



Addendum #1
ITB # 45-21, Biosolids Management Services
August 26, 2021

NOTICE IS HEREBY GIVEN that the following addendum serves to provide clarification and to answer the questions received on ITB # 45-21, Biosolids Management Services.

Please note that Corrections/Additions have been made to the Bid document (copies of corrected pages are included at the end of this document):

Remove: DETAILED SPECIFICATIONS page 17, MILESTONES, page 26; BID PRICING, page 28

Replace: REVISED DETAILED SPECIFICATIONS page 17; REVISED MILESTONES, page 26; REVISED BID PRICING, page 28

Please add these new pages to your copy of the Invitation to Bid and remove the earlier versions of the same pages issued prior to this Addendum # 1.

Question 1: Are vendors required to bid on the alternate items?

Answer to Question 1: Reference DETAILED SPECIFICATIONS, Item 3(C) Alternate Bid Items, page 17.

Question 2: What Residuals Management Facility (RMF) does the City currently use and in what volumes for each Wastewater Reclamation Facility (WRF) location for the past two (2) years?

Answer to Question 2: The City's biosolids are transported to Compost USA and BS Ranch and Farm, Inc. RMF facilities. The volumes delivered for 2019 and 2020 are included below:

WRF Site	2019	2020
Marshall St.	4,208	5,015
Northeast	7,580	8,712
Total	11,788	13,727

Question 3: Who is the City's current vendor for these services and what price is the City currently paying?

Answer to Question 3: The City's current vendor is T. Wayne Hill Trucking, Inc. at the contracted price of \$0.03 per gallon for removal and transport of liquid biosolids from the East WRF to the Northeast WRF and \$55.87 per wet ton for removal, transport and disposal from Northeast WRF/ Marshall Street WRF via RMF disposal method. Additionally, the City pays \$25.97 per wet ton for removal, transport, and disposal from Northeast WRF/ Marshall Street WRF via land application disposal method.



Question 4: Does the City want to use land application or does the City prefer to use RMF?

Answer to Question 4: *Reference REVISED PAGE 17, Item 3(B) (i.)- Northeast WRF and/or Marshall Street WRF Biosolids (Dewatered Cake) to Residuals Management Facility (RMF), page 17 attached to end of addendum.*

Question 5: Do all of the City's WRFs make Class B biosolids?

Answer to Question 5: *The Northeast WRF and Marshall Street WRF can make Class B Biosolids at this time. Construction is anticipated during the term of this contract at one or both sites and may affect the production of Class B biosolids. The City's East WRF does not have the capability to meet Class B biosolids.*

Question 6: Would the City consider a longer initial term?

Answer to Question 6: *After further consideration, the City has revised the initial term of this contract to reflect a three (3) year term with the option for two (2), one (1) year renewals. Refer to REVISED MILESTONES, page 26 attached to end of addendum.*

Question 7: Are there any RMF sites that the City does not want vendors to use?

Answer to Question 7: *No, the City does not have prohibited sites.*

Question 8: Does the sludge tanker for liquid biosolids have to be 6,000 gallons?

Answer to Question 8: *Reference DETAILED SPECIFICATIONS, Item 3(C) (iii. & iv.)- Liquid Biosolids (Approximately 5% Total Solids) From Marshall Street WRF to Northeast WRF and Liquid Biosolids (Approximately 5% Total Solids) From Northeast WRF to Marshall Street WRF, page 18.*

Question 9: What are the Public Utilities hours of operation?

Answer to Question 9: *Reference DETAILED SPECIFICATIONS, Item 3(A) Frequency of Removal, page 16.*

Question 10: Will the awarded vendor have the ability to switch between RMF and land application disposal methods?

Answer to Question 10: *The awarded vendor has the ability to use an alternate disposal method upon review and approval by the Wastewater Environmental Technologies (WET) Manager and/or WET Assistant Manager.*

Question 11: How far is Marshall Street WRF from Northeast WRF?

Answer to Question 11: *The distance between the Marshall Street WRF and Northeast WRF is approximately 7.8 miles – 9.7 miles depending on the route that is taken.*

Question 12: Is the City currently hauling loads at night?

Answer to Question 12: *Yes, the City currently allows transporting at night.*

Question 13: Regarding the BID PRICING form, will the City consider splitting Base Bid Item (i.) – Biosolids (Dewatered Cake) to RMF by WRF location?

Answer to Question 13: *After further consideration, the City has revised Base Bid Item (i.) to Base Bid Items (i. & ii.) – Northeast WRF biosolids (Dewatered Cake) to RMF and*



Marshall Street WRF biosolids (Dewatered Cake) to RMF. Refer to REVISED DETAILED SPECIFICATIONS, page 17 and REVISED BID PRICING, page 28 attached to end of addendum.

Question 14: Does the City intend to bill per their scales onsite or by a 3rd party scale?

Answer to Question 14: Reference DETAILED SPECIFICATIONS, Item 12. MANIFESTS AND TRUCK TRACKING, page 23. The City has certified scales at the Northeast WRF and Marshall Street WRF which will be used for billing purposes.

Question 15: Are the City's scales certified?

Answer to Question 15: Refer to Answer to Question 14.

Question 16: Does the City fill the tankers onsite and then let the vendor know to pick them up?

Answer to Question 16: No, the vendor is responsible for filling their tankers at the East WRF. Public Utilities staff will assist in filling the vendor's trailers by running the reversing conveyor and helping the vendor to place the trailer in the correct location at the Northeast WRF and the Marshall Street WRF.

Question 17: Does the City monitor the scale so that the trailers do not get overloaded?

Answer to Question 17: Reference DETAILED SPECIFICATIONS, Item 5. VENDOR RESPONSIBILITY, page 19. The vendor must provide guidance and the identification of the fill limit in trailer(s) to assure the trailers are properly filled. The vendor, with the assistance of Public Utilities staff, will make sure and agree on all biosolid trailer weights. The Vendor and Public Utilities staff will use the onsite certified weight scale located at the Marshall Street WRF and Northeast WRF in the biosolids loading bays.

Question 18: Does the City move the vendor's tankers?

Answer to Question 18: Moving tankers and/or trailers is the sole responsibility of the awarded vendor.

Question 19: Who moves the tanker from one bay to the other when it is full?

Answer to Question 19: Refer to Answer to Question 18.

Question 20: Does the current vendor leave their tankers onsite?

Answer to Question 20: Yes, the current vendor leaves trailer(s) onsite until they reach capacity.

Question 21: Do all three (3) WRF plants have two (2) loading bays?

Answer to Question 21: No, East WRF does not have loading bays, only an outdoor pump station. There are two (2) loading bays at Northeast WRF and at Marshall Street WRF.



Question 22: Do all three (3) WRF plants have a two (2) trailer capacity?

Answer to Question 22: *Both loading bays at the Northeast WRF and at Marshall Street WRF have a two (2) trailer capacity. There is additional space that trailers and/or tankers could be stored with the approval of the WET Manager and/or WET Assistant Manager.*

Question 23: Is the City able to load in both loading bays?

Answer to Question 23: *Yes, the awarded vendor may load in both bays at the Northeast WRF and Marshall Street WRF, however there is only one (1) scale available at each facility (located in one of the two bays).*

Question 24: What are the protocols if a trailer gets overloaded?

Answer to Question 24: *The City will work with the awarded vendor to ensure that overloading is prevented as much as possible. If overloading does occur, the Public Utilities staff will work with the awarded vendor to correct the issue in a manner that works for both parties.*

Question 25: Does the Northeast WRF and Marshall Street WRF conduct dewatering?

Answer to Question 25: *Yes, those are the only two (2) WRFs that currently conduct dewatering.*

Question 26: [East WRF] How long does it take to fill a tanker?

Answer to Question 26: *It takes an average of 30 minutes to fill a tanker at the East WRF.*

Question 27: Does the City have preference whether the liquid sludge from East WRF is taken to Northeast WRF or Marshall Street WRF?

Answer to Question 27: *Yes, currently the Northeast WRF is the only location that liquid sludge can be taken to. The City is currently in the process of adding Marshall Street WRF to their permit application and is waiting for approval.*

Question 28: Would the City ever consider dewatering at the East WRF?

Answer to Question 28: *For consideration, additional detailed information should be included on EXCEPTIONS/ADDITIONAL MATERIAL/ADDENDA, page 30 of the bid submittal.*

Question 29: How big is the East WRF?

Answer to Question 29: *Average daily flow to the East WRF is approximately two (2) millions of gallons per day (MGD) and is permitted for five (5) MGD.*

Question 30: How many gallons can the holding tank at the East WRF hold?

Answer to Question 30: *The East WRF sludge holding tank has a capacity of approximately 55,000- gallons.*

Question 31: Does the City anticipate any growth in the future like shutting down or opening new WRFs?

Answer to Question 31: *The City is currently conducting a WRF master plan. There are no plans at this time.*



Question 32: What is the seasonality difference?

Answer to Question 32: *Less biosolids are typically generated in the summer months and more in the winter and spring time. This seasonality did not happen in 2020 (we suspect due to COVID travel restrictions and less demand).*

Question 33: How many trailers are needed for East WRF liquid sludge?

Answer to Question 33: *The number of trailers needed is at the vendor's discretion. The current vendor hauls two (2) loads a day, five (5) days a week.*

Question 34: What is the maximum capacity and holding time for the East WRF?

Answer to Question 34: *Refer to Answer to Question 30.*

Question 35: Can the City conduct a virtual bid opening?

Answer to Question 35: *Yes, the City will hold a virtual bid opening on September 9, 2021 via zoom. Only a list of submitting vendors will be read at this meeting. Prices are exempt from public record until Notice of Intent to Award is issued or 30 days from bid opening, whichever comes first. The link to the Zoom meeting is below.*

Topic: *ITB 45-21 Virtual Bid Opening*

Time: *Sep 9, 2021 10:00 AM Eastern Time (US and Canada)*

<https://us02web.zoom.us/j/83742760188?pwd=UEFqU051a0xvQkszTVVtbG1wUGNFdz09>

Meeting ID: *837 4276 0188*

Passcode: *293473*

Question 36: When would this contract officially start?

Answer to Question 36: *This item is anticipated to be approved by City Council on October 4, 2021. The contract would start immediately after.*

Question 37: Is the awarded vendor able to store equipment on site?

Answer to Question 37: *Yes, the awarded vendor is able to store equipment onsite with the approval by the WET Manager and/or WET Assistant Manager.*

Question 38: What is the City's evaluation criteria?

Answer to Question 38: *Reference **REVISED** DETAILED SPECIFICATIONS, Item 3(B) Base Bid Items, page 17 attached to end of addendum.*

Question 39: Can the City provide their liquids/solids ledger scale tickets?

Answer to Question 39: *The load tickets for all three (3) WRFs have been provided on the City's FTP site. (Note: access issues are typically due to firewall settings; FTP Site can only be accessed through Internet Explorer) - The link for this site is below.*

<ftp://ftpserver.myclearwater.com/Purchasing/45-21%20Biosolids%20Management%20Services/>



username: vendor

password: clearwater (note the lower case "c")

Question 40: What CPI is this bid based off of?

Answer to Question 40: Reference REVISED MILESTONES, Item 4. PRICES, page 26 attached to end of addendum.

Question 41: How many trailers can be onsite at one time?

Answer to Question 41: The number of trailers that each WRF can accommodate will vary. The current vendor typically has two (2) to three (3) trailers onsite, occasionally accompanied by an additional tanker.

Question 42: What is the setup with trailers now?

Answer to Question 42: Currently, the City will have one trailer in each bay in case we need to fill a trailer. Sometimes we have an additional trailer onsite as well.

Question 43: Does the City prefer pricing per week?

Answer to Question 43: Yes, the City prefers pricing per week. Reference REVISED BID PRICING, page 28 attached to end of addendum.

Question 44: Can renewal be initiated by the contractor or is it a mutual agreement?

Answer to Question 44: Reference REVISED MILESTONES, Item 3. RENEWAL, page 26 attached to end of addendum. The City will initiate renewal of this contract however the execution of the renewal will be upon mutual agreement of both parties.

Question 45: What kind of polymer is currently used?

