ADDENDUM NO. 1
CITY OF LAS VEGAS, NEW MEXICO
MARCH 19, 2015

TO: All Planholders

RE: City of Las Vegas WWTP Sludge Thickening Equipment, January 2015

The following Addendum shall be incorporated into the Contract Documents for the above-referenced project.

A. PROJECT MANUAL

1. Instructions to Bidders

   a. Page ITB-6, Article 15 – Submittal of Bid: Add the following sentence to the end of Section 15.01:

      "• City of Las Vegas Standard Bid Clauses, Bidder Information, Affidavit for Filing with Competitive Bid, and Campaign Contribution Disclosure Form."

2. Bid Form

   a. Pages BID-4 to BID-5: Replace pages BID-4 to BID-5 with revised pages BID-4 to BID-5 attached to this addendum.

3. Section 26 29 23 – Variable Frequency Drives

   a. Page 26 29 23-9, Schedule under 3.05 A.: Change required for Progressive Cavity Pump if Dual Drum Rotary Drum Thickener Option is taken:

Equipment Name	Equip HP	VFD Duty	VFD NP HP	VFD Min Derated A	Max Wide	Max Deep
Progressive Cavity Pumps (each of 2 pumps)	5	Heavy	7.5	13	[1]	[1]

[1] As required by manufacturer

   b. Page 26 29 23-9, Schedule under 3.05 A.: Change required for Progressive Cavity Pump if Single Drum Rotary Drum Thickener Option is taken:

Equipment Name	Equip HP	VFD Duty	VFD NP HP	VFD Min Derated A	Max Wide	Max Deep
Progressive Cavity Pump (1 pump required)	7.5	Heavy	10	17	[1]	[1]

[1] As required by manufacturer

4. Section 44 42 56.27 – Progressive Cavity Sludge Pumps:

   a. Page 44 42 56.27-2, Section 2.01: Replace Section 2.01 in its entirety with the following section:

      "A. Seepex progressive cavity pumps.

      B. Netzsch progressing cavity pumps.

      C. Or Engineer reviewed equivalent."

   b. Page 44 42 56.27-4, Section 3.03 B.: Replace section B in its entirety with the following section:

      "B. Thickened Digested Sludge Pumps:
         1. Pump Configuration Required if Dual Drum Rotary Drum Thickener Option is Taken:
            a. Design Operating Point (based on 2.5% thickened sludge): 38 gpm each pump at 20 ft TDH.
            b. Maximum RPM: 199 rpm, 60 Hz.
            c. Design Basis: Seepex Model BTQ 17-6LS.
               1) Drive: 5 HP; nominal motor speed 1,800 rpm.
               2) Suction and Discharge: As shown on Drawings.
            d. Quantity: Two (2) duty pumps.
         2. Pump Configuration Required if Single Drum Rotary Drum Thickener Option is Taken:
            a. Design Operating Point (based on 2.5% thickened sludge): 76 gpm at 20 ft TDH.
            b. Maximum RPM: 213 rpm, 53 Hz.
            c. Design Basis: Seepex Model BTQ 35-6LS.
               1) Drive: 7.5 HP; nominal motor speed 1,800 rpm.
               2) Suction and Discharge: As required by pump manufacturer.
            d. Quantity: One (1) duty pump."

5. Section 46 71 33 – Rotary Drum Thickening Equipment:

   c. Page 46 71 33-3, Section 2.01 D.: Replace paragraph D in its entirety with the following paragraph:

      "D. The Drawings have been prepared using Alfa Laval as the design basis. Bidder shall include in its base bid all costs associated with design changes, including Contractor's and manufacturer's costs to reconfigure connecting piping and hopper, addition of wash water booster pumps with mounting platforms and all associated electrical work and controls if higher than design basis pressures are needed, and additional access

platforms if needed, and any other construction changes, including submittals for Engineer's review, required to accommodate equipment from other manufacturers."

d. Page 46 71 33-7, Section 3.03 A.: Replace section A in its entirety with the following section:

"A. Rotary Drum Thickener System Performance:
1. Flow rate of wet solids (Waste Activated Sludge) to be thickened:
   a. Condition 1: 389 gpm at a solids feed concentration of 0.5 %.
   b. Condition 2: 195 gpm at a solids feed concentration of 1.0%.
2. Design recovery of solids shall be 98% minimum.
3. Maximum allowable dosage of polymer shall be 12 pounds of active polymer per dry ton of solids applied to the Rotary Drum Thickening Equipment.
4. Design thickened sludge solids to be achieved shall be at least 3%."

