

Addendum #2

RFP Questions and Answers

The following questions have been received regarding the Three Rivers Solid Waste Management Authority Landfill Operation & Construction Request for Proposals. Responses to these questions are being provided to all RFP holders through this Addendum.

1. What is the gate rate for Three Rivers landfill?
 - a) Patrons from inside Pontotoc County
Answer: \$11.00 Per Ton
 - b) Patrons from outside Pontotoc County but inside the Authority
Answer: \$22.00 Per Ton
 - c) Patrons from outside the Authority's boundaries
Answer: \$23.00 Per Ton

2. What is the current rate Three Rivers is paying the current operator?
Answer: \$9.36 Per Ton

3. What is the benefit to possibly coordinate and manage other capital improvement projects (Work Assignments)? Has Waste Connections managed these in the past, and if so, what was their incentive for doing so?
Answer: Waste Connections receives a negotiated management fee for the projects they complete by Work Assignment under the existing Agreement.

4. The requirements for submitting a current rate schedule (all fees and charges) for special waste disposal services is unclear. Is it only required during the selection process?
Answer: The Authority may consider the Special Waste Rate Schedule submitted with an Offeror's response to the RFP during the selection process. In addition, please note Section VIII (2.5.2), Page 22 of the RFP as it relates to the Special Waste Annual Report.

5. What is the status of leachate recirculation now? Has it caused any problems in the past?
Answer: Leachate recirculation is currently in use at the Landfill. However, the process was halted for a period of time in 2017 because of a leachate outbreak on the northernmost slope of the Landfill.

6. Can the Pontotoc POTW (Publicly Owned Treatment Works) be used now, and if so, what is the rate? Is the \$0.06/gallon rate for Oxford POTW good for the term of the Agreement?
Answer: The Pontotoc POTW is authorized under the Authority's Leachate Pretreatment Permit as shown in Attachment F to the RFP, but not a viable option for leachate disposal for the Landfill at this time. See Attachment "1" to this document related to the disposal rate at the Oxford POTW.

7. Does the Offeror provide all scale maintenance and repairs? Does the Authority pay for lightning strike damage to scales?
Answer: The Offeror is responsible for all repairs and maintenance of both scales located at the Landfill including, but not limited to, damages caused by a lightning strike.
8. What back-up generator is provided for scale house now?
Answer: A six (6) KW generator owned by Waste Connections.
9. What in-place density has Waste Connections met over the last 3 years?
Answer: See Attachment "2" to this document detailing historical compaction densities.
10. What volumes of special waste were disposed of over the last year and what fees were charged by Waste Connections?
Answer: 17,559.67 tons of special waste was disposed at the Landfill during calendar year 2017. The Authority receives either \$11.00, \$22.00 or \$23.00 for each ton of special waste disposed at the Landfill (depending on the County of origin) but does not participate in any special waste fees or charges above the tipping fee.
11. What quantity of leachate was collected from each cell riser by month for the last 6 months?
Answer: That information is unavailable by cell riser. See Attachment A to the RFP for the Landfill's Leachate Summary.
12. Are gas well liquids and gas system condensate being comingled with leachate?
Answer: Yes.
13. Is aerial photogrammetry acceptable in the place of LIDAR for compaction density calculations?
Answer: See Section VIII (3.2.3) Airspace Utilization, Page 27 of the RFP for acceptable methods of surveying.
14. What is the tolerance for final cover grades? RFP states any deviations from the approved plan shall be corrected by the Offeror at his expense.
Answer: Refer to Section 4.0 of the Landfill Operating Plan contained in the Solid Waste Permit in Attachment F to the RFP. That being said, two inches (plus or minus) is acceptable for construction of final cover and four to six inches after construction.
15. What is the estimated leachate evaporator residual daily volume (in gallons) that will be disposed of by Authority at no cost? Do these tons count toward required waste density? Does the Authority want the residual solidified prior to disposal?
Answer: The leachate evaporator residual is estimated to be 2% to 7% of the leachate evaporated. The leachate residual will not count toward the required compaction density. The Authority does not anticipate that the leachate residual will be required to be solidified prior to being disposed in the Landfill.

