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Pgs. 10
Filed: 06-21-16

Sponsored by: Fulnecky

First Reading: _____

Second Reading: _____

COUNCIL BILL NO. 2016- 153

SPECIAL ORDINANCE NO. _____

AN ORDINANCE

1 APPROVING the plans and bid specifications, and accepting the bid of Landfill Drilling
2 and Piping Specialists, LLC, in the amount of \$440,925.90 for installation
3 of Phase V of the Gas Collection & Control System Expansion at the
4 Springfield Sanitary Landfill; authorizing the City Manager, or his
5 designee, to enter into a contract with such bidder; and approving a
6 budget adjustment to amend the Fiscal Year 2016-2017 budget of the
7 Environmental Services Department for the Solid Waste Fund in the
8 amount of \$485,000 for construction of this project and reimbursement
9 from City Utilities based on a previously approved Memorandum of
10 Understanding #2005-0937.

11 _____
12
13 WHEREAS, Landfill Drilling and Piping Specialists, LLC is the lowest responsive
14 and responsible bidder for the installation of Phase V of the Gas Collection & Control
15 System Expansion (GCCS) at the Springfield Sanitary Landfill; and
16

17 WHEREAS, this project is for the construction of Phase V, which includes sixteen
18 new vertical gas extraction wells, two new condensate drip traps, conversion of one
19 vertical gas extraction well to a remote well, installation of header/lateral pipes to
20 connect the new and replacement wells to the existing gas collection network, in-place
21 abandonment of applicable existing gas collection system components, and installation
22 of well bore seals on two existing horizontal collection wells, and associated
23 header/lateral piping, otherwise known as GCCS Expansion, Phase V, and any
24 associated construction work; and
25

26 WHEREAS, landfill gas collected by this phased GCCS provides fuel to an
27 electric generating station developed in partnership with the Board of Public Utilities,
28 known as the Noble Hill Landfill Renewable Energy Center, and pursuant to a
29 Memorandum of Understanding with the Board of Public Utilities (contract #2005-0937)
30 the entire cost of constructing GCCS Expansion, Phase V will be reimbursed to the
31 City's Solid Waste Fund from the Board of Public Utilities.
32

33 NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF
34 SPRINGFIELD, MISSOURI, as follows, that:

35
36 Section 1 – The City Council hereby approves the plans and specifications of the
37 GCCS Expansion, Phase V.

38
39 Section 2 – The City Manager is authorized on behalf of the City of Springfield,
40 Missouri to accept the low bid of Landfill Drilling and Piping Specialists, LLC, in the
41 amount of \$440,925.90, for that project as set forth in said bid, except as said sum may
42 be lawfully increased or decreased by the actual quantities of work units involved, and is
43 hereby authorized to enter into a contract with said bidder for such work in accordance
44 with the terms of the bid, the plans, and the specifications and to do all things necessary
45 to carry out the terms of the contract.

46
47 Section 3 – The budget of the Environmental Services Department, Solid Waste
48 Fund, for Fiscal Year 2016-2017 is hereby amended in the accounts and in the amounts
49 as show on Budget Adjustment No. 0001, a copy of which is attached hereto and
50 incorporated herein by reference as "Exhibit B."

51
52 Section 4 – The City Council hereby finds that the budget adjustment made
53 above has been recommended by the City Manager.

54
55 Section 5 –The City Manager is directed to cause the appropriate accounting
56 entries to be made in the books and records of the City.

57
58 Section 6 – This ordinance shall be in full force and effect from and after
59 passage.

60
61
62 Passed at meeting: _____

63
64
65 _____
66 Mayor

67 Attest: _____, City Clerk

68
69
70 Filed as Ordinance: _____

71
72
73 Approved as to form: John Willington, Assistant City Attorney

74
75
76 Approved for Council action: Greg Burt, City Manager

EXPLANATION TO COUNCIL BILL NO: 2016- 153

FILED: 06-21-16

ORIGINATING DEPARTMENT: Environmental Services

PURPOSE: To approve the plans, construction specifications, and accept the bid of Landfill Drilling and Piping Specialists, LLC, in the amount of \$440,925.90, for installation of sixteen new vertical gas extraction wells, two new condensate drip traps, conversion of one vertical gas extraction well to a remote well, installation of header/lateral pipes to connect the new and replacement wells to the existing gas collection network, in-place abandonment of applicable existing gas collection system components, and installation of well bore seals on two existing horizontal collection wells, and associated header/lateral piping, otherwise known as Gas Collection & Control System Expansion Phase V, at the Springfield Sanitary Landfill, and to authorize the City Manager, or his designee, to enter into a contract for said improvement. This Council bill will also approve a budget adjustment to amend the FY 2016-2017 budget of the Environmental Services Department for the Solid Waste Fund in the amount of \$485,000 for construction of this project and reimbursement from City Utilities based on a previously approved Memo of Understanding.

