

**CITY OF EL PASO, TEXAS
AGENDA ITEM
DEPARTMENT HEAD'S SUMMARY FORM**

DEPARTMENT: Engineering and Construction Management

AGENDA DATE: November 16, 2010

CONTACT PERSON/PHONE: R. Alan Shubert, P.E., City Engineer, 541-4423

DISTRICT(S) AFFECTED: ALL

SUBJECT:

Award bid 2010-271 for Clint Landfill Gas Recovery System, Phase I to Stearns, Conrad and Schmidt, Consulting Engineers, Inc., for a total amount of \$745,756.25.

BACKGROUND / DISCUSSION:

The Project consists of constructing the first phase of the landfill gas recovery system at the Clint Landfill, and generally consists of installing seven landfill gas extraction wells with wellhead assemblies, gas collection piping (subheader and header lines), condensate trap/pump stations (with connection to the existing leachate forcemain), electrical systems, and a flare station that includes a fenced in area and concrete pad for the blower/flare skid unit.

The total contract time is for a period of 147 consecutive calendar days, 117 calendar days for substantial completion and 30 calendar days for remaining work.

This is a low bid, unit-priced contract. Stearns, Conrad and Schmidt, Consulting Engineers, Inc. is the lowest responsible, responsive bidder. It is requested that the City Manager be authorized to sign the reference contract.

PRIOR COUNCIL ACTION:

N/A

AMOUNT AND SOURCE OF FUNDING:

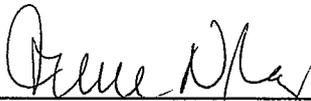
American Recovery & Reinvestment Act (ARRA) (\$591,224.00) & Garbage Collection Billings (\$195,628.00)

BOARD / COMMISSION ACTION:

N/A

*****REQUIRED AUTHORIZATION*****

DEPARTMENT HEAD:



(If Department Head Summary Form is initiated by Purchasing, client department should sign also)
Information copy to appropriate Deputy City Manager

Dedicated to Outstanding Customer Service for a Better Community

SERVICE SOLUTIONS SUCCESS

Environmental Services Department

October 12, 2010

RECOMMENDATION

To: Sandra Jimenez, Project Compliance Specialist

From : Miguel Parra, ESD Engineering Manager *MP*

Subject: **Clint Landfill Gas Recovery System, Phase I No. 2010-271**

We have reviewed the above subject bid and we recommend that the Base Bid with option UA-07 and option UA-08 be awarded to Sterns, Conrad, & Schmidt Consulting Engineers (SCS) as the lowest most responsive and responsible bidder. Total estimated contract award is \$747,756.25

Base Bid	\$679,756.25
Option UA-07	\$40,000.00
Option UA-08	<u>\$26,000.00</u>
	\$745,756.25

If you have any questions, please call me at 599-6235

Miguel Parra



Mayor
John F. Cook

City Council

District 1
Ann Morgan Lilly

District 2
Susie Byrd

District 3
Emma Acosta

District 4
Carl L. Robinson

District 5
Rachel Quintana

District 6
Eddie Holguin Jr.

District 7
Steve Ortega

District 8
Beto O'Rourke

City Manager
Joyce A. Wilson



ENVIRONMENTAL SERVICES DEPARTMENT

Clint Landfill Gas Recovery System, Phase I.

Solicitation No. 2010-271

Scope of Work

BASE BID:

The Project consists of constructing the first phase (Phase I) of the landfill gas recovery system at the Clint Landfill, and generally consists of installing seven landfill gas extraction wells with wellhead assemblies, gas collection piping (subheader and header lines), condensate trap/pump stations (with connection to the existing leachate forcemain), electrical systems, and a flare station that includes a fenced in area and concrete pad for the blower/flare skid unit. Refer to Technical Specification Section 01 11.00, Summary of Work, for specific details of the Base Bid Items.

UNIT PRICE BID ALTERNATE ITEMS:

Several items are provided in the Proposal Form to be used in-place of Base Bid item(s) and/or as additive items. Refer to Technical Specification Section 01 11 00, Summary of Work, for specific details for the Unit Price Bid Alternate Items for the project.

