be crossed with the exterior force main work.

Northwest Pump Station Rehabilitation

ADDENDUM NO. 2 (6-11-2020)

THIS IS AN ADDENDUM

TO PROSPECTIVE BIDDERS AND OTHERS CONCERNED:

This addendum amends or supplements the Procurement Section, Drawings and other provisions of the Contract Documents as indicated below. All provisions which are not so amended or supplemented remain in full force and effect.

The terms used in this Addendum have the meanings stated in the General Conditions. Additional terms used in this Addendum have the meanings stated below, which are applicable to both the singular and plural thereof.

I. PROCUREMENT

A. The following new submittal guidelines are:

The contractor will still have to email the bids into purchasingbids@cityofflint.com.

The contractor will be able to drop off the hard copies to City hall. As City hall is still closed they **MUST** follow the following procedure.

1. Have only one person drop off the bids at City hall.
2. Call Joyce McClane at 810-397-9649 and coordinate with her a time for bid drop off and you will receive instructions on where to meet at City hall.
3. Must practice social distancing guidelines.
4. Must wear a mask.

The email portion and the hard copy are due at the same time as originally proposed.

II. DRAWINGS

A. Cover

- i. Add C-108, Proposed Roof Plan, to the Sheet Index

B. V-103

- i. Change the Sheet No. from C-104 to V-103

III. CONTRACT DOCUMENTS

A. ADDENDUM DOCUMENTS

1. Pre-Bid Agenda
2. Pre-Bid Sign in Sheet
3. Pre-Bid Meeting Minutes
4. Questions and Answers from Contractors
5. Attachment with Clarifications

Prospective bidders shall attach this Addendum page to their proposal and shall sign the Addendum and submit same with bid and shall enter Addendum Number and date on the Bid Form. Failure to include signed Addendum with bid proposal shall be cause for rejection of bid.

(Bidder)

CITY OF FLINT, MI
NORTHWEST PUMP STATION REHABILITATION

ADDENDUM #2
6-11-2020

By: _____

Date: _____

Title: _____

MEETING MEMORANDUM

MEETING DATE: 6/2/2020 **DATE:** 6/11/2020
CLIENT: West Bloomfield Township **WRITTEN BY:** Greg Gucwa
PROJECT: Northwest Pump Station Rehabilitation and Flow Diversion
PROJECT #: 1849-0706-00 & 1949-6935-00

LOCATION OF MEETING: DLZ Waterford Office

PURPOSE OF MEETING: Pre-Bid meeting: June 2nd Online Zoom Meeting

ATTENDED BY:

Rob Bincsik, City of Flint Public Works Director	Greg Gucwa, DLZ Professional Engineer	Eric Pocan, EGLE Regional Manager
Brendan Wrobel, DLZ Civil Engineer	Brian Bachler, DLZ Civil Engineer	Yadong Dong, DLZ Civil Engineer
John Florshinger, City of Flint Supervisor	Jeanette Best, City of Flint WPC Manager	Joyce McClane, City of Flint Purchase Agent
Jason Axelson, Weiss Contractor	Blake Zapczynski, Z-Contractors Contractor	Mike Gaffke, J R Heineman Contractor
Sue Bazen, Underground Solutions Contractor	Ryan Sly, Sorensen Gross Contractor	Lynn Natzic, Reliance Contractor
Brett Lara, Spence Brothers Contractor	Sabrina Byers, Lasalle Contractor	

DISCUSSION:

Mr. Gucwa introduced himself and welcomed everyone to the Pre-Bid meeting for the Northwest Pump Station Rehabilitation and Flow Diversion Projects.

Rates, State, and Federal Requirements

Mr. Gucwa told the bidders they are required to fill out the Federal and State documents for the projects. The documents are in the appendix that is in the back of the specification book. Particularly, the Davis-Bacon Federal wage rates were mentioned because they are the minimum required to pay the workers.

Eric Pocan from EGLE also mentioned the documents required by the State and EPA. He mentioned at least 3 DBEs (Disadvantaged Business Enterprises) are required Good Faiths Efforts. If the bidder does not know any DBEs, then they can post an Ad. MDOT has more information on where to look for DBEs.

Project Discussion

Mr. Gucwa went into discussing the Northwest Pump Station Rehab project first. The project is a downsizing of the site to handle less flow than originally planned. However, the station will also be receiving a rehab of both the interior and exterior of the building. Mr. Gucwa went through important sections of the plans to show the new pumps that are being proposed and the pictures of the existing site.

Mr. Gucwa then discussed the Flow Diversion part of the project. This project is important to complete first because the current flow of the pump station needs to be diverted to the 8' diameter tunnel. Mr. Gucwa showed the plans to the bidders and explained the key aspects of the project like the new building and the connection to the tunnel.

Additionally, the contractor will need to coordinate with other projects that may potentially delay these projects. This includes the grit chamber aeration basin rehabilitation. A bypass will also be required during the Pump Station Rehab. The pump must meet a 200-250 GPM max capacity.

Site visits are available, the days after the pre-bid meeting or with an appointment if the bidder contacts the city. 10 people max per tour.

Addendums

Mr. Gucwa stated that he is aware of certain issues that need to be updated in an addendum. The addendum is set to be sent on Thursday June 11th, 2020. The addendum will include answers to questions that the contracts have sent in email to Greg Gucwa at ggucwa@dlz.com. Last call for

questions is on Monday June 8th at the end of the workday. There were no questions or comments at the meeting that will appear on the addendum.

Dates and Bid opening.

Bids will be due on the 18th of June at City hall.

ACTION ITEMS:

No.	Description	Responsibility	Due Date
1.	Bidder's Last call for Questions	Bidder	6/8/2020
2.	Addendum #1	DLZ	6/11/2020
3.	Bid Due Date	Bidder	6/18/2020

The foregoing constitutes our understanding of matters discussed and conclusions reached. Please review these items and advise the undersigned, in writing and within five (5) business days, of any errors or omissions.

CC:

DLZ REPRESENTATIVE

Those in attendance

Greg Gucwa, PE
Senior Project Manager

X:\Projects\GFL\2019\1949\693500 Flint NWPS Flow Di\05_Bidding\Pre-Bid Meeting\NWPS And Diversion Meeting Minutes.Docx

Questions from Contractors

Reliance

Has the existing paint been tested for lead? Is there asbestos in the building? Would an allowance for hazardous materials removal be appropriate?

The building is assumed to have lead paint and asbestos in the roof. No testing has been completed. The contractor is to account for the lead and Asbestos Abatement in their bid.

What is the engineer's estimate for the NW Pump Station Improvements P20-571 project?

Engineers estimate is \$1.78 Million.

Having the final proposal on a thumb drive to be turned in at the time of the bid is logistically daunting. Can this be emailed (with the hard copy delivered in person)? As you know the pricing is usually in flux until the last minute. We want to give the lowest possible bid amount.

New guidelines below have been provided on how to submit bids.

The contractor will still have to email the bids into purchasingbids@cityofflint.com. When emailing make sure the total file sizes being sent is less than 15 MB.

The contractor will be able to drop off the hard copies to City hall. As City hall is still closed, they **MUST** follow the following procedure.

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Hamlett Environmental

Anyway, there are no specifications for the valves (Check and Gate Valves). I was hoping you might be able to provide information on what is required for the valves.

The specifications for gate and check valves are in specification number 40-05-23 "Common Works Valves and Valves Accessories." Additionally, make sure that the bid documents that you've downloaded are the latest. The City of Flint website has an older version posted.

Also, I would like to submit Orbinox for consideration for the sluice gates. We could provide some competition for Rodney Hunt while also providing a very robust and reliable gate. Orbinox has manufacturing gates and other fabricated stainless valve technologies for water, wastewater, and industrial markets since the 60's. We have a number of installations locally as well as they do nationally and internationally.

Both Orbinox, Rodney Hunt, Whipps, and Waterman are acceptable for sluice and slide gates.

For the diversion chamber, are the operators being replaced too? I would also ask for consideration on the diversion project as well.

A manual operator is required for the Northwest Pump Station Rehab. The three sluice gates at the diversion shall have motor operators.