Answer to Question 45: The polymer that the City currently uses is Polydyne CLARIFLOC SE-792.

Question 46: Is the City meeting volatile solids reduction (VSR) at Marshall Street WRF and Northeast WRF?

Answer to Question 46: Yes, the City is currently meeting VSR at Marshall Street WRF and Northeast WRF.

Question 47: Which gates are used for hauling?

Answer to Question 47: Our current vendor uses the south gate to enter Marshall Street WRF and the main (northern gate) to leave; Northeast WRF uses the north gate and leaves the south gate. The East WRF only has one access gate. Upon award, the vendor and Public Utilities staff can work out other means if needed.

Question 48: How many hours does it take to fill trailers at Northeast WRF with the centrifuge? How long with the belt-press?

Answer to Question 48: The normal time it takes to fill a trailer at the Northeast WRF with the centrifuge is six (6) - eight (8) hours. Filling with the belt-press would take an estimated eight (8) – ten (10) hours.



Question 49: Is East WRF gravity fed or pump?

Answer to Question 49: *The East WRF is pumped.*

Question 50: At East WRF what's the head pressure?

Answer to Question 50: *The head pressure cannot be determined at this time.*

Question 51: Is the Northeast WRF a free discharge or pump?

Answer to Question 51: *The Northeast WRF is pumped.*

Question 52: How are the vendors' tankers loaded with liquid biosolids, specifically? Does the City's facilities have load stands?

Answer to Question 52: *Vendor pulls up to an open pumping area at the East WRF. The vendor is then responsible for connecting the provided hose to their tanker and monitoring the fill until complete. Once the loading is finished the vendor must notify Public Utilities staff to stop the pump. In case of an emergency there is an external on/off switch to stop the pump. There are no load stands at East WRF.*

Question 53: What is the average weight per load of dewatered cake that has been loaded at each location?

Answer to Question 53: *The average weight is based on the trailer used by the vendor. Refer to provided sludge tickets as examples in Answer to Question 39.*

Question 54: Will the City provide recent (within 6 months) analysis of the material for RMF or disposal site approval prior to the onset of the contract?

Answer to Question 54: *The City will provide the most recent analysis available to the awarded vendor after City Council approves.*

Question 55: Regarding the bid evaluation, what is the weighting by category?

Answer to Question 55: *Refer to Answer to Question 38. Reference DETAILED SPECIFICATIONS, Item 3(C) Alternate Bid Items, pages 17-19. The base bid items will be the primary basis for award of this contract but the ability to provide alternate bid items will be taken into consideration for bid evaluation.*

Question 56: Would the City consider a mutual renewal clause?

Answer to Question 56: *Refer to Answer to Question 44. Terms and/or conditions requests outside of the City's standard Terms & Conditions must be listed on the EXCEPTIONS/ADDITIONAL MATERIAL/ADDENDA form, page 30 of the response packet for consideration.*

Question 57: Item 10 of the Detailed Specifications indicates that Vendor is to own or be sole lessee of equipment utilized in performance of the Contract (i.e. – no Owner/Operator tractors). If the awarded vendor gets permission from the City to use a subcontractor, would the awarded vendor still be required to own or be the sole lessee of the equipment?

Answer to Question 57: *Reference S.3 SUBCONTRACTING, page 7. If the City approves the awarded vendor to subcontract the work, the subcontractor is expected to meet all*



provisions outlined in this contract. The Vendor or subcontractor is to own or be sole lessee of equipment utilized in performance of the Contract.

End of Questions and Answers

All other dates and terms and conditions remain the same in this Invitation to Bid.

End of Addenda

Under no circumstance should previously scheduled biosolids removal be delayed more than forty-eight (48) hours. See Item 11, PAYMENTS AND PENALTIES. The Vendor must notify the WET Manager or WET Assistant Manager immediately whenever situations develop that would interfere with the scheduled biosolids removal. The Vendor must be able to provide an alternate pickup time within a forty-eight (48) hour period that is agreed upon by both parties.

B. Base Bid Items

There are four (4) base bid items which will be the primary basis for award of this contract.

- i. **Northeast WRF and/or Marshall Street WRF Biosolids (Dewatered Cake) to Residuals Management Facility (RMF)**

Note: This section represents items i & ii on the BID PRICING form.

Additional treatment at a Class A RMF with a valid Florida Department of Environmental Protection (FDEP) Permit by the Vendor as directed by Public Utilities.

The estimated annual amount of dewatered biosolids to be removed, transported and disposed of from the Northeast WRF is approximately 8,700 wet tons; each load must be weighed by certified scale at the biosolids building located onsite at the Northeast WRF. The estimated total solids concentration of the cake is approximately 14% to 25%. The amount of biosolids to be removed will vary from day to day as required for efficient plant operation; however, an estimate of 167 wet tons will need to be removed weekly.

The estimated annual amount of dewatered biosolids to be removed and disposed of from the Marshall Street WRF is approximately 5,000 wet tons; each load must be weighed by certified scale at the biosolids building located onsite at the Marshall Street WRF. The estimated total solids concentration of the cake is approximately 14% to 25%. The amount of biosolids to be removed will vary from day to day as required for efficient plant operation; however, an estimate of 100 wet tons will need to be removed weekly.

- ii. **Liquid Biosolids (Approximately 5% Total Solids) From East WRF to Northeast WRF and/or the Marshall Street WRF**

Note: This section represents items iii & iv on the BID PRICING form.

The East WRF produces liquid biosolids that requires transport to the Northeast WRF and/or the Marshall Street WRF to be digested and dewatering. The estimated amount of liquid biosolids to be transported from the East WRF to the Northeast WRF and/or the Marshall Street WRF will vary from day to day as required for efficient plant operation; however, an estimate of approximately 55,000 gallons per week will need to be transported to either the Northeast WRF or the Marshall St. WRF. This will be coordinated between the Vendor and the WET Manager or WET Assistant Manager. The liquid biosolids are approximately 5% (+/- 2%) total solids.

C. Alternate Bid Items

At any time, Public Utilities may require biosolid disposal options as represented in the following section. Bidders are not required to price the alternate bid items, but the ability to provide such services will be taken into consideration for bid evaluation.

- i. **Dewatered Class B Biosolids to Land Application**

Biosolids that meet the Class B pathogen reduction and vector attraction reduction, per 62-640.600(1)(b), 62-640.600(2)(a), and parameter concentrations as set forth in 62-640.700(5)(a) Florida Administrative Code (F.A.C), can be directly surface applied by the hauler on their permitted land application sites.

The estimated annual amount of dewatered and stabilized Class B Biosolids to be removed, transported, and disposed of from the Northeast WRF is approximately 8,700 wet tons; each load to be weighed by certified scale at the biosolids building located onsite at the Northeast WRF. The estimated total solids concentration of the cake is approximately 14% to 25%. The amount of biosolids to be removed will vary from day to day as required for efficient plant operation; however, an estimate of 167 wet tons will need to be removed weekly.

REVISED MILESTONES

1. **BEGINNING AND END DATE OF INITIAL TERM.** October 2021 – October 2024

If the commencement of performance is delayed because the City does not execute the contract on the start date, the City may adjust the start date, end date and milestones to reflect the delayed execution.

2. **EXTENSION.** The City reserves the right to extend the term of this contract, provided however, that the City shall give written notice of its intentions to extend this contract no later than thirty (30) days prior to the expiration date of the contract.

3. **RENEWAL.** At the end of the initial term of this contract, the City may initiate renewal(s) as provided. The decision to renew a contract rests solely with the City. The City will give written notice of its intention to renew the contract no later than thirty (30) days prior to the expiration.

Two (2), one (1) year renewals possible at the City's option.

4. **PRICES.** All pricing shall be firm for the initial term of one (1) year; except where otherwise provided by the specifications, and include all transportation, insurance and warranty costs. The City shall not be invoiced at prices higher than those stated in any contract resulting from this bid.

The Contractor certifies that the prices offered are no higher than the lowest price the Contractor charges other buyers for similar quantities under similar conditions. The Contractor further agrees that any reductions in the price of the goods or services covered by this bid and occurring after award will apply to the undelivered balance. The Contractor shall promptly notify the City of such price reductions.

During the sixty (60) day period prior to each annual anniversary of the contract effective date, the Contractor may submit a written request that the City increase the prices for an amount for no more than the twelve month change in the **Consumer Price Index for All Urban Consumers (CPI-U), US City Average, All Items**, Not Seasonally Adjusted as published by the U.S. Department of Labor, Bureau of Labor Statistics (<http://www.bls.gov/ppi/home.htm>). The City shall review the request for adjustment and respond in writing; such response and approval shall not be unreasonably withheld.

At the end of the initial term, pricing may be adjusted for amounts other than inflation based on mutual agreement of the parties after review of appropriate documentation. Renewal prices shall be firm for at least one year, and may be adjusted thereafter as outlined in the previous paragraph.

No fuel surcharges will be accepted.

REVISED BID PRICING

Pursuant to the contract specifications enumerated and described in this solicitation, we agree to furnish **Biosolids Management Services** to the City of Clearwater at the price(s) stated below.

BASE BID ITEMS				
Item No.	Description	Unit Price	Estimated Weekly Quantity	Total Weekly Price
i.	Northeast WRF Biosolids (Dewatered Cake) to RMF	Per Ton	190	\$
ii.	Marshall Street WRF Biosolids (Dewatered Cake) to RMF	Per Ton	60	\$
iii.	Liquid Sludge (Approximately 5% Total Solids) From East WRF to Northeast WRF	Per Gallon	55,000	\$
iv.	Liquid Sludge (Approximately 5% Total Solids) From East WRF to Marshall Street WRF	Per Gallon		\$
TOTAL BASE BID:				\$

ALTERNATE BID ITEMS				
Item No.	Description	Unit Price	Estimated Weekly Quantity	Total Weekly Price
i.	Dewatered Class B Biosolids to Land Application	Per Ton	250	\$
ii.	Dewatered Class B Biosolids to Landfill	Per Ton	250	\$
iii.	Liquid Biosolids (Approximately 5% Total Solids) From Marshall Street WRF to Northeast WRF	Per Gallon	275,000	\$
iv.	Liquid Biosolids (Approximately 5% Total Solids) From Northeast WRF to Marshall Street WRF	Per Gallon	275,000	\$
v.	The Removal and Disposal by Incorporation of Dewatered Class B Biosolids	Per Gallon	1	\$
TOTAL ALTERNATE BID:				\$

Vendor: _____ Date: _____

CITY OF CLEARWATER - PURCHASING DEPARTMENT
SITE VISIT

PROJECT: ITB #45-21 Biosolids Management Services
DATE: 8/19/2021
LOCATION: Marshall Street Plant - 1605 Harbor Drive
Northeast Plant - 3290 State Road 580
East Plant - 3141 Gulf to Bay Blvd

Attendee (City Representative or Vendor)	Company Name	Phone Number & E-mail Address	Marshall St. Sign-in Time	Northeast Sign-in Time	East Sign-in Time
Les Kemp	Synagro	Phone: 321-423-4617 E-mail: lkemp@synagro.com	8:45		
Paul McAuley	Synagro	Phone: 781-439-3833 E-mail: pmcauley@synagro.com	8:45		
Blake Merrell	Merrell Bros.	Phone: 765-438-5299 E-mail: blake@merrellbros.com	8:50	10:11	10:35
Lorrie Rossiter	Rivinu	Phone: 863-270-5255 E-mail: lrossiter@rivinu.com	8:50	10:10	10:32
Blake Hacht ^{Marshall}	H&H	Phone: 800-653-0386 E-mail: biosolidsolutions@hhtsdc.com	8:50	10:10	10:33
Jannet Arnold	Synagro	Phone: 736-633-2279 E-mail: jannet@synagro.com	8:45	10:10	10:39
Blake Hacht	H&H	Phone: E-mail:			
Paul McAuley	Synagro	Phone: 781-439-3833 E-mail: pmcauley@synagro.com		10:10	
Les Kemp	Synagro	Phone: E-mail:		10:10	
Paul McAuley	"	Phone: E-mail:		10:30	
Les Kemp	"	Phone: E-mail:		10:30	

Mike Flanigan
Valerie Craig
Fruen Rera