This is a Unit Priced Project.

CITY OF EL PASO BID TABULATION

BID TITLE: CLINT LANDFILL GAS RECOVERY SYSTEM PHASE 1
BID DATE: September 29, 2010

BID NO: 2010-271
DEPARTMENT: ESD

				D & H PUMP SERVICE, INC. dba D & H PETROLEUM & ENV SER EL PASO, TX		STEARNS, CONRAD, & SCHMIDT CONSULTING ENGINEERS RESTON, VA		TRI - CON WORKS, L.P. HOUSTON, TX	
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
BASE BID									
LS-1	1	LS	TEMPORARY FACILITIES & CONTROLS, SAFETY, & STORMWATER & EROSION CONTROL AND MANAGEMENT.	\$23,537.80	\$23,537.80	\$25,000.00	\$25,000.00	\$89,000.00	\$89,000.00
UP-01	1,600	LF	12-INCH LFG (MAIN) HEADER	\$96.68	\$154,688.00	\$46.00	\$73,600.00	\$59.00	\$94,400.00
					CONTRACTORS TOTAL = \$154,695.13				
UP-02	3	EA	12-INCH RISER/CLEANOUTS	\$6,420.26	\$19,260.78	\$6,300.00	\$18,900.00	\$2,800.00	\$8,400.00
UP-03	350	LF	18-INCH LFG (FLARE STATION) HEADER	\$168.36	\$58,926.00	\$82.00	\$28,700.00	\$87.00	\$30,450.00
					CONTRACTORS TOTAL = \$58,926.28				
UP-04	2	EA	18-INCH RISER/CLEANOUTS	\$10,761.16	\$21,522.32	\$9,000.00	\$18,000.00	\$4,300.00	\$8,600.00
					CONTRACTORS TOTAL = \$21,522.33				
UP-05	2,000	LF	6-INCH LFG SUBHEADER	\$59.01	\$118,020.00	\$27.00	\$54,000.00	\$37.00	\$74,000.00
					CONTRACTORS TOTAL = \$118,012.24				
UP-06	7	EA	WELLHEAD ASSEMBLIES	\$3,566.29	\$24,964.03	\$750.00	\$5,250.00	\$690.00	\$4,830.00
					CONTRACTORS TOTAL = \$24,964.04				
UP-07	2	EA	CONDENSATE TRAP/PUMP STATIONS	\$24,030.00	\$48,060.00	\$27,000.00	\$54,000.00	\$22,900.00	\$45,800.00
					CONTRACTORS TOTAL = \$48,060.01				
UP-08	375	LF	CONDENSATE FORCEMAIN	\$34.67	\$13,001.25	\$4.00	\$1,500.00	\$27.00	\$10,125.00
					CONTRACTORS TOTAL = \$12,999.41				
UP-09	2	EA	CONDENSATE FORCEMAIN VALVE VAULTS	\$7,437.63	\$14,875.26	\$7,200.00	\$14,400.00	\$8,800.00	\$17,600.00
UP-10	7	EA	LANDFILL GAS WELLS (LGWs)	\$15,023.50	\$105,164.50	\$5,500.00	\$38,500.00	\$7,200.00	\$50,400.00
					CONTRACTORS TOTAL = \$105,164.48				
UP-11	1	LS	FLARE STATION EARTHWORK	\$13,937.55	\$13,937.55	\$23,000.00	\$23,000.00	\$19,000.00	\$19,000.00
UP-12	240	LF	FLARE STATION FENCING	\$60.37	\$14,488.80	\$65.00	\$15,600.00	\$60.00	\$14,400.00