BACKGROUND INFORMATION: The collection and control of landfill gas is necessary for the protection of human health and the environment at and near to the Sanitary Landfill. The controlled combustion of landfill gas also significantly reduces the quantity of methane gas that would otherwise be released into the atmosphere.

The phased development of the landfill gas collection and control (GCCS) at the Springfield Sanitary Landfill began in 2002 with Phase I, Phase II in 2005, Phase III in 2011, and Phase IV in 2012.

Landfill gas collected by this phased GCCS provides fuel to an electric generating station developed in partnership with the Board of Public Utilities known as Noble Hill Landfill Renewable Energy Center (NHLREC).

Pursuant to a Memorandum of Understanding with the Board of Public Utilities (contract #2005-0937) the entire cost of constructing Phase V will be reimbursed to the City's Solid Waste Fund from the Board of Public Utilities.

Plans, specifications, and a cost estimate have been prepared and are on file.

The project was advertised in the *Daily Events* on May 2, 2016 through May 31, 2016.

Bids were opened in the Busch Building on June 6, at 11:00 a.m. the following bids were received:

CONTRACTOR	BID AMOUNT
Landfill Drilling & Piping Specialists, LLC	\$440,925.90
CB&I Government Solutions, Inc.	\$468,820.00
SCS Field Services	\$545,591.00
Hunt Vac Services, LLC	\$855,882.26
Engineer's Estimate	\$569,496.91

The Budget Adjustment of \$485,000 to the City's Solid Waste Fund includes an approximate 10% additional allowance for unforeseen contingencies.

Supports the following Field Guide 2030 goal(s): Chapter 8, Natural Environment; Major Goal 9, Reduce solid waste and improve recycling within our community.

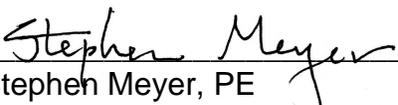
RECOMMENDATIONS: The Environmental Services Department recommends approval of this Council bill and budget adjustment.

Submitted by:



Errin Kemper, PE
Asst. Director of Environmental Services

Recommended by:



Stephen Meyer, PE
Director of Environmental Services

Approved by:



Greg Burris,
City Manager

Exhibit A

**CITY OF SPRINGFIELD
DEPARTMENT OF ENVIRONMENTAL SERVICES
290 E. Central
Springfield, MO 65802**

**SANITARY LANDFILL GAS COLLECTION AND CONTROL SYSTEM
EXPANSION PHASE V
PLAN #2016PW0012**

FORM OF PROPOSAL

To: City of Springfield
Department of Environmental Services
290 E. Central
Springfield, MO 65802

From: Landfill Drilling & Piping Specialists, LLC, hereinafter called the "Bidder", having contract examined and being fully informed and familiar with the local conditions and with the contract documents including the drawings, the Notice to Contractor, Instructions to Bidders, the General Conditions and the body of the technical specifications including:

Addenda Number 1 through 2 inclusive

Hereby offer to furnish all labor, supervision, materials, equipment, tools, services and all other items necessary for the performance and the completion of the construction described in the contract documents known as **SANITARY LANDFILL GAS COLLECTION AND CONTROL SYSTEM EXPANSION PHASE V** in accordance with the PLANS AND SPECIFICATIONS, heretofore filed in the Director of Environmental Services office (2016PW0012), at the following prices to be paid in cash, to-wit:

Item No.	Item Description	Estimated Quantity		Unit Price		Subtotal
1	Mobilization and Demobilization	1	LS	\$25,890.00	LS	\$25,890.00
2	4-Inch HDPE SDR 11 Landfill Gas Header /Lateral Pipe	1,646	LF	\$21.25	/LF	\$34,977.50
3	6-Inch HDPE SDR 17 Landfill Gas Header /Lateral Pipe	569	LF	\$25.00	/LF	\$14,225.00
4	8-Inch HDPE SDR 17 Landfill Gas Header /Lateral Pipe	490	LF	\$30.00	/LF	\$14,700.00
5	10-Inch HDPE SDR 17 Landfill Gas Header /Lateral Pipe	4,532	LF	\$36.20	/LF	\$164,058.40
6	10-inch Butterfly Valve Salvage and Reinstall	4	EA	\$1,210.00	/EA	\$4,840.00
7	18-Inch HDPE SDR 17 Landfill Gas Header /Lateral Pipe	520	LF	\$82.00	/LF	\$42,640.00
8	18-Inch Butterfly Valves	2	EA	\$14,750.00	/EA	\$29,500.00
9	Drill and Install Vertical Gas Extraction Well, Pipe, and Backfill	881	VF	\$75.00	/VF	\$66,075.00
10	2-Inch QED Wellhead Assemblies	16	EA	\$790.00	EA	\$12,640.00
11	Condensate Drip Trap	2	EA	\$3,600.00	/EA	\$7,200.00

12	24-Inch 14 Gauge CMP and Ancillary Items	70	LF	\$30.00	/LF	\$2,100.00
13	Abandon Vertical Wells	3	EA	\$300.00	/EA	\$900.00
14	Convert Well to Remote Wellhead	1	LS	\$900.00	LS	\$900.00
15	Wellbore Seals for Horizontal Collectors	2	EA	\$940.00	LS	\$1,880.00
16	Seeding, Fertilizing, and Mulching	1	LS	\$18,400.00	LS	\$18,400.00
Total Bid Amount:			\$440,925.90			

Note 1 Accompanying the proposal is a certified or cashier's check or acceptable bidders bond in the amount of or five (5) percent of the amount of this bid, payable to the City of Springfield – Department of Environmental Services, which is in accordance with the provisions in the instructions to bidders. It is agreed that if the successful bidder fails to execute and deliver the agreement and furnish the required contract security within ten (10) days after the Notice of Award, the engineer may annul the Notice of Award and the bid security of that bidder will be forfeited.

Note 2 It is understood by the undersigned that the quantities given in the itemized proposal are not guaranteed and are used solely for the purpose of comparing bids and awarding the contract, and may or may not represent the actual quantities encountered on the job. The gross sum bid shall be based upon the given itemized quantities multiplied by the unit prices shown herein. In the event of a discrepancy between the unit prices and the gross sum bid, the unit prices will prevail. The undersigned agrees that payment will be on the basis of the unit prices shown herein, and shall be made on quantities actually constructed and verified by field measurement.

The undersigned agrees to complete the work specified herein in accordance with the contract unit prices, whether it involves quantities greater or less than those indicated in this Bid Proposal and agrees that the proposed quantities could not in any way be construed to misrepresent earth, rock, or groundwater quantities in the scope of work proposed.

Bidder agrees and understands that by this submission that items required, but not shown on proposal, shall be included in the bid price for other items such as, but not limited to, excavation, ditching, backfilling, or installation of bedding material.

Note 3 The undersigned submits the following itemized proposal and hereby authorizes the Director of Environmental Services to correct any multiplication of "Unit Price" by "Quantity" as shown under "Amount" when copying the itemized proposal sheet(s) into any contract.

Note 4 Bidder agrees that payment will be in cash as follows: On the 22nd day of each month, the Engineer will measure and compute the amount of work performed during the month and the value thereof at the contract unit price. On or about the 20th day of the month following, the Contractor shall be paid an amount equal to the value of the work performed less a retained amount of five (5) percent until construction is complete.

Note 5 The undersigned agrees that if awarded the contract for the work, the contract will be signed and satisfactory bonds filed within ten (10) days after notice of intent to award.

Note 6 It is understood that this bid becomes a part of the specifications upon the signing of the contract and that failing to comply with any part of this bid will be taken as a failure to comply with said specifications and will be just cause for rejection of work.

Note 7 As a condition of submitting this bid and in consideration of the City permitting the bid to be submitted, the bidder hereby agrees that this bid shall be irrevocable for a period of ninety (90) days and that the bid shall not be withdrawn during the ninety (90) day period from the date of the bid opening specified in the bid notice.

- Note 8 In submitting this bid, it is understood that the right is reserved by the City of Springfield to reject any and all bids, to waive any irregularities in the bidding, and to increase or decrease the amount of any class or portion of the work.
- Note 9 In submitting this proposal, contractor certifies that no employee, member, or officer of the firm or corporation is a salaried officer or employee of the City of Springfield or any of its boards or agencies, and that no salaried officer or employee of the City has any financial interest, direct or indirect, in this Contract.
- Note 10 The undersigned, as bidder, understands that the bidder awarded the contract will be required to comply, and to cause his subcontractors, if any, to comply with all federal statutes, regulations, and directives against discrimination against any person in connection with the contract, on account of race, color or national origin, and that such discrimination extends to procurement of materials and lease of equipment for use in connection with the contract.
- Note 11 The undersigned, as bidder, declares that the only persons or parties interested in this proposal as principal are those named herein; that this proposal is made without directly or indirectly entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with such bid of any contract which may result from its acceptance or combination of any kind or character with any other person, firm, association, or corporation, or any member or officer thereof. Bidder further certifies that the person, firm, association, or corporation making said bid is not financially interested in, or financially affiliated with, any other bidder for this Proposal; that he has carefully examined the location of the proposed work, the plans, standard specifications, and special provisions heretofore mentioned, and the form of contract and contract bond; that he proposed and agrees, if this proposal is accepted, to execute the contract and bond and secure execution of the bond by satisfactory surety and to provide all necessary machinery, tools, apparatus, and other means of construction, and will do all the work and furnish all the materials specified in the contract, in the manner and time prescribed and in accordance with the requirements of the engineer as therein set forth, and that he will accept in full payment therefore the amount or amounts certified by the engineer in accordance with the bid, specifications, and contract.
- Note 12 It is understood by the undersigned, that the work to be performed under the provisions of these Contract Documents and the unit and lump sum prices named in this Proposal and the Contract based thereon shall cover the furnishing of all materials (except materials specified to be furnished by the Owner), equipment, supplies and appurtenances, all construction plant, equipment and tools, the performance of all necessary labor, supervision and services and the construction complete as indicated by and detailed on the contract plans and as stipulated in the contract specifications and other contract documents.

The scope of the work to be performed under the various unit and lump sum prices of the contract proposal is in general, defined and described under the respective applicable specification sections. It is the intent of the Proposal Form and the Special Provisions that the total bid as submitted shall cover all work shown by the Contract Drawings and as required by the attached specifications and other Contract Documents. All cost in connection with the work, and payment therefore,

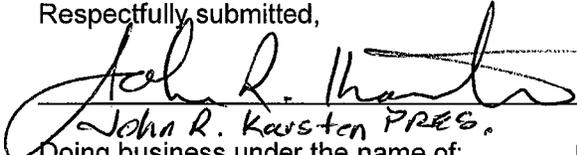
shall be included in and based on the unit and lump sum prices named in the Proposal. No item of work that is required by the Contract documents for the proper and successful completion of the contract shall be paid for outside of or in addition to the prices submitted in the Proposal, as all work not specifically set forth in the Proposal as a pay item shall be considered a subsidiary obligation of the Contractor and all cost in connection therewith shall be included in the unit or lump sum prices named in the Proposal.

NOTE 13 SIGNATURE AND IDENTITY OF BIDDER: The undersigned states that the correct LEGAL NAME and ADDRESS of (1) the individual bidder, (2) each partner or joint venture (whether individuals or corporations, and whether doing business under a fictitious name), or (3) the corporation (with the state in which it is incorporated) are shown below; that (if not signing the intention of binding himself to become the responsible and sole contractor) he is the agent of, and duly authorized in writing to sign for the bidder or bidders; and that he is signing and executing this (as indicated in the proper spaces below) as the proposal of a:

- sole individual partnership joint venture
- corporation, incorporated under laws of State of Missouri

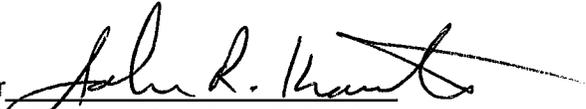
Dated June 6th, 2016

Respectfully submitted,


John R. Karston PRES.
Doing business under the name of:

Landfill Drilling & Piping Specialists, LLC
(If using a fictitious name show this name above in addition to legal name.)

(IF AN INDIVIDUAL)

Signature of Bidder 
Business Address 1001 Arboretum Drive, Suite #3
Waunakee, WI 53597
Telephone Number 608-709-2722

Landfill Drilling & Piping Specialists, LLC is a Wisconsin LLC.

(IF A CORPORATION OR JOINT VENTURE)

Firm Name _____ (SEAL)
Signed by _____ (SEAL)
Business Address _____
Telephone Number _____

Insert Name and Address of all Members of the firm

CITY OF SPRINGFIELD, MO
BUDGET ADJUSTMENT

Exhibit B

BA Number 0001

Revenues:

Fund	Dept	Org	Account	P&G	Location	Amount	Description
55010	08	33520	414110	000000	00000	485,000.00	Reimbursement from City Utilities
Net Revenue Adjustment						485,000.00	

Expenditures:

Fund	Dept	Org	Account	P&G	Location	Amount	Description
55010	08	33520	509110	000000	00000	485,000.00	Landfill Gas Collection & Control System Expansion Phase 5
Net Expenditure Adjustment						485,000.00	

Fund Balance Appropriation:

Fund	Title	Amount

Explanation: To appropriate the construction of the Landfill Gas Collection & Control System Expansion Phase 5 and the reimbursement of project costs from City Utilities.

Requested By:

Stephen Meyer 6/21/16
Department Head Date

Approved By:

Mary Mann O'Decker 6/21/16
Director of Finance Date

Authorization:

Council Bill No. 2016-153
Ordinance No. _____
1st Reading _____
2nd Reading _____
Journal Imp No. _____

City Manager Date