

ADDENDUM NO. 1

RFP No. 22-32

ARBOR LANDING LIFT STATION REPLACEMENT PROJECT

Bids Due: April 26, 2022 at 2:00 P.M. (Local Time)

The information contained herein shall take precedence over the original documents and all previous addenda (if any) and is appended thereto. **This Addendum includes 28 pages.**

Bidder is to acknowledge receipt of this Addendum No. 1, including all attachments (if any) in its Bid by so indicating in the Bid Proposal. Bids submitted without acknowledgment of receipt of this addendum may be considered nonconforming.

The following forms provided within the RFP document should be included in submitted bids:

- City of Ann Arbor Prevailing Wage Declaration of Compliance
- City of Ann Arbor Living Wage Ordinance Declaration of Compliance
- Vendor Conflict of Interest Disclosure Form
- City of Ann Arbor Non-Discrimination Ordinance Declaration of Compliance

Bids that fail to provide these forms listed above upon bid opening may be rejected as non-responsive and may not be considered for award.

I. CORRECTIONS/ADDITIONS/DELETIONS

Changes to the Bid document which are outlined below are referenced to a page or Section in which they appear conspicuously. The Bidder is to take note in its review of the documents and include these changes as they may affect work or details in other areas not specifically referenced here.

Section/Page(s)

Change

Section 02530

As updated herein:
Specification 02530 – Concrete Curb and Gutter included.

Comment:

Specification Section 02530 specifies requirements for concrete curb and gutter as shown on sheet LC-02 and is attached for review.

LC-03

As updated herein:
Included following note:
“THE PROJECT STAGING AREA SURFACE SHALL BE PROTECTED BY THE PLACEMENT OF A NON-WOVEN GEOTEXTILE FABRIC PRIOR TO THE PLACEMENT OF ANY ROCK OR STONE SURFACING. UPON COMPLETION OF THE PROJECT, THE ENTIRE AREA DISTURBED BY THE STAGING OPERATIONS SHALL BE RESTORED TO THE ORIGINAL LAWN/TURF CONDITIONS. SOIL COMPACTATION DUE TO CONSTRUCTION ACTIVITIES OR MATERIAL STORAGE SHALL BE MITIGATED BY ENSURING THAT THE STAGING AREA TOPSOIL IS

LOOSENED AND SMOOTHED.”

Comment: Note, Sheet LC-03 has not be reissued but the change will be captured in the Conformed Drawings set.

II. QUESTIONS AND ANSWERS

The following Questions have been received by the City. Responses are being provided in accordance with the terms of the RFP. Bidders are directed to take note in their review of the documents of the following questions and City responses as they affect work or details in other areas not specifically referenced here.

Question 1: Can you provide the Pre-Bid Meeting Sign-In Sheet and Presentation for reference?

Answer 1: Yes, the documents are attached.

Question 2: Section 15060 2.10 calls for aluminum dust cap, aluminum male X mip adapter, and a stainless-steel companion flange. Would an aluminum dust cap and an aluminum flange x male adapter (DIXON 400AL-AL) be acceptable?

Answer 2: Yes, this is acceptable.

Question 3: Per the drawing LC-02 it indicates that we can use existing sanitary manhole for temporary by-pass pumping. How far to the East is the next structure that the 6” force main ties into that we can discharge to?

Answer 3: See attached Existing As-Built Profile of the Arbor Landing Lift Station. The existing 6-inch forcemain discharges approximately 307 feet downstream of the station to manhole S-6 which is in the road on Pinewood Street. Temporary piping to this manhole is considered impractical and instead, Contractors should plan to install a temporary bypass pumping connection to the existing 6-inch ductile iron pipe at the point the new and existing 6-inch ductile iron pipe will connect (refer to LC-02). This work is considered means and methods.

Question 4: What is the existing Force main distance from the Arbor Landing Lift Station to next structure or Lift Station. To assist in draining back the Force main for Tie in purposes.

Answer 4: The existing 6-inch forcemain discharges approximately 307 feet downstream of the station to manhole S-6 which is in the road on Pinewood Street. See attached existing forcemain profile for reference. This accounts for approximately 60 cubic feet or 450 gallons of sewage in the forcemain.

Question 5: Do you have an estimated flow rate for the Arbor Landing Lift Station? We know what the Pumps are rated for but didn't know if Seasonal Flow Rates have been recorded. To aid in draining down and isolating the station during Forcemain tie in.

Answer 5: Influent flow rates into the station are not available. For the purpose of determine the time available to make the force main connection, assume station inflow rates are the rated capacity of the lift station (445 GPM).

Question 6: Per the LC-01 Existing Site Plan drawing, the manhole to bypass from is west of the existing Wet Well, however, it could not be located while onsite. I take it that it is just buried below the road stone. As for the bypass discharge, I do not see any detail of what type of connection is available or location to design the bypass. If possible, can you please provide directive.

Answer 6: The existing manhole west of the station that is to be used for bypass pumping is located in the gravel drive/cul-de-sac and is below the existing grade. . The means and methods to preform bypass pumping and make the permanent connection from the new forcemain to the existing shall be included in the Bypass Pumping Plan and shall meet the requirements outlined in the Specifications but shall be the responsibility of the Contractor to determine and perform.

Question 7: Are there any AIS or Domestic requirements for the above-mentioned project?

Answer 7: No, there are not any AIS or Domestic requires for the Arbor Landing LS Replacement Project.

Question 8: Is there a Precast Concrete Specification that should be used for the precast Valve Vault that will be installed that shows specific manufacturers or are any manufacturer/supplier acceptable?

Answer 8: Correct, any manufacturer/supplier is acceptable as long as the manufacturer/supplier can meet the precast concrete requirements outlined on Sheet LP-01 and Specification 03310 – Concrete Work.

Question 9: In the index it shows a Concrete Curb and Gutter Specification, but it is not in the specs. Please provide section.

Answer 9: The concrete curb and gutter specification has been removed from the specifications table of contents/index.

Question 10: Is there a contact that the City of HRC has been in contact with at DTE? This may be beneficial for figuring out the cost of DTE work.

Answer 10: A work order with DTE has not been generated for this project. Electrical in the area comes to the site via above ground electrical wires from the west.

Question 11: Sheet LE-02 states, “Flange Mounted Disconnect (located on door-in-door panel faceplate), however, flange mounted disconnect enclosures all have the handle opening on the outside of the enclosure on the right flange or center post flange. If you do intend for the disconnect handle to be on the inner door, then can we take exceptions to the flange disconnect requirement and use a rotary handle instead?

Answer 11: A rotary disconnect/handle is acceptable as long as the handle is on the inner door and not accessible from the outside.

Bidders are responsible for any conclusions that they may draw from the information contained in the Addendum.

SECTION 02530

CONCRETE CURB AND GUTTER

PART 1 GENERAL

1.1 GENERAL REQUIREMENTS

- A. This work shall consist of constructing portland cement concrete curb, gutter or combination curb and gutter, with or without steel reinforcement as provided on a prepared base.
- B. The construction shall follow the construction of concrete base course or concrete pavement but shall be in advance of the construction of non-rigid types of pavement or base course.
- C. The materials and construction shall be as specified in MDOT Specification Section 6.09.

1.2 SUBGRADE

- A. The subgrade shall be prepared in accordance with Specification Section 02200, Earthwork, and shall be maintained as prepared, true to the required grade and cross section, until the concrete has been placed thereon.

1.3 FORMS

- A. Forms shall be of metal, straight and free from distortion, and of sufficient strength to resist springing during the process of depositing concrete against them. They shall be of an approved section with a flat surface on top. Wood forms may be used on sharp turns and for special sections when approved by the Engineer. The forms shall be of the full depth of the structure and shall be so construct as to permit the inside forms to be securely fastened to the outside form. Face and back forms will be required when constructing straight curb, and back forms with templates of the required curb shape shall be used when constructing roll curb. Approved flexible forms will be required where the radius to the back of curb is less than 200 feet.
- B. Forms shall be well built, substantial and unyielding. They shall be securely staked and braced to the required line and grade, and sufficiently tight to prevent the leakage of mortar. The forms shall be thoroughly cleaned and oiled with a light clear paraffin oil which will not stain the concrete.
- C. No concrete shall be placed until the subgrade and forms have been approved by the Engineer. The subgrade shall be wetted and the concrete deposited to the proper depth. The concrete shall be spaded sufficiently to eliminate all voids, after which it shall be finished smooth and even by means of a float.
- D. The placing and finishing of concrete curb and gutter by the use of a mechanical curb and gutter paver will be permitted, provided the required cross section and finish is obtained. Should the use of such mechanical paver produce curb or curb and gutter having an unsatisfactory cross section or finish, the use of such machine shall be discontinued and the

construction shall be done as otherwise required by these Specifications. All unsatisfactory work shall be removed and replaced as directed by the Owner at no cost to the Owner.

1.4 REINFORCEMENT

- A. When steel reinforcement or tie bars are called for on the plans, the bars shall be properly spaced and held in the correct position during the placing of concrete by the use of bar chairs or other approved devices. Bars shall be lapped at least 10 inches unless otherwise shown on the Plans.

1.5 JOINTS

- A. Joints shall be constructed with their faces perpendicular to the surfaces of the structure, and shall not vary more than 1/4 of an inch from their true designated position.
- B. The concrete at the faces of all joints shall be thoroughly spaded and compacted to fill all voids and all exposed surfaces shall be finished smooth and true to grade.

1.6 EXPANSION JOINTS

- A. Expansion joints of 1 inch thickness shall be placed through the curb, or gutter, or combination curb and gutter, at the springline of all street returns and elsewhere as shown on the plans.
- B. The expansion joint material shall be precut so as to conform to the geometric shape and cross sectional area of the structure. The joint filler shall extend to the full depth of the joint and the top shall be flush with the finished surface of the structure. No reinforcing steel shall extend through an expansion joint.

1.7 PLANE OF WEAKNESS JOINTS

- A. Plane of weakness joints shall be placed through the structure at a uniform interval of 10 feet unless otherwise directed by the Engineer. No curb or curb and gutter section shall be less than 5 feet in length.
- B. Plane of weakness joints shall be formed by steel templates 1/8 inch in thickness, shaped to conform to the required cross section of the structure, which shall not extend below the top of the steel reinforcement or which shall be notched to permit the steel reinforcement to be continuous through the joint. The templates shall be left in place until the concrete has set sufficiently to hold its shape, but shall be removed while the forms are still in place.

1.8 CONSTRUCTION JOINTS

- A. Construction joints shall be placed at the end of each day's pour, unless the pour ends at an expansion joint.
- B. Construction joints shall be formed by steel templates 1/8 inch in thickness, shaped to conform to the required cross section of the structure. The templates shall be left in place until the concrete has set sufficiently to hold its shape, but shall be removed while the forms are still in place. No reinforcing steel shall extend through the construction joint.

1.9 FINISHING

- A. The edges of the gutter, the back top edge of the curb and all transverse joints shall be rounded with an approved finishing tool having a radius of 1/4 inch. The face of the curb, at the top and bottom, shall be rounded with approved finishing tools having the radii shown on the plans.
- B. The exposed surfaces of the concrete curb, gutter, or combination curb and gutter, shall be finished smooth and even by means of a moistened wooden float or other means having the approval of the Engineer. The finished surfaces shall not vary more than 1/8 inch in 10 feet from the established grade. Neat cement or mortar shall not be used to facilitate the finishing of surfaces.
- C. Immediately after the forms are removed, all visible areas of honeycomb and minor defects shall be filled with mortar, composed of one part portland cement and two parts fine aggregate from the same sources as used in the structure, applied with a wooden float. Immediate steps shall be taken by the Contractor to correct the conditions contributing to these defects.

1.10 CURING

- A. After the finishing operations have been completed and immediately after the free water has left the surface, the surface of the concrete shall be completely coated and sealed with a uniform layer of white membranous curing compound. The compound shall be applied in one or two applications as directed by the Engineer. When the compound is applied in two increments, the second application shall follow the first application within 30 minutes.
- B. The compound shall be applied in a continuous uniform film by means of mechanically pumped pressure sprayer equipment at the rate directed by the Engineer, but not less than one gallon per 200 square feet of surface. The equipment shall provide adequate stirring of the compound during application. The equipment for applying the compound must be on the project and approved by the engineer before work is started.
- C. If the compound is too thick for satisfactory application during cold weather, the material may be warmed in a water bath at temperatures not over 100 deg. F. Thinning with solvents will not be permitted.

1.11 DAMAGED SURFACES

- A. If rain falls on the newly coated pavement before the film has dried sufficiently to resist damage, or if the film is damaged in any other way, the Contractor will be required to apply a new coat of material to the affected areas equal in curing value to that specified for the original coat. The treated surface shall be protected by the Contractor from injury for a period of at least 7 days. Immediately after the forms are removed, the entire area of the sides of the curb shall be coated with the curing compound.
- B. The Contractor shall provide on the project sufficient burlap or cotton coverings for the protection of the pavement in case of rain or breakdown of the spray equipment. If hair checking develops before the curing compound can be applied, the procedure as specified herein shall be modified in that preliminary curing with wetted burlap or cotton coverings, as specified under the general requirements for curing, shall be performed before curing compound is applied.

1.12 BACKFILLING

- A. After the concrete has sufficiently cured, the curb, gutter or combination curb and gutter, shall be backfilled to the required elevation with approved material, which shall be compacted and left in a neat and workmanlike condition.

END OF SECTION

ARBOR LANDING LIFT STATION REPLACEMENT PROJECT

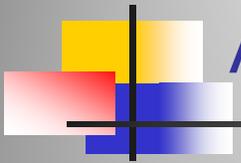
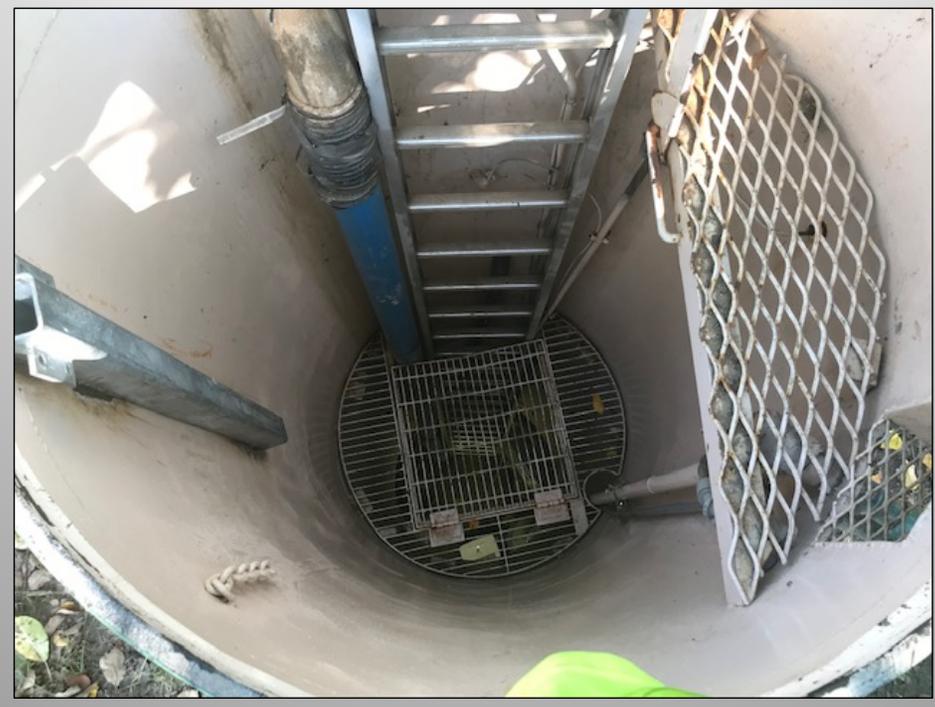
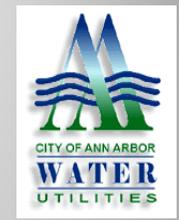
Mandatory Pre-Bid Meeting

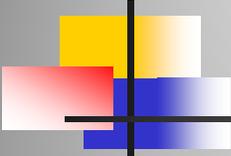
March 31, 2022 - 10:00 am

Sign In Sheet

Name	Company	Phone / Email
Brent Canup	Midwest Power Systems	248-770-5121 midwestPowerSystems@Gmaic.com
Michaela Zaenglein	A.Z. Shmina, Inc	810 227 5100 mz@azshmina.com
Amy Veselshy	KSB DUBRIC	248-416-0539 Amy.Veselshy@ksb.com
Josh Czajka	CSM Mechanical	248-915-4326 Josh@CSMmechanical.com
Dan Muszynski	LA SALLE	810.560.0982 DMUSZYNSKI@LASALLEINC.COM
Patrick Dunigan	Dunigan Bros, Inc.	517-416-9064 patrick@duniganbros.com
Sarah McMaster	Detroit Pump	248 336 5221 Sarah.mcmaster@detroitpump.com
BLAKE ZAPCZYNSKI	Z-CONTRACTORS, INC	(586) 255-2421 bzap@z-contractors.com
TIM LAWLE	STURGEON EQUIPMENT	248-303-3145 TLawle@STURGEONEQUIP.COM

Ann Arbor RFP No. 22-32 Arbor Landing Lift Station Replacement

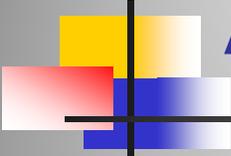




Arbor Landing Lift Station Replacement Project

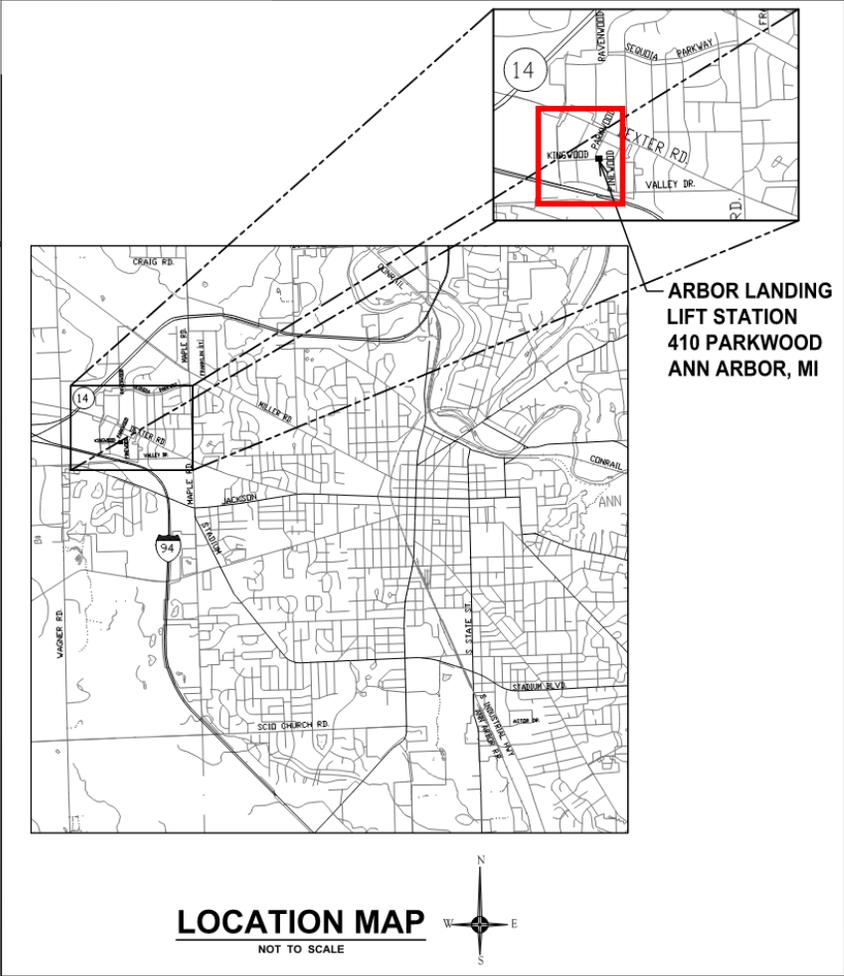
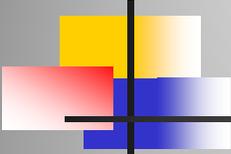
Introductions

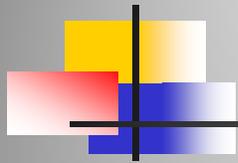
- Earl Kenzie - Wastewater Treatment Services Unit (WWTSU) Manager
- Keith Sanders – WWTSU Assistant Manager
- Chris Englert – WWTSU Engineer
- Paige Hammerl – Hubbell, Roth & Clark / Design Engineer



Arbor Landing Lift Station Replacement

- 410 Parkwood St. Ann Arbor, MI
- NOTE: Lift Station is located at the end of the cul-de-sac off Kingwood St.
 - Residential address to get to site = 3120 Kingwood St.

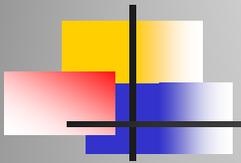




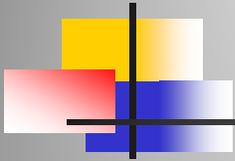
General Project Scope & Requirements

- Structural rehabilitation of existing 6' dia. wet well.
- New below grade 6' dia. valve vault.
- Provide bypass pumping throughout construction duration

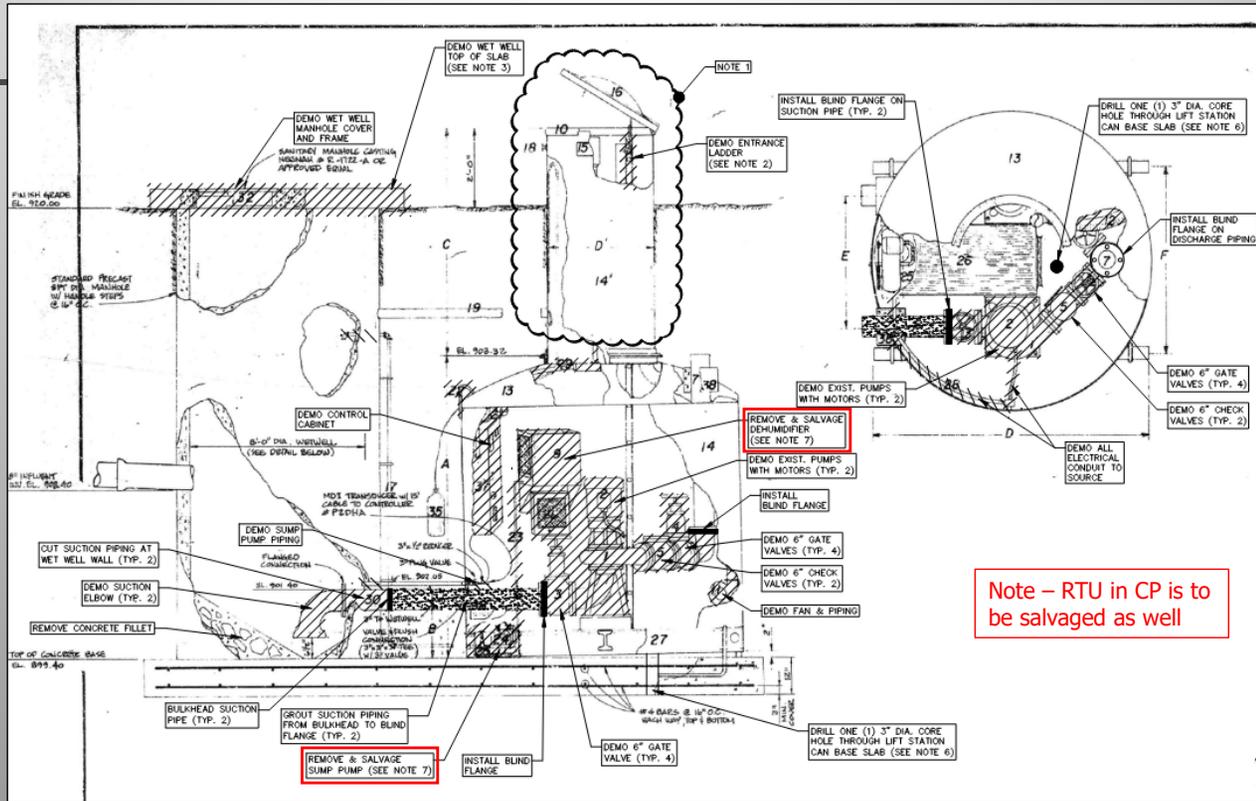
Arbor Landing LS Street View



Arbor Landing LS Street View

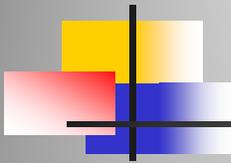


Existing Wet Well & Dry Pit Modifications

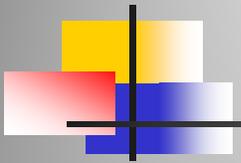


Note – RTU in CP is to be salvaged as well

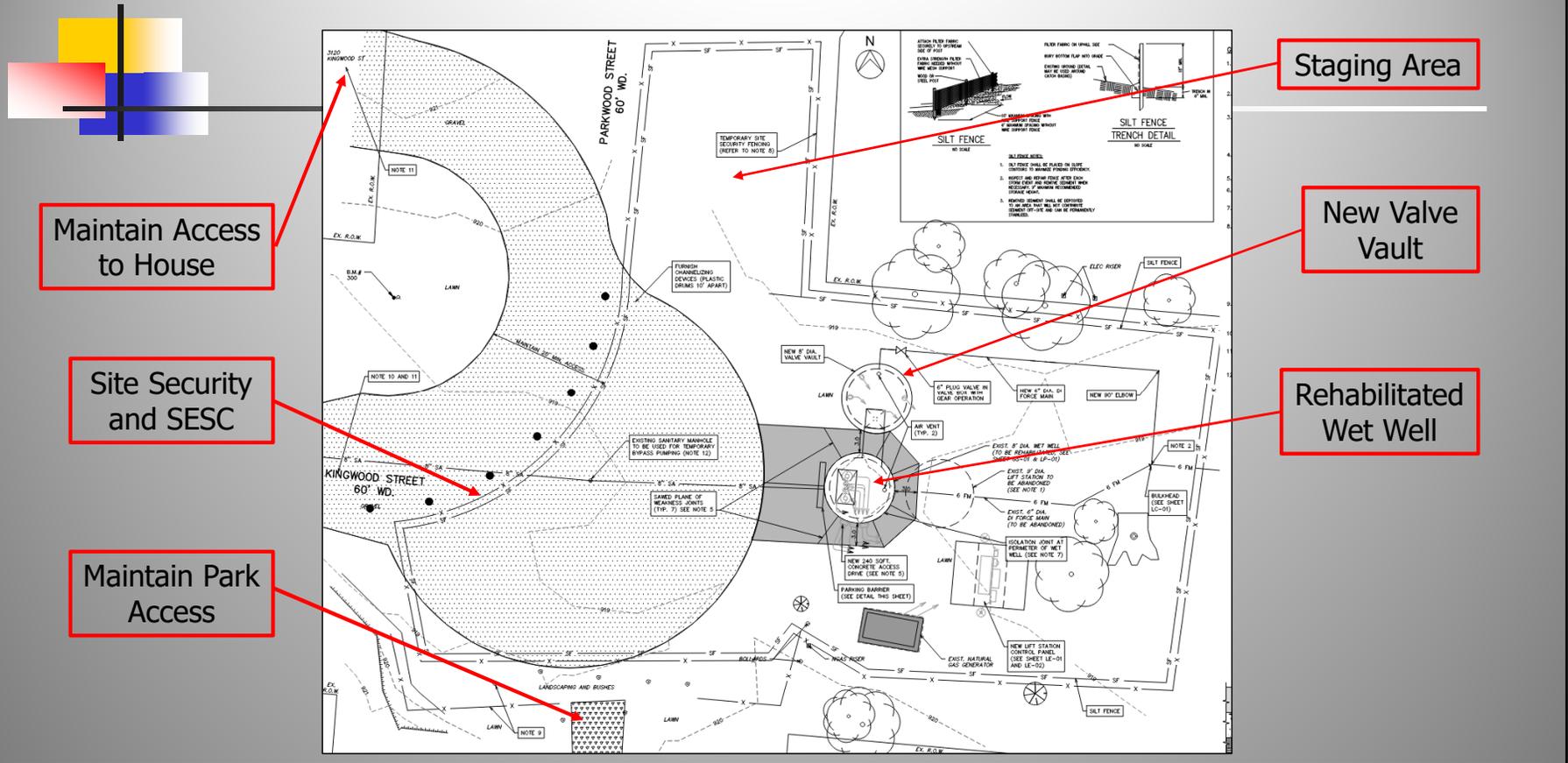
Existing Arbor Landing LS Dry Pit Photos



Existing Arbor Landing LS Dry Pit Photos



Arbor Landing Construction Notes

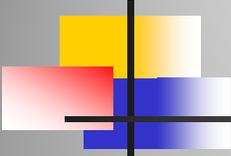


Arbor Landing LS Site Access

Note Site Access Notes on Sheet LC-02

8. CONTRACTOR EMPLOYEE PARKING AND EQUIPMENT STAGING MUST BE CONFINED WITHIN THE LIMITS OF THE TEMPORARY SITE FENCING PLAN SHOWN. EXTENT OF SITE SECURITY FENCING IS APPROXIMATE AND SHOULD BE FINALIZED BY THE CONTRACTOR BASED THE EXTENT OF PROJECTED CONSTRUCTION ACTIVITIES AND STAGING REQUIREMENTS AND IS SUBJECT TO APPROVAL BY THE CITY OF ANN ARBOR PARKS DEPARTMENT. ALL CONSTRUCTION EQUIPMENT, TEMPORARY BYPASS PUMPS AND GENERATORS, ETC. MUST BE ENCLOSED WITHIN 6' CHAINLINK SITE SECURITY FENCING. SITE FENCING SHALL BE SECURED WITH PADLOCK AND KEY WITH AN ADDITIONAL KEY TO BE PROVIDED TO THE OWNER FOR ACCESS TO THE LS SITE FOR ROUTINE MAINTENANCE.
9. EXISTING EVERGREEN PARK FENCING AND PARKING BARRIERS ARE TO BE MAINTAINED AND SHALL BE UNIMPEDED THROUGHOUT CONSTRUCTION FOR PUBLIC ACCESS TO WALKING TRAIL. TO BE COORDINATED WITH CITY OF ANN ARBOR PARKS DEPARTMENT.
10. CONTRACTOR TO COORDINATE ANY REQUIRED SIGNAGE AND TRAFFIC CONTROL DEVICES WITH THE CITY OF ANN ARBOR.
11. CONTRACTOR MUST MAINTAIN ACCESS TO ADJACENT PROPERTY OWNER AT ALL TIMES. STREET PARKING ALONG KINGWOOD STREET BY CONTRACTOR EMPLOYEES IS PROHIBITED.

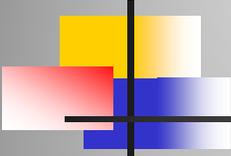




Arbor Landing Lift Station Replacement Project

Bid Schedule – RFP No. 22-32

- Bidder Questions Due – April 12, 2022 at 5:00 PM
- Bid Addenda Issued – Week of April 11, 2022
- Site Visits
 - Interior dry pit can mechanical, electrical and wet well interior photos available in lieu of a site visits.
 - Site visits available upon request.



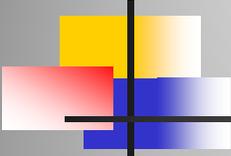
Arbor Landing Lift Station Replacement Project

Bid Schedule – RFP No. 22-32

- **Bids Due to City – April 26, 2022 by 2:00 PM**
- Mailing Address: City of Ann Arbor
Procurement Unit
c/o Customer Services, 1st Floor
301 East Huron Street
Ann Arbor, MI 48104

- Hand delivered proposals may be dropped in the Purchasing drop box located in the Ann Street (north) vestibule of City Hall which is accessible 24/7

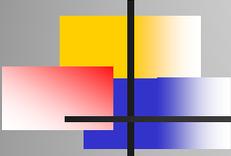
NO BIDS WILL BE ACCEPTED AFTER 2:00 PM



Arbor Landing Lift Station Replacement Project

Contract Requirements

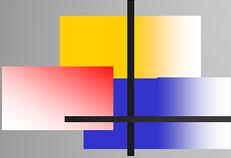
- Substantial Completion – 194 calendar days
- Final Completion – 30 calendars following SC
- Liquidated Damages
 - \$1000 per day delay of SC
- Selection / Negotiations – May 2022
- Expected Council Authorizations – June 2022



Arbor Landing Lift Station Replacement Project

Ann Arbor Contract Requirements

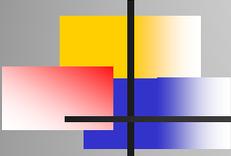
- Sample Contract included in RFP
- Prevailing Wage Project – Heavy Constr. – included in Add No. 1
- Ann Arbor Non-Discrimination Ordinance
- Living Wage Ordinance Declaration and Compliance
- Vendor Conflict of Interest Disclosure Form
- ***Proposals that fail to provide the required forms listed above upon bid opening may be deemed non-responsive and may not be considered for award.***



Arbor Landing Lift Station Replacement Project

Bid Form Discussion

- ALL SUBSTITUTIONS/ALTERNATIVES MUST BE IDENTIFIED IN THE BID FORM (SECTION 2 E.) OR **WILL NOT BE CONSIDERED DURING CONSTRUCTION**



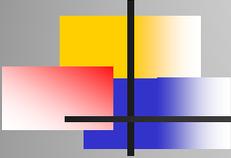
Arbor Landing Lift Station Replacement Project

Submit RFP Questions to:

- Keith Sanders, ksanders@a2gov.org

Submit Purchasing Questions to:

- Colin Spencer, Cspencer@a2gov.org



Arbor Landing Lift Station Replacement Project

Questions?

(Note – Questions will be noted but must also be submitted formally to be included in Addendum)