Approved By: *MK*

CITY OF EL PASO BID TABULATION

BID TITLE: CLINT LANDFILL GAS RECOVERY SYSTEM PHASE 1
BID DATE: September 29, 2010

BID NO: 2010-271
DEPARTMENT: ESD

				D & H PUMP SERVICE, INC. dba D & H PETROLEUM & ENV SER EL PASO, TX		STEARNS, CONRAD, & SCHMIDT CONSULTING ENGINEERS RESTON, VA		TRI - CON WORKS, L.P. HOUSTON, TX	
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
UP-13	1	LS	FLARE STATION CONCRETE WORK	\$10,768.65	\$10,768.65	\$22,000.00	\$22,000.00	\$17,900.00	\$17,900.00
UP-14	1	LS	6" FLARE/BLOWER SKID UNIT (30 HP BLOWER)	\$175,107.83	\$175,107.83	\$235,000.00	\$235,000.00	\$194,000.00	\$194,000.00
UP-15	1	LS	FLARE STATION POWER & CONTROLS	\$52,174.65	\$52,174.65	\$25,000.00	\$25,000.00	\$53,000.00	\$53,000.00
UP-16	1	LS	CONDENSATE TRAP/PUMP STATION #2 POWER & CONTROLS	\$29,103.89	\$29,103.89	\$25,000.00	\$25,000.00	\$9,700.00	\$9,700.00
UP-17	75	LF	TRENCH SAFETY SYSTEMS	\$153.00	\$11,475.00	\$30.75	\$2,306.25	\$55.00	\$4,125.00
SUM TOTAL (ITEMS LS-1 & UP-01 THRU UP-17)				\$909,076.31		\$679,756.25		\$745,730.00	
				CONTRACTORS TOTAL = \$909,074.13		CONTRACTORS TOTAL = \$679,700.00			

UNIT PRICE ALTERNATE ITEMS:

UA-01	1,600	LF	10-INCH LFG (MAIN) HEADER	\$83.32	\$133,312.00	\$42.00	\$67,200.00	\$52.00	\$83,200.00
				CONTRACTORS TOTAL = \$133,315.59					
UA-02	3	EA	10-INCH RISER/CLEANOUTS	\$6,542.75	\$19,628.25	\$6,200.00	\$18,600.00	\$2,200.00	\$6,600.00
UA-03	350	LF	12-INCH LFG (FLARE STATION) HEADER	\$142.06	\$49,721.00	\$50.00	\$17,500.00	\$59.00	\$20,650.00
UA-04	2	EA	12-INCH RISER/CLEANOUTS	\$10,186.69	\$20,373.38	\$6,300.00	\$12,600.00	\$2,800.00	\$5,600.00
UA-05	2,000	LF	4-INCH LFG SUBHEADER	\$46.34	\$92,680.00	\$26.00	\$52,000.00	\$24.00	\$48,000.00
				CONTRACTORS TOTAL = \$92,682.26					
UA-06	1	LS	4" FLARE/BLOWER SKID UNIT (15 HP BLOWER)	\$157,769.32	\$157,769.32	\$225,000.00	\$225,000.00	\$181,690.00	\$181,690.00

Approved By: *ML*

CITY OF EL PASO BID TABULATION									
BID TITLE: CLINT LANDFILL GAS RECOVERY SYSTEM PHASE 1					BID NO: 2010-271				
BID DATE: September 29, 2010					DEPARTMENT: ESD				
				D & H PUMP SERVICE, INC. dba D & H PETROLEUM & ENV SER EL PASO, TX		STEARNS, CONRAD, & SCHMIDT CONSULTING ENGINEERS RESTON, VA		TRI - CON WORKS, L.P. HOUSTON, TX	
ITEM #	EST. QTY	UNITS	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
SUM TOTAL ALTERNATE ITEMS (ITEMS UA-01 THRU UA-06)				\$473,483.95		\$392,900.00		\$345,740.00	
				CONTRACTORS TOTAL = \$473,489.80					
SUM TOTAL (BB1 - UP-01 THRU UP-05 - UP14) + SUM TOTAL ALTERNATE ITEMS				\$835,035.33		\$644,456.25		\$681,620.00	
UNIT PRICE OPTION ITEMS:									
UA-07	1	EA	FLARE UNIT GAS ANALYZER	\$62,581.15	\$62,581.15	\$40,000.00	\$40,000.00	\$50,050.00	\$50,050.00
UA-08	2	EA	LFG SYSTEM CONNECTION TO LEACHATE CLEANOUTS	\$9,099.23	\$18,198.46	\$13,000.00	\$26,000.00	\$8,500.00	\$17,000.00
SUM TOTAL OPTION ITEMS (ITEMS UA-07 THRU UA-08)				\$80,779.61		\$66,000.00		\$67,050.00	
AMENDMENT NO. 1 & NO. 2 ACKNOWLEDGED				YES		YES		YES	
BID BOND				YES		YES		YES	

Approved By: *ML*



CITY OF EL PASO

TO THE HONORABLE CITY MANAGER AND CITY COUNCIL
CITY OF EL PASO
EL PASO, TEXAS

The undersigned having familiarized themselves with the local conditions affecting the cost of work and with the Contract documents consisting of Invitation to Bid, Instructions to Bidders, General Conditions, the Contractor's Proposal, Special Bid Conditions, Applicable Wage Rates, the Contract Form, plans, specifications, drawings, and addenda on file in the office of the Financial Services Department of the City of El Paso, hereby propose to perform everything required to be performed and to provide furnish and install all the labor, materials, necessary tools, expendable equipment, and all utility and transportation services, and to complete in a workmanlike manner all the work required for the

Clint Landfill Gas Recovery System, Phase I

SOLICITATION NO. 2010-271

within the specified limits and in accordance with the plans, including Addenda numbers 1, 2, AT THE FOLLOWING UNIT PRICES (Additive alternate items are given on the following page(s));

EACH PROPOSAL MUST BE SUBMITTED ON THE PRESCRIBED FORM AND all blank spaces on the proposal form for proposal prices must be filled in, in ink or typewritten. FAILURE TO FILL IN ALL BLANK SPACES SHALL CAUSE THE BID PROPOSAL TO BE DEEMED NOT RESPONSIVE AND BID PROPOSAL WILL NOT BE CONSIDERED IN DETERMINING THE LOWEST RESPONSIBLE BIDDER.

Note:

For this solicitation, the lowest responsible bid will be determined in the following manner: either *Base Bid* will be awarded if funding is available OR *Base Bid* subtract items: UP-01 thru UP-05 and UP-14 and add *Alternate* items: UA-01 thru UA-06. *Options will be awarded if funding is available.*

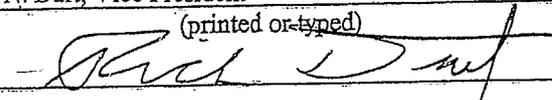
NOTE: The quantities shown in the unit price schedule are ESTIMATES ONLY. They are shown here only for the purpose of comparing bids as an expected total expenditure. The City, at its sole discretion, will direct exactly how many actual units will be placed, and will pay for only those units that are ordered and accepted. No payments will be made regarding the estimated quantities, they are estimates only.

Estimates are minimums, but not guaranteed minimums, and the contract cost can increase so long as the unit costs remain the same and the increased funds are appropriated in the budget.

Line item entries shall prevail over sum total entries. When discrepancies exist between unit prices and corresponding extended prices, unit prices shall prevail.

COMPANY NAME: Stearns, Conrad and Schmidt, Consulting Engineers, Inc. dba SCS Field Services

SIGNER'S NAME: Richard N. Dart, Vice President
(printed or typed)

SIGNER'S SIGNATURE: 

BASE BID

Item ID ^(a)	Item Description	Estimated Quantity	Unit	Unit Bid Price (In figures)	Total Amount (Quantity x Unit Price) (In Figures)
LS-1	Temporary Facilities and Controls, Safety, and Stormwater and Erosion Control and Management.	1	LS	\$25,000.00	\$25,000.00

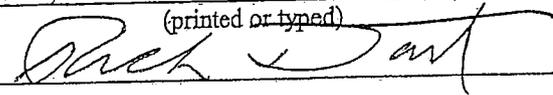
Item ID ^(a)	Item Description	Estimated Quantity	Unit	Unit Bid Price (In figures)	Total Amount (Quantity x Unit Price) (In Figures)
UP-01	12-Inch LFG (Main) Header	1,600	LF	\$46.00	\$73,600.00
UP-02	12-Inch Riser/Cleanouts	3	EA	\$6300.00	\$18,900.00
UP-03	18-Inch LFG (Flare Station) Header	350	LF	\$82.00	\$28,700.00
UP-04	18-Inch Riser/Cleanouts	2	EA	\$9000.00	\$18,000.00
UP-05	6-Inch LFG Subheader	2,000	LF	\$27.00	\$54,000.00
UP-06	Wellhead Assemblies	7	EA	\$750.00	\$5,250.00
UP-07	Condensate Trap/Pump Stations	2	EA	\$27,000.00	\$54,000.00
UP-08	Condensate Forcemain	375	LF	\$4.00	\$1,500.00
UP-09	Condensate Forcemain Valve Vaults	2	EA	\$7200.00	\$14,400.00
UP-10	Landfill Gas Wells (LGWs)	7	EA	\$5,500.00	\$38,500.00
UP-11	Flare Station Earthwork	1	LS	\$23,000.00	\$23,000.00
UP-12	Flare Station Fencing	240	LF	\$65.00	\$15,600.00
UP-13	Flare Station Concrete Work	1	LS	\$22,000.00	\$22,000.00
UP-14	6" Flare/Blower Skid Unit (30 HP Blower)	1	LS	\$235,000.00	\$235,000.00
UP-15	Flare Station Power and Controls	1	LS	\$25,000.00	\$25,000.00
UP-16	Condensate Trap/Pump Station #2 Power and Controls	1	LS	\$25,000.00	\$25,000.00
UP-17	Trench Safety Systems	75	LF	\$30.75	\$2,250.00
					\$679,700.00

(a) See Technical Specification Section 01 11 00, Summary of Work for description of items.

SUM TOTAL (Items LS - 1 and UP-01 thru UP-17) \$ 679,700.00

COMPANY NAME: Stearns, Conrad and Schmidt, Consulting Engineers, Inc. dba SCS Field Services

SIGNER'S NAME: Richard N. Dart, Vice President

SIGNER'S SIGNATURE: 

Owner will evaluate the Bids based upon the Base Bid Total above plus the Bid pricing for the Unit Price Alternate items presented below. Owner reserves the right to select Alternates in any order as add Alternates, or substitute Base Bid items for respective Alternate items until the available budget for the Project is reached. The Owner, in its sole discretion, will award the Contract based on the Base Bid Total.

UNIT PRICE ALTERNATE ITEMS:

Item ID ^(a)	Item Description	Estimated Quantity	Unit	Unit Bid Price (In figures)	Total Amount (Quantity x Unit Price) (In Figures)
UA-01	10-Inch LFG (Main) Header	1,600	LF	\$ 42.00	\$ 67,200.00
UA-02	10-Inch Riser/Cleanouts	3	EA	\$ 6,200.00	\$ 18,600.00
UA-03	12-Inch LFG (Flare Station) Header	350	LF	\$ 50.00	\$ 17,500.00
UA-04	12-Inch Riser/Cleanouts	2	EA	\$ 6,300.00	\$ 12,600.00
UA-05	4-Inch LFG Subheader	2,000	LF	\$ 26.00	\$ 52,000.00
UA-06	4" Flare/Blower Skid Unit (15 HP Blower)	1	LS	\$ 225,000.00	\$ 225,000.00

SUM TOTAL ALTERNATE ITEMS (Items UA-01 thru UA-06) \$ 392,900.00

UNIT PRICE OPTION ITEMS:

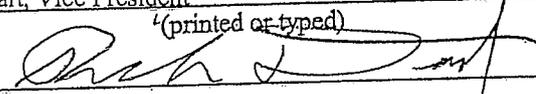
Item ID ^(a)	Item Description	Estimated Quantity	Unit	Unit Bid Price (In figures)	Total Amount (Quantity x Unit Price) (In Figures)
UA-07	Flare Unit Gas Analyzer	1	EA	\$ 40,000.00	\$ 40,000.00
UA-08	LFG System Connection to Leachate Cleanouts	2	EA	\$ 13,000.00	\$ 26,000.00

SUM TOTAL OPTION ITEMS (Items UA-07 thru UA-08) \$ 66,000.00

Because the value of the work to be performed by each apprenticeable occupation is less than \$50,000.00, we understand that an apprenticeship program is not required for this project, and we do not have such a program.

COMPANY NAME: Stearns, Conrad and Schmidt, Consulting Engineers, Inc. dba SCS Field Services

SIGNER'S NAME: Rich N. Dart, Vice President

SIGNER'S SIGNATURE: 

CONTRACT TIME AND LIQUIDATED DAMAGES

Bidder agrees to commence work on a date to be specified in a written "notice to Proceed" issued by the Owner. The Contract Time shall begin on the date to commence work as specified in the written Notice to Proceed and shall run for **ONE HUNDRED FORTY SEVEN (147) CONSECUTIVE CALENDAR DAYS**. Bidder shall Substantially Complete the project within **ONE HUNDRED SEVENTEEN (117) CONSECUTIVE CALENDAR DAYS** after the date to commence work in the Notice to Proceed.

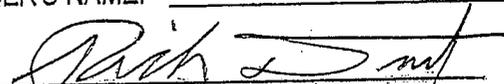
Bidder agrees to pay, as liquidated damages, the sum of **FIVE HUNDRED and NINETY DOLLARS and ZERO CENTS (\$590.00)** for each consecutive calendar day after the date of Substantial Completion as hereinafter provided in the General Conditions. Bidder further agrees to pay as liquidated damages a sum of **TWO HUNDRED and NINETY DOLLARS (\$290.00)** for each consecutive calendar day after the expiration of the Contract Time for Remaining Work, as provided in Paragraph 6.8.3.1 of the General Conditions. The unit price quantities of this contract are estimated.

PROPOSAL

Enclosed with this proposal is a certified check or bid bond for five percent (5%) of the TOTAL bid price including base bid(s) and alternate(s) which is agreed shall be collected and retained by the Owner as liquidated damages in the event this proposal is accepted by the Owner within sixty (60) consecutive calendar days after the date advised for the reception of bids and the undersigned fails to execute the contract and the required performance and payment bonds with the Owner within fourteen (14) consecutive calendar days after the date said proposal is accepted; otherwise, the said bid security shall be returned to the undersigned upon demand.

THE UNDERSIGNED BIDDER REPRESENTS TO THE CITY AND TO THE OTHER BIDDERS THAT HIS/HER BID, AND THE ESTIMATES ON WHICH IT IS BASED, HAS BEEN CAREFULLY CHECKED AND CONTAINS NO ERRORS, AND NOTHING HAS BEEN OMITTED OR OVERLOOKED IN DETERMINING THE AMOUNTS BID.

BIDDER'S NAME: Stearns, Conrad and Schmidt, Consulting Engineers, Inc. dba SCS Field Services

BY:  September 28, 2010
Signature Date

Richard N. Dart, Vice President (703) 471-6150 (703) 709-8379
Print Signer's name & title Telephone Fax

11260 Roger Bacon Drive, Suite 300 Reston, VA 20190
Address City, State Zip Code

Physical Address of Business - If different from above City, State Zip Code

IF THE BIDDER BE A CORPORATION, THE FOLLOWING CERTIFICATE SHOULD BE EXECUTED:

I, David E. Ross, certify that I am the Assistant Secretary of the corporation named as Bidder hereinabove, that Richard N. Dart, who signed the foregoing contract on behalf of the Bidder, was then Vice President of said corporation; that said proposal was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.


Assistant
CORPORATE SECRETARY SIGNATURE AND CORPORATE SEAL