B. DRAWINGS

1. Sheet S-501:
   a. Section 5: Replace doorway clear opening dimensions shown on Section 5 with dimensions compatible with the hollow metal door frame dimensions shown on sheet A-601 for Door 105, and compatible with the referenced jamb and head details shown on Sheet A-501.

2. Sheet E-602:
   a. Thickener One-Line Diagram: Change required if Dual Drum Rotary Drum Thickener Option is taken:
      Replace 3 HP North Sludge Pump and 3 HP South Sludge Pump with 5 HP North Sludge Pump and 5 HP South Sludge Pump.
   b. Thickener One-Line Diagram: Change required if Single Drum Rotary Drum Thickener Option is taken:
      Replace 3 HP North Sludge Pump and 3 HP South Sludge Pump with one 7.5 HP Sludge Pump.

C. PRE-BID CONFERENCE MINUTES AND ATTENDANCE LIST

1. A copy of the minutes of the Pre-Bid Conference is attached.

2. A copy of the attendance Sign-in Sheet from the non-mandatory Pre-Bid Conference is attached.

All other provisions of the Contract Documents shall remain unchanged. This Addendum is hereby made a part of the Contract Documents to the same extent as those contained in the original documents and all itemized listings thereof.

Each Bidder shall acknowledge receipt of this Addendum No. 1 on the Bid Proposal Form in the space provided.

MOLZEN CORBIN

Douglas W. Albin — Date 3/19/15

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
BID LOT 1					
1	Mobilization	ALLOW	1	$25,000.00	$25,000.00
2	Demobilization	ALLOW	1	$25,000.00	$25,000.00
3	Demolition of lime equipment, including fume hood, conveyor, lime tank and associated piping, stairs, and line to gravity thickener basin.	LS	1	$	$
4	Installation of Rotary Drum Thickener, polymer feed equipment, flow meters, thickened sludge pumps, and associated piping. Includes modifications to North Digester drain piping, connection to South Digester drain, and installation of blow back piping.	LS	1	$	$
5	Improvements to lime building, including replacement of lower 6 to 8 feet of sheetrock with water repellent paneling. Also replace corroded doors and structural steel.	LS	1	$	$
6	Enclosure for thickened sludge truck loading pump station, including concrete slab.	LS	1	$	$
7	Site work, including the new concrete slab, trench drain system, and yard piping.	LS	1	$	$
8	Electrical work.	LS	1	$	$
9	Mechanical work.	LS	1	$	$
10	Testing Allowance	1	ALLOW	$10,000.00	$10,000.00
11	Construction Contingency Allowance	1	ALLOW	$20,000.00	$20,000.00
12	Existing Plant Control System Programming Allowance	1	ALLOW	$10,000.00	$10,000.00
				Subtotal: BID LOT 1	$_____
				Gross Receipts Tax @ 8.1458%	$_____
				TOTAL BID AMOUNT: BID LOT 1	$_____
BID LOT 2					
1	Remove and replace existing isolation valve at South Digester. City to drain, clean, and remove debris in South Digester (No. 2).			$	$
				Subtotal: BID LOT 2	$_____
				Gross Receipts Tax @ 8.1458%	$_____
				TOTAL BID AMOUNT: BID LOT 2	$_____

Subtotal: BID LOT 1 and BID LOT 2 $_____

Gross Receipts Tax @ 8.1458% $_____

TOTAL BID AMOUNT: BID LOT 1 and BID LOT 2 $_____

Unit Prices have been computed in accordance with Paragraph 11.03.B of the General Conditions.

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Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

5.02 This Contract will be awarded on the basis of the lowest responsive total bid received from a responsible Bidder. If the lowest acceptable bid exceeds available funds, the Owner retains the right to reject all bids or negotiate a change of scope with the lowest responsive Bidder. Owner may only negotiate up to 10% higher than the budgeted project funds. Such negotiation shall not be allowed if the lowest Bid is more than 10% over the budgeted project funds. If a change of scope is negotiated and effected, it will be in the form of a formal Change Order to the Contract. If these conditions are not satisfied, the Owner is required to reject all bids and re-bid the project to comply with State procurement requirements.