16. What is current major equipment list for Waste Connections?
Answer: Section VIII (6.0) Equipment, Pages 34 through 36 details the equipment requirements for the RFP.
17. Do haulers pay for tires that are delivered by them to landfill?
Answer: Only tires that are cut and quartered are disposed of in the Landfill. The disposal cost would be paid by the patron (hauler).
18. When was the last NSPS Tier 2 test and what were the results? Has the site exceeded 50 Megagrams/year threshold?
Answer: The most recent NSPS Tier 2 five-year update was October 2014, with the NMOC emission rate estimated at 45.32 Mg/yr for 2017.
19. How many groundwater wells are installed now?
Answer: 6 (six).
20. Please clarify on the Leachate Summary sheet the meaning of "CST W/C" and "CST TR."
Answer: Cost Waste Connections and Cost Three Rivers.
21. Please confirm the landfill contractor pays for the first \$50,000 of leachate costs and, then, the cost is split 50/50 between the contractor and the Solid Waste Authority (SWA).
Answer: Correct. The cycle is the Authority's fiscal year that begins October 1st of each year.
22. Who owns the existing surveillance cameras at the landfill?
Answer: The Authority.
23. What is the cost to dispose of leachate at the City of Pontotoc waste water treatment facility?
Answer: The Pontotoc POTW is authorized under the Authority's Leachate Pretreatment Permit as shown in Attachment F to the RFP, but it is not a viable option for leachate disposal for the Landfill at this time. As a result, there is no rate for disposal at the Pontotoc POTW at this time.
24. Please provide the amounts and types of wastes solidified at the landfill for the past five years.
Answer: All amounts are in tons: 2013 – 2,672.21; 2014 – 3,118.86; 2015 – 1,903.01; 2016 – 2,284.84; 2017 - 3,315.10. Authority records do not reflect the type waste solidified.
25. Please provide a copy of the most recent Three Rivers Solid Waste Authority's (SWA) budget.
Answer: See Attachment "3".
26. Please provide a list of payments to the current landfill contractor for the past year.
Answer: 2017 – Operations \$2,318,213.60; Leachate disposal \$196,120.53; Work Assignment #11 (Access Road Construction) \$324,017.91; Work Assignment #12 (Engineering - Cell #5) \$16,306.50.
27. Please provide the amount of waste being disposed of in the landfill delivered by the authority's landfill contractor and originating from outside the SWA-member footprint.
Answer: 2017 – 148.59 tons.

28. Please clarify how the Offeror is to address #2 on page 13 of the RFP. I'm unclear as to how we're to provide a detailed explanation about this statement.

Answer: Under the Agreement, the Authority will be responsible for funding, constructing and implementing normal closure - post closure activities. The Authority may request that the Offeror participate in said closure – post closure activities through a Work Assignment on a case-by-case basis. However, the Authority shall not be responsible for actions of the Offeror that cause known releases during the term of the Agreement that require remediation (one of many known and unknown examples could be where the Offeror “punches” a hole in the landfill cell liner system that causes a leak into the soil, groundwater, etc. outside said liner system).

29. Is the Solid Waste Authority at liberty to provide the current pricing on special waste? If so, please provide a copy of the pricing.

Answer: The Authority receives either \$11.00, \$22.00 or \$23.00 for each ton of special waste disposed at the Landfill (depending on the County of origin) but does not participate in any special waste fees or charges above the tipping fees.

30. What method of leachate recirculation is approved for the Landfill?

Answer: Leachate is loaded onto a tanker truck by Waste Connections and sprayed onto the working face of the Landfill. See the Leachate Recirculation Approval Letter from MDEQ in Attachment B to the RFP.

31. What volume of leachate does the Authority anticipate will be destroyed by the leachate evaporator once it is “brought on-line”?

Answer: Based on the 20 year life cycle study developed by the Authority, it is estimated that between 14,000 and 15,000 gallons of leachate will be evaporated per day. This could increase upward to as much as 21,000 gallons per day, based on an average run time of 90%.

32. When the Proposals are received by the Authority on March 22nd, will they be read out loud that day?

Answer: As per page one (1) of the RFP – “All proposals submitted in response to this RFP are competitive sealed proposals” in accordance with Miss. Code Ann. Section 25-61-5 (2017). As such, production of competitive sealed proposals pursuant to the Mississippi Public Records Act of 1983 shall be withheld until up to seven (7) working days after the notice of intent to award is issued to the winning proposer.” The Authority may release the names of the Offerors that respond to the RFP on March 22nd.

33. What volumes of leachate have been recirculated at the Landfill?

Answer: See the Leachate Summary included in Attachment A to the RFP.

34. Who is responsible for hauling related to leachate that is transported to the Oxford POTW?

Answer: Waste Connections is responsible for all aspects related to the hauling of leachate to the Oxford POTW. Details related to the cost share for all aspects of leachate management (except leachate recirculation) are shown in Section VIII (4.0) of the RFP.

35. What is Name and Contact information of current contracted leachate hauler?
Answer: Under the current Agreement, Waste Connections is responsible for every aspect of leachate management. That being said, Waste Connections presently has an agreement with McGregor & Sons Trucking to haul leachate to the City of Oxford POTW and the Authority is not a party to that agreement.
36. Can you advise what current amount of utilities for entire site are monthly-primarily electric?
Answer: The Authority is only responsible for the electricity consumed at the genset and flare. Last month the electrical consumption for both the genset and flare was \$2,088.32 (total). In addition, when the proposed leachate evaporator project becomes operational (under the "new" Agreement), the Authority will be responsible for the electrical consumption for that project as well. Under the current agreement, Waste Connections is responsible for the electricity consumed for all other Landfill facilities (other than the genset and flare). See Section VIII (7.3.3) Utilities, Page 39 of the RFP.
37. Can a copy of most recent monthly report as referenced on Pages 16-18 be provided?
Answer: The monthly, semi-annual and annual reporting detailed in Section VIII (1.3) on pages 16 through 18 of the RFP are what the Authority requires with the "new" Agreement starting 10-1-18 and thus would not match "exactly" what is currently presented month-to-month by Waste Connections. That being said, the most recent monthly report presented to the Authority by Waste Connections is shown in Attachment "4" to this response.
38. For Work Assignment project(s), does TRSWMA work off standard labor and equipment pricing?
Answer: No. They are determined with the procurement of each Work Assignment by the Offeror on a case by case basis.
39. Under Solid Waste permit SW0580010427, as appearing in section 12 on page 6 of 12, how will modification to landfill operator changes be handled and whom shall bear the permit modification expense?
Answer: The successful Offeror shall be responsible for the filing of the required Disclosure Form and for any and all expenses related thereto.
40. No groundwater information (i.e. test data, number of wells, and statistics) is provided in RFP. Is this an oversight?
Answer: There are six (6) groundwater monitoring wells at the Landfill. See Attachment "5" to this response for the summary letter from Terracon (the entire report is 67 pages in length) related to the most recent round of semi-annual groundwater samples taken at the Landfill in September 2017. See Section VIII (11.0) Monitoring, Page 50 of the RFP.
41. Which Engineering firm(s) has been utilized under current contract?
Answer: The Authority's engineer is Cook Coggin Engineers. The engineer utilized by Waste Connections, as it relates to landfill work assignments & permits under the current Agreement with the Authority, is Promus Engineering and Terracon Consultants, respectively.

42. Which Surveyor(s) has been utilized under current contract?
Answer: Assuming your question is about surveying related to RFP Section VIII (3.2.3) Airspace Utilization, Waste Connections utilizes Civil Design Solutions.
43. Who will be responsible for landfill billing and account collection, Contractor or TRSWMA?
Answer: The Authority is responsible for billing and account collection as it relates to landfill tipping fees. Customers that have been approved through the Authority's credit application process (account establishment) are normally billed on a monthly basis by the Authority. Landfill customers "without an account with the Authority" are required to pay the Scale Attendant/Clerk immediately upon tipping at the Landfill.
44. Can you provide the make and model of Steel Working Face Rack as referenced on page 35?
Answer: The Steel Working Face Rack currently in use at the Landfill was manufactured "in-house" by Waste Connections.
45. Solidification is mentioned in RFP. How many tons were solidified on 3-year average with Operator fee(s)?
Answer: All amounts are in tons: 2015 – 1,903.01; 2016 – 2,284.84; 2017 – 3,315.10.

Attachment "1"

BART ROBINSON, P.E.
DIRECTOR OF PUBLIC WORKS



REANNA MAYORAL, P.E.
ASSISTANT CITY ENGINEER

February 12, 2018

Doug Wiggins
Solid Waste Manager
Three Rivers Planning and Development District, Inc.

Re: Fees for Leachate Disposal

Dear Mr. Wiggins,

The City of Oxford currently accepts leachate from Three Rivers Landfill and charges \$0.06 per gallon for treatment of the leachate. There is currently no plan for an increase in rates. As you are aware, the rates are set by the Mayor and Board of Aldermen and are subject to review at least once per year.

If you have any additional questions, please don't hesitate.

Sincerely,



Bart Robinson, P.E.

Attachment "2"

Three Rivers SWMA - Operations RFP - MSW Compaction Density Analysis

Begin	End	MSW Tonnage	Air Space, yd ³	Allowance for Daily Cover, yd ³		Compaction Density, lb/yd ³	
				0%	20%	0%	20%
12/6/2010	5/29/2011	84,428	132,881	-	26,576.20	1,270.73	1,588.41
5/29/2011	11/30/2011	95,539	137,441	-	27,488.20	1,390.25	1,737.81
11/30/2011	5/30/2012	94,323	159,416	-	31,883.20	1,183.36	1,479.20
5/30/2012	11/28/2012	91,567	175,704	-	35,140.80	1,042.29	1,302.86
11/28/2012	5/28/2013	93,757	154,548	-	30,909.60	1,213.30	1,516.63
5/28/2013	11/20/2013	92,628	155,008	-	31,001.60	1,195.14	1,493.92
11/20/2013	5/22/2014	119,601	149,501	-	29,900.20	1,600.00	2,000.00
5/22/2014	11/25/2014	102,454	171,084	-	34,216.80	1,197.71	1,497.14
11/25/2014	6/4/2015	110,251	190,315	-	38,063.00	1,158.62	1,448.27
6/4/2015	12/3/2015	111,751	175,281	-	35,056.20	1,275.11	1,593.88
12/3/2015	6/7/2016	120,511	169,240	-	33,848.00	1,424.14	1,780.18
6/7/2016	12/1/2016	143,453	174,922	-	34,984.40	1,640.20	2,050.25
12/1/2016	6/7/2017	129,695	192,359	-	38,471.80	1,348.47	1,685.59
Weighted Average		1,389,959	2,137,700	-	427,540.00	1,300.42	1,625.53

Attachment "3"

Three Rivers Solid Waste Management Authority For the Period Ended September 2018

	One Year Budget 2017-18		One Year Budget 2016-17	
	Based on 212,000 Tons		Based on 209,500 Tons	
1 Operations	9.36	\$1,984,320.00	9.22	\$1,931,590.00
2 Fuel Surcharge	0.00	\$0.00	0.00	\$0.00
3 Debt Service	2.24	\$474,880.00	2.44	\$511,180.00
4 Capital Expansion	4.15	\$879,800.00	4.15	\$869,425.00
5 Closure/Post Closure	0.60	\$127,200.00	0.60	\$125,700.00
7 State Tax	1.00	\$212,000.00	1.00	\$209,500.00
8 Three Rivers PDD	0.83	\$175,960.00	0.83	\$173,885.00
9 Host County	1.85	\$392,200.00	1.53	\$320,535.00
10 Taxes	0.39	\$82,680.00	0.39	\$81,705.00
11 Legal Fees	0.05	\$10,600.00	0.14	\$29,330.00
12 Engineering Fees	0.14	\$29,680.00	0.14	\$29,330.00
17 HHHW Collection Day	0.05	\$10,600.00	0.10	\$20,950.00
18 Administration	0.34	\$72,080.00	0.33	\$69,135.00
21 Leachate	1.00	\$212,000.00	1.22	\$255,590.00
	22.00	\$4,664,000.00	22.09	\$4,627,855.00

Administration:		Administration:	
Audit	6250.00	Audit	6100.00
Insurance	22500.00	Insurance	15600.00
GL Insurance	19000.00	GL Insurance	22510.70
Software	8100.00	Software	8100.00
Internet	3000.00	Internet	3120.00
Meetings	3800.00	Meetings	4000.00
Air Fee	5800.00	Air Fee	5500.00
Supplies	500.00	Supplies	600.00
Credit Ca	2700.00	Credit Ca	2800.00
	71650.00		68330.70

Attachment "4"
(Page 1 of 2)

Three Rivers Landfill Report
February 1, 2018

October 2016 tonnage 19247.78 tons	October 2017 tonnage 19919.48 tons	difference 671.7 tons
November 2016 tonnage 19602.33 tons	November 2017 tonnage 19376.48 tons	-225.85 tons
December 2016 tonnage 20101.96 tons	December 2017 tonnage 22735.55 tons	2633.59 tons
January 2017 tonnage 22083.62 tons	January 2018 tonnage 24295.47 tons	2211.85 tons
February 2017 tonnage 18473.58 tons	February 2018 tonnage 21523.12 tons	3049.54 tons
March 2017 tonnage 21806.34 tons	March 2018 tonnage tons	-21806.3 tons
April 2017 tonnage 19504.59 tons	April 2018 tonnage tons	-19504.6 tons
May 2017 tonnage 23369.11 tons	May 2018 tonnage tons	-23369.1 tons
June 2017 tonnage 22400.71 tons	June 2018 tonnage tons	-22400.7 tons
July 2017 tonnage 18597.72 tons	July 2018 tonnage tons	-18597.7 tons
August 2017 tonnage 21629.08 tons	August 2018 tonnage tons	-21629.1 tons
September 2017 tonnage 19008.17 tons	September 2018 tonnage tons	-19008.2 tons
2017 YTD 245824.99 tons 99509.27 tons	2018 YTD 107850.1 tons	-137975 tons -8340.83 tons

I certify that this information is complete and accurate.



Attachment "4"
(Page 2 of 2)

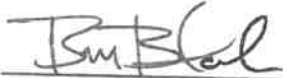
Leachate hauled to Oxford WWTP

October 2017	265177 gallons	April 2018	gallons
November 2017	265690 gallons	May 2018	gallons
December 2017	289478 gallons	June 2018	gallons
January 2018	414926 gallons	July 2018	gallons
February 2018	457941 gallons	August 2018	gallons
March 2018	gallons	September 2018	gallons

Leachate Recirculated

October 2017	0 gallons	April 2018	gallons
November 2017	58510 gallons	May 2018	gallons
December 2017	58634 gallons	June 2018	gallons
January 2018	24520 gallons	July 2018	gallons
February 2018	162680 gallons	August 2018	gallons
March 2018	gallons	September 2018	gallons

I certify that this information is complete and accurate.



January 15, 2018

Mr. Chris Sanders
Mississippi Department of Environmental Quality
Office of Pollution Control
PO Box 10385
Jackson, MS 39289-0385

**RE: Secnd Semi-Annual Environmental Monitoring Event 2017
Three Rivers Regional Landfill
Solid Waste Permit No. SW0580010427**

Dear Mr. Sanders:

We are pleased to provide the attached report of the Semi-Annual Environmental Monitoring event for the second half of 2017 for the Three Rivers Regional Landfill in Pontotoc County, Mississippi. This report presents the procedures/methodologies, data collected and data evaluation for the groundwater sampling event and methane monitoring events.

Groundwater samples were collected from the facility's approved groundwater monitoring network in accordance with the approved *Sampling and Analysis Plan (SAP)* for the facility and the *State of Mississippi Non-hazardous Waste Management Regulations*, as promulgated and regulated by the Mississippi Department of Environmental Quality. Samples were collected on September 5-6, 2017 by Professional Technical Support Services, Inc.

Results of the analysis from the September 2017 groundwater sampling event revealed no detections of volatile organic compounds. Evaluation of inorganic parameters revealed no verified statistically significant increases in concentration. Details of the collection methodologies and results are presented in the body of the report.

Additionally, methane monitoring for the third and fourth quarterly events was performed at each of the ten methane monitoring locations in September and December of 2017. The areas monitored during these events detected no concentrations above 25 percent of the lower explosive limit for methane.

If you have any questions or comments regarding the attached report or if we can further assist in any way, please call.

Sincerely,
Terracon Consultants, Inc.


Travis Stamper
Senior Environmental Specialist


Dallas Whitmill
Senior Engineer

cc: Dee Shirley, Three Rivers Regional Landfill (1)