Z-Contractors

On sheet C-104, what is the thickness of the base of the diversion chamber, there's no scale nor dimensions?

An updated drawing of C-104 will be provided in the Addendum. The drawing will show dimensions not provided before. As of now the thickness of the base will be 12".

On sheet A-101, it calls out a steel roof on the building. There's no specs nor details on the roof. Please provide.

The detail on page A-102 labeled "Typical Wall Section" shows a detailed specification for the roof construction.

Is there any soil boring provided for this job?

A soil boring is provided on C-102. This is an original boring from when the tunnel was being built.

Sorensen Gross

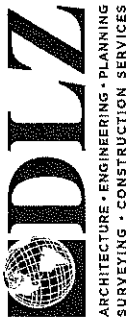
The drawing indicates a replacement of a sluice gate. There is no description indicated in the project specs as of what manufacturers are acceptable or features it must have. Also is it just the one gate to be replaced, there are four on the drawing? We will also need to know if the gate will require a new thimble or if is bolted to the concrete.

On sheet C-105 for the NWPS Rehab, there is only one sluice gate and operator called out to be replaced. This includes the operator and stem. Acceptable manufacturers listed under Hamlett Environmental's questions.

Lasalle Construction

*In the bid form it calls out **(Appendix E) – (DBE) Utilization Good Faiths Worksheet, Debarment/Suspension Certification**. Could you please guide me to where this might be? I appreciate your time.*

Appendix E is in the back of the specifications book. Please verify that you have the latest specification book. There are two versions on the City of Flint website with one being outdated. The outdated version is missing a lot of sections.



INNOVATIVE IDEAS
EXCEPTIONAL DESIGN
UNMATCHED CLIENT SERVICE

Client: City of Flint
Project: Northwest Pump Station & Diversion
Location: Zoom Meeting

Date: 6/2/2020
Time: 9:00AM

MEETING ATTENDANCE

Name	Initials	Organization	Email	Phone Number
Greg Gucwa	GG	DLZ Michigan, Inc.	ggucwa@dlz.com	248-834-4056
Brendan Wrobel	BW	DLZ Michigan, Inc.	bwrobel@dlz.com	248-836-4054
Brian Bachler	BB	DLZ Michigan, Inc.	bbachler@dlz.com	248-681-7800
Yadong Dong	YD	DLZ Michigan, Inc.	ydong@dlz.com	248-836-4052
Eric Pocan	EP	EGLF – Finance Division	pocane@michigan.gov	517-284-5416
Rob Bincsik	RB	City of Flint	rbincsik@cityofflint.com	
John Florshinger	JF	City of Flint	jflorshinger@cityofflint.com	
Jeanette Best	JB	City of Flint	jbest@cityofflint.com	
		City of Flint	jmcclane@cityofflint.com	
Joe Mulville	JM	Weiss Construction Company	jmulville@weiss-construction.com	313-567-4500
Dana Youmans	DY	Z Contractors, Inc.	DYoumans@z-contractors.com	586-625-8899
Blake Zapczynski	BY	Z Contractors, Inc./	bzap@z-contractors.com	586-625-8899
Mike		J R Heineman & Sons, Inc.	mike@jrheineman.com	989-399-0407
Dale		J R Heineman & Sons, Inc.	dale@jrheineman.com	989-399-0407
Lynn Natzic	LN	Reliance Building Company	Lynn@RelianceBC.com	248-374-3210
Ryan Sly	RS	Sorensen Gross Company	Rslly3@sgcs.com	810-767-4821
Sue Bazen	SB	Underground Solutions, Inc.	sbazen@aegion.com	616-856-8271

4494 Elizabeth Lake Rd, Waterford Township, MI 48328 | OFFICE 248.681.7800 | ONLINE WWW.DLZ.COM

Akron Bellefontaine Bridgeville Burns Harbor Chicago Cincinnati Cleveland Columbus Detroit Flint Fort Wayne Indianapolis Joliet
Kalamazoo Lansing Lexington Louisville Madison Melvindale Munster Muskegon Pittsburgh Port Huron Saint Joseph South Bend Toledo
Waterford