5.03 Gross receipts tax rates will be adjusted by the Contractor during the construction period to reflect the actual applicable rates issued by the New Mexico Taxation and Revenue Department.

ARTICLE 6 – TIME OF COMPLETION

6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

7.02 The following documents are submitted with and made a condition of this Bid:

A. Required Bid security;

B. List of Proposed Subcontractors for compliance with New Mexico Subcontractor's Fair Practices Act;

C. Equipment Suppliers List;

D. Federal Forms:

1. Form XP-211 –Certifications Regarding Contract under Equal Opportunity Clause and Non-Segregated Facilities
2. Form XP-215 – MBE/WBE/SBRA Engineering Utilization Form, along with proof of solicitation (i.e., newspaper advertisement, letters of solicitation)
3. Form XP-315 – Davis Bacon Certification
4. Form 5700-49 – Certification Regarding Debarment, Suspension, and Other Responsibility Matters
5. Form 6100-2 – DBE Subcontractor Participation Form
6. Form 6100-3 – DBE Subcontractor Performance Form
7. Form 6100-4 – DBE Subcontractor Utilization Form

E. City of Las Vegas Standard Bid Clauses, Bidder Information, Affidavit for Filing with Competitive Bid, and Campaign Disclosure Form.

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PRE-BID CONFERENCE MINUTES
CITY OF LAS VEGAS
NEW MEXICO

WWTP Sludge Thickener Equipment

Date and Time: March 11, 2015 10 a.m.

Location: Wastewater Treatment Plant

Attendance: Per Attached Sheet

AGENDA

1. Introduction
2. Engineer Comments
3. Funding Agency Comments
4. Owner Comments
5. Contractor Questions
6. Adjourn

DISTRIBUTION

Owner: City of Las Vegas
1700 North Grand Ave.
Las Vegas, New Mexico 87701

Engineer/ Architect: Molzen-Corbin & Associates
2701 Miles Rd. SE
Albuquerque, New Mexico 87106

Funding: CWSRF-016 Loan through NMFA/NMED

1. INTRODUCTION

A. Introduction of those in attendance.

B. Circulation of Attendance Sheet (attached).

2. ENGINEER'S/ARCHITECT'S COMMENTS

A. Key Personnel

City of Las Vegas	(505) 426-3314 (office)
Ken Garcia, Utility Director	(505) 429-0890 (cell)
Eric Tapia, City Project Manager	(505) 429-7660 (cell)
NMED	
Andrea Telmo, P.E.	(505) 222-9512 (office)
Molzen Corbin	(505) 242-5700/Fax 242-0673
Ken Muller, P.E., Project Engineer Douglas W. Albin, Project Manager Mike Cozens, Construction Observer 2701 Miles Road, SE Albuquerque, New Mexico 87106	 (505) 366-3683 (cell) (505) 652-6992 (cell)

B. Summary of Work – See Attached Bid Form BID-4

C. Contract Time

Substantial Completion – 210 Days

Final Completion Date – 240 Days

D. Submittals

1. See Specification Section 01 33 23.

2. No payment will be made for equipment on site or equipment installation until both satisfactory shop drawings and preliminary O&M Manuals have been submitted.

E. Other Engineer Comments

1. Coordination with WWTP personnel.
2. Project sign required. *EPA sign in Project Manual*
3. Progress Meetings. *Construction meetings will be held every two weeks.*
4. Site access. *Main WWTP gate normally open 7:30 a.m. to 4 p.m. Arrange with City for access 7 a.m. to 5 p.m. and weekends.*
5. Permits.
6. Utility locations, notifications, and emergencies.
7. Construction staging area.
8. Today is the only day for the contractors to visit site.

3. FUNDING AGENCY COMMENTS

1. The project is being constructed with EPA Funds
2. The project is subject to the Davis Bacon Act.
3. Solicit MBE/DBE/WBE participation. Show good faith solicitation documentation with bid.
4. Submit EPA forