



**CITY OF ARCADIA  
BID NO. 2019-02  
SANITARY COLLECTION SYSTEM  
IMPROVEMENTS PROJECT (PHASE 1)**

**ADDENDUM TO IFB**

**ADDENDUM NO.: 2**

**ISSUED: 1/29/2019**

**City of Arcadia  
Margaret Way Building  
23 North Polk Avenue  
Arcadia, FL 34266**

**BID DATE: 2:00 p.m., 2/21/2019**

**NOTICE:** Receipt of this addendum must be confirmed on the first page of the Bid Form where indicated and submitted as part of the bidder's sealed bid proposal.

**TO BIDDER:** This Addendum is an integral part of the bid package under consideration by you as a Bidder in connection with the referenced bid project noted above. The City of Arcadia deems all sealed bids to have been proffered in recognition and consideration of the entire bid package – including all issued addenda. The information, responses to questions, changes, and modifications included in this addendum is hereby incorporated into the bid documents previously issued for this project and supersedes any conflicting requirements of previously issued documents. Bidders shall incorporate the information and items as noted below into their bid proposal.

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**ITEMS INCLUDED IN THIS ADDENDUM:**

1. **EXTENSION OF TIME:** PLEASE NOTE THAT THE DUE DATE FOR IFB RESPONSE TO IFB 2019-02 SANITARY COLLECTION SYSTEM IMPROVEMENTS PROJECT-PHASE 1 HAS BEEN EXTENDED. BELOW ARE THE NEW DEADLINES:

**DUE DATE AND TIME FOR  
SUBMITTAL PACKAGE  
TO BE SUBMITTED:**

**THURSDAY, FEBRUARY 21, 2019 AT 2:00 P.M.**

**DEADLINE FOR INQUIRIES  
AND CLARIFICATIONS  
REQUESTS:**

**TUESDAY, FEBRUARY 12, 2019 AT 12:00 P.M.**

2. The meeting minutes and sign-in sheet from the Mandatory Pre-Bid Meeting held on Wednesday January 23, 2019 are attached.
3. The Engineer's estimate is attached.

**Note:** Questions that were asked at the Mandatory Pre-Bid Meeting Wednesday January 23, 2019 and any other questions that have come in will be answered in Addendum No. 3.

**MANDATORY PRE-BID MEETING MINUTES**  
**IFB NO. 2019-02**  
**SANITARY COLLECTION SYSTEM IMPROVEMENTS PROJECT (PHASE 1)**  
**CITY OF ARCADIA**  
**WEDNESDAY, JANUARY 23, 2019**  
**10:00 A.M.**

Fiscal Assistant/Purchasing Agent Darlene Davis called the meeting to order at approximately 10:02 a.m. and the following staff was present:

City Administrator Terry Stewart  
Fiscal Assistant/Purchasing Agent Darlene Davis  
Hazen and Sawyer Engineer Julie Karleskint

Finance Director Beth Carsten  
City Clerk Penny Delaney

Fiscal Assistant Darlene Davis asked everyone in attendance to be sure to sign in on the sign in sheet. She then introduced City Administrator Stewart who thanked everyone for being in attendance and stated that this is a new day for the City of Arcadia and much different than from the past decades. He referred to the current project which would span approximately six (6) or seven (7) years in at least three (3) phases. He stated each phase would stand on its own and would be bid out separately, but stated the contractor's ability to be successful on the first one would weigh heavily on whether or not they might be successful on later ones. City Administrator Stewart estimated the current project overall at approximately Twenty-Two Million and 00/10 Dollars (\$22,000,000.00) worth of work. He asked the contractors to think into the future and not just this particular phase. He stated a lot had changed within the City; it has very high standards and high expectations about the kind of work it wants. He stated whether each contractor was either the largest or smallest company in attendance, they have an equal opportunity to be successful if they meet the criteria. He thanked everyone again and advised he would not be participating in the meeting as a whole, but wanted to advise what lies beyond this particular bid process.

Finance Director Carsten advised that the finance department handles the purchasing and would be working very closely with the project. She advised that Darlene Davis would be the contact and any questions about the bid would need to be directed to her either through email or in writing. She advised all such documentation was on the first page with all of Mrs. Davis' information and it would be as such throughout the bid. Finance Director Carsten advised the opening for the bid would be Tuesday, February 12, 2019 at 2:00 p.m. in the Council Chambers and the inquiries and clarifications run through 12:00 p.m. on February 1, 2019. She stated an addendum would be out the following Monday and the opening would be on February 12, 2019. She referred to the information laid out on Section 100, page 8 of the document and the following section which was the instructions which included insurance requirements, bond requirements and the cone of silence which prohibits City staff from talking to anyone regarding the bid with the exception of Darlene Davis.

City Engineer Julie Karleskint and Project Manager for Hazen and Sawyer advised she was accompanied by Samantha Lemaster of Hazen and Sawyer who assisted in putting the bid together and Construction Manager Rob Bolesta who will be overseeing the construction. City Engineer Karleskint advised the project was being funded with an SRF loan and grant and requires Davis Bacon Wage Rates, has Buy American, encourages equal opportunity and there is a six point nine percent (6.9%) minority that they would like to achieve. She advised the primary contractors needed to sign the Appendix A that states they are aware of all the requirements. She pointed out that the Buy American was primarily related to the steel (the structural steel would be required); a lot of this project will be manhole replacement and lift station rehabilitation; contractors did not have to worry about the pumps, but anything related to the structural would have to be the structural steel (valves, fittings, etc. would have to be Buy American).

City Engineer Karleskint advised this project was the first of three (3) phases and possibly four (4) phases because as they progress, more sewers may need to be replaced. She advised the sewers were being replaced closer to the treatment plant and then they would work their way back. She advised this would include putting in a brand new sanitary sewer along Parker Street which would include a jack and bore under SR 70, She stated currently there is a lined gravity eight inch (8") sewer and a brand new jack and bore fifteen inch (15") sewer under Parker Street.

She advised they would also be putting in a new fifteen inch (15") sewer going to eighteen inch (18") coming into the treatment plant. She stated there would be a brand new influent master manhole at the treatment plant prior to the influent pump station. She shared that there was a twenty inch (20") clay sewer that has been abandoned under Parker Street and in areas where it can be accessed, it is being requested for it to be crushed or grouted so the road can basically be rebuilt.

City Engineer advised this would all be done under a lump sum cost which would include everything from Parker Street which would include putting in the brand new sewer down Parker Street which will be tied into one of the manholes there so that it can be constructed without having to worry about the existing surfaces until the connections can be made. She advised there were only five (5) people that were connected to it which would have to be reallocated to the existing one.

Regarding the wastewater influent pump station, she advised the influent pumps had already been replaced, but everything else that is left will be done which will include the following: new control panels, BFDs, new master manhole to replace the existing one (bypass pumping will be required to do so), coding for the influent pump station (which will also require bypass pumping). She stated there is a connection to the bypass pump which will get it into the headworks. She further stated it would have to be pulled out of one of the manholes to make the connection (has been done before so it has been figured out). She suggested it was better to do the work in the dry season rather than the wet season.

City Engineer Karleskint advised some of the sanitary sewers would be replaced as they come into the treatment plant from the south (there is an eighteen inch (18") and they would start after the railroad crossing and along the railroad up to the back of the plant. One section has all been lined and looks to be in good shape with no connections to it so it will be left in place, but everything else will be replaced. To the north, the sanitary sewer will be replaced where the jack and bore is going up near Hickory where SR 70 diverges and will be eight inch (8") up to Baldwin and then it will go to ten inch (10") as it comes down up to Parker before the jack and bore. She advised they had approximately twelve hundred feet (1200') of eight inch (8") that was being replaced; approximately eight hundred feet (800') of ten inch (10"); and approximately seventeen fifty feet (1750') of eighteen inch (18"). She advised this was related to the replacement of the sewer and the manholes as well.

Regarding the lift station rehabilitation, City Engineer Karleskint stated there were eleven (11) pump stations; ten (10) will have new pumps and an existing pump will be used in one (1) of them (Maple Street). At Maple Street, she advised the wet well is in poor shape and will be replaced with a new structural liner. In order to rehabilitate it, she spoke of the need to discuss ways to bypass the pump (there is a force main coming into it and it may be possible to connect into it). She spoke of the ten (10) other pump stations that are having new pumps installed and advised four (4) of them were basically going to replace the whole pump station including the wet well (Ridgewood, Bridle Path, the shopping center and the Housing Authority), three (3) of them will utilize the existing wet well as a master manhole and the others will have a deeper wet well in most cases. The ones requiring a complete and total rehab will also include replacement of new control panels for the lift stations which will be beneficial for the City to monitor the lift stations from the plant. City Engineer Karleskint also advised that two (2) portable generators which will be kept at the plant had been added to service the lift stations.

Mrs. Karleskint stated that she hoped everyone had received Addendum 1 which had gone out immediately when it was realized that the wrong measurement and payment section had been used. She then opened the meeting up for questions which any contractors may have.

Ted Holtzman of Mader Electric Motors had a question regarding page four (4), first paragraph of the addendum, which mentions dual transmitters in the influent pump station. He asked if it was actually two (2) level transmitters with one (1) as a backup and one (1) as a primary. City Engineer Karleskint stated she would have to ask the person who did the electrical guide and stated she would get back with him. He stated he would turn it in as a RFI design. He then referred to the pumps that were specified, he stated there was an "or equal to" and he stated he would like to enter in a different pump as an alternate and asked if he submitted that pump information to her and she advised that he would.

Martin Sintov of GML Coatings asked if Maple Street was the only lift station that was getting the epoxy coating and would the others be getting the cementitious and City Engineer Karleskint confirmed he was correct.

Ignacio Arias of Epoxytec stated he was one of the coating vendors on the project and upon reviewing Section 9800 - Protective Coatings, he stated there was some discrepancies. He questioned the structural coatings system and asked if they could send it in as an RFI and City Engineer Karleskint advised that he could. He then stated the epoxy coating should typically be the UME composite system which has a cementitious liner and then the epoxy system over the top of it and asked if it could be submitted for consideration for the four (4) pump stations that are either being replaced or rehabilitated and City Engineer Karleskint advised that he could. Mr. Arias then asked if the four (4) “replacement or rehabilitated” was “and/or” or where they being fully replaced with new structures. City Engineer Karleskint advised that four (4) would have new wet wells so when it was called “replacement” it was basically a new wet well. He asked for confirmation that three (3) would be changed over to master manholes and Mrs. Karleskint confirmed that three (3) would be master manholes and one (1) will be utilizing the existing manholes coming in. He asked what kind of consideration was being done for the master manholes as far as a coating system inside of them and Mrs. Karleskint stated they were looked at and they appear fine and a coating is not shown for the new manholes. Mr. Arias asked if he could submit something just in case if this is going to be a five (5) to seven (7) year project with three (3) phases. Mr. Arias restated his question and asked of the three (3) manholes being changed over to master manholes, were they to be lined and City Engineer Karleskint stated she would need to verify that. Mr. Arias stated that he would send all his questions regarding the RFIs to Mrs. Davis.

Bill Scheets of Hinterland Group, Inc. asked if there was an engineer’s estimate. City Engineer Karleskint advised that there was one, but the City has asked not to make it public at this point.

Jack Morsink of Westra Construction asked if the Twenty-Two Million and 00/100 Dollars (\$22,000,000.00) was all phases combined and Mrs. Karleskint confirmed it was for all three (3) phases combined.

Rick Hoffman of Woodruff and Sons referred to the measurement of payment in Section 520, Sample Agreement, Contract Time, under “Liquidated Damages”, and pointed out it has “five hundred dollars” in writing, but “\$1,000.00” in parenthesis for substantial and he stated under the final completion, it also has “two hundred dollars” in writing, but “\$500.00” in parenthesis. City Engineer Karleskint apologized and stated it would be corrected. He then asked what permits would they be required to obtain and Mrs. Karleskint advised the only required permit would be the right-of-way FDOT permit. She advised the DEP permits had been obtained. He asked for confirmation that the FDOT had not issued a permit for guidelines and Mrs. Karleskint stated the plans had been shown and it was only the jack and bore that impacts FDOT. She further stated the plans had been provided to FDOT, they had looked at it, but the permit had not been obtained because the contractor is unknown or when it will be started. Mr. Hoffman asked if there were any specific comments from FDOT regarding the jack and bore that might be of interest to them (the contractors). She stated the FDOT had stated they were fine with the jack and bore so she assumed it met FDOT requirements. He then asked how many total project signs there were and City Engineer Karleskint stated there was just one (1). He

asked about the geo technical testing and if the owner was providing all of such and Mrs. Karleskint stated that the geo technical testing was included as part of the appendix for the four (4) pump stations that are being replaced. Regarding any density testing or requirements, he asked if the contractors were having to bore such cost and asked if the City (owner) was and Mrs. Karleskint stated she would have to check the specs for such. Mr. Hoffman asked what testing requirements would be required for the removal and replacement of the new sewer and City Engineer Karleskint replied that typically when they had done replacement, they have had someone on site to verify everything is being done and a manager has been brought through it. Mr. Hoffman asked for confirmation that a manager will test only no air infiltration and exfiltration. Mrs. Karleskint stated that unless there appears to be an issue or concern with the inspector, then they will provide for additional testing, but if everything looks good, they will proceed. Mr. Hoffman stated that while they were discussing removal and replacement, under the general notes plan sheet 3, it states that the contractor has to go out and survey all of the existing manholes, provide data to the City and more or less design the system. City Engineer Karleskint stated existing sanitary sewers were being replaced and they had depths for all of them, but they do not have a detailed survey for the manholes that are being replaced so the contractors are being asked to go out there and verify the invert elevations are correct before they order it. Mr. Hoffman stated there are no invert elevations provided currently and Mrs. Karleskint stated the only invert elevations that have been provided were for the new sewer on Parker Street and they do not have the information for the existing sewers. He stated the contractors would have to survey, turn in the data to be reviewed and shop drawings cannot be submitted until they get the review from the City and Mrs. Karleskint stated he was correct. He stated it would take some time and she advised this is the way it has been done in the past and there have not been any issues. In note four, he pointed out that the minimum slope shall be one percent (1%) and City Engineer Karleskint stated that was wrong and would be point four (.4). She stated that was only for the new sewer; they would have to keep maintaining the existing slope. On plan sheet G3, Mr. Hoffman referred to language regarding replacement of sanitary lines, manhole number six (6) indicates installing a new four inch (4") lateral, but the details only show six inch (6") laterals. He asked if they were installing four inch (4") or six inch (6") and Mrs. Karleskint advised they would be six inch (6"). Under C1, Mr. Hoffman stated it indicates relocating the drain line from the plant drying bed to the manhole . . . He stated there was nothing shown on the plans, no details and they needed clarification of what they were actually doing at that location. City Engineer Karleskint understood and stated they could do that. Under Bid Form 5.2, he referred to the ten inch (10") sanitary sewer, 788 feet, he did not find anywhere in the plans where it indicated that a ten inch (10") sewer was being installed. City Engineer Karleskint thanked him for pointing that out and stated it should be replacing the eight inch (8") with ten inch (10") and she stated she would clarify such. She further stated it was shown on the bid form, but it did not make it onto the forms. Mr. Hoffman then referred to Item 5.6 - Reconnection of Wastewater Services at fifty (50) each . . . He stated there were three (3) sizes of gravity line and there was no indication of how many laterals or what size. Mrs. Karleskint stated they would clarify what the saddles are. He advised there were numerous references in the plans about saddles, but a saddle was not being placed on the main, but would instead be installing a Y and City Engineer Karleskint confirmed such. Regarding Addendum 1, under Roadway Restoration, he stated it read, "The base course shall then be compacted, treated with a

Pre-Bid Meeting Minutes

IFB No. 2019-02 Sanitary Collection System Improvements Project (Phase 1)

January 23, 2019

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sterilant . . .” and asked for clarification as to what that was. City Engineer Karleskint stated she was not quite sure where that came from. He then referred to “Base Group 4” in the same paragraph and stated Base Group 4 was four inches (4”), but the detail plan stated six inch (6”) ABC so he asked for clarification. He stated the detail also showed that the pipe trench itself for a foot and a half outside was all twelve inch (12”) asphalt base and asked if that was correct. City Engineer Karleskint stated she would have to verify that as well. He pointed out that under C6, it shows for twelve inches (12”) of base for a distance of twelve inches (12”) outside the edge of the pipe for that full distance and then it tapers up for another additional foot and a half on each side of the trench and asked if that was actually what was going to happen or if they were just going to go with the straight six inch (6”) asphalt base through there and Mr. Karleskint stated they would clarify such. Mr. Hoffman asked if Parker was being fully reconstructed to include curb and everything and City Engineer Karleskint stated they currently do not show in the plans to replace the curb on Parker. He stated they did not have details for an f-curb, but they have a detail for decurbing in the plans and Mrs. Karleskint stated she would get it clarified. He stated if they were not replacing curb, what would be the reconstructed curb width. City Engineer Karleskint stated that they were trying to stay with what the existing is and there is a culvert on Parker and they are not asking for anything to be done with the culvert at this time. He asked if the existing curb would be removed and Mrs. Karleskint stated that most likely they would need to remove the curb and replace it so she would provide clarification on such. She asked him to please provide his questions in writing and he agreed to do so.

Raymond Kahler of Xylem (FLYGH) Pumps stated the project states there will be a site visit. He asked if the site visit would only be at the influent or at all of the sites. City Engineer Karleskint stated it was primarily for the primary contractors that was going to bid the job and would be the mandatory site visit, but she recommended that they take a look at the pump stations if they want to be considered for replacing the pumps. He asked if after this meeting, they would be able to go to every single site and Mrs. Karleskint stated that was what they were planning. She then advised she had a list of all the pump station sites. She then advised she did not have her design engineers with her due to their having to be at other meetings which was why she was not able to answer a lot of her questions, but she asked that the questions be put in writing and they would respond to them as quickly as possible. Mr. Hoffman asked if the sign in sheet would be included in the addendum and he was advised that it would be.

There were no further questions and Fiscal Assistant Davis advised that all questions would be answered in an addendum and if there were other questions, she asked that they be sent to her in writing and she provided her email address. The meeting was adjourned at 10:38 a.m.

ATTEST:

\_\_\_\_\_  
Beth Carsten, Finance Director

\_\_\_\_\_  
Penny Delaney, City Clerk

**CITY OF ARCADIA**  
**SIGN IN SHEET**  
**INVITATION FOR BID 2019-02**  
**Mandatory Pre Bid Meeting**  
**Sanitary Collection System Improvements Project (Phase 1)**  
**January 23, 2019**  
**10:00 a.m.**

NAME	COMPANY/EMAIL
Ignacio Arias	Epoxytec. arias@epoxytec.com
RAY KALLER	XYLEM (FLYGT) RAY.KALLER@XYLEMINC.COM
Chad Baker	Chad@andrews.sitework.com
William Eastey	william@killebrewinc.net
Racheal Kirouac	Racheal@gounderground.biz
mario Velasquez	Precision Lift Stations
Julie Karlestint	Hazen & Sawyer <sup>JKarlestint@hazenandsawyer.com</sup>
Samantha Lemaster	Hazen and sawyer slemaster@hazenandsawyer.com
Bill Scheets	Hinterland Group Inc. <sup>info@hinterlandgroup.com</sup>
Keb Bolessta	H&S Kbolestae hazenandsawyer.com
Shane Kelly	shane@swutility.net
Joe McGuire	josephm@mini pumps.com
Dan Strickler	Strickler Eros Underground steve@stricklerbros.com
TC Blanford	XYLEM (Godwin Pumps) thomas.Blanford@xyleminc.com

**CITY OF ARCADIA**  
**SIGN IN SHEET**  
**INVITATION FOR BID 2019-02**  
**Mandatory Pre Bid Meeting**  
**Sanitary Collection System Improvements Project (Phase 1)**  
**January 23, 2019**  
**10:00 a.m.**

NAME	COMPANY/EMAIL
Wade Carreno	863-701-3876 Barney's Pumps/CARRENO@barneypumps.com
Chris Hicks	Global Pump Chris.Hicks@globalpump.com
SHANE SAPUTO	CEC MOTOR + UTILITY SSAPUTO@CECMOTOR.COM
Orain Albritton	A Plus Environmental/Registration
Jack Morsink	Westra Construction jack@westraconst.com
PETER POE	COBB SITE DEVELOPMENT OPERATIONS@LCOBBCONSTRUCTION.COM
Robert Bubar	Denco 239-332-4400 BBUBAR@Denco-INC.COM
Rick Hoffman	Woodruff + Sons rick@woodruffandsons.com
Ben Jenkins	Westra Construction bjenkins@westraconst.com
Penny Delaney	City of Arcadia - pdelaney@arcadia-fl.gov
Carl Haguidara	Paints and Coatings The Carl@PaintsandCoatings.net
SAM BAKER	SOUTHEASTERN Pump SBAKER@SEPump.com
Darlene Davis	COA ddavis@arcadia-fl.gov
MARTIN SINTOV	GML COATINGS MARTIN@GMLCOATINGS.COM



**CITY OF ARCADIA  
SIGN IN SHEET  
INVITATION FOR BID 2019-02  
Mandatory Pre Bid Meeting  
Sanitary Collection System Improvements Project (Phase 1)  
January 23, 2019  
10:00 a.m.**

NAME	COMPANY/EMAIL
<i>TED Holtzman</i>	<i>Mader Electric Motors - Wilo Pumps ted@maderelectricmotors.com</i>

## **Darlene Davis**

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**From:** Karleskint, Julie L [jkarleskint@hazenandsawyer.com]  
**Sent:** Tuesday, January 29, 2019 11:32 AM  
**To:** Beth Carsten; Darlene Davis  
**Subject:** Sanitary Collection System Improvements

As discussed, the Engineers estimate for this project is approximately 4.5 Million.

**Julie L. Karleskint, PE**

**Senior Associate Engineer | Hazen and Sawyer**

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941 321-4376 (cell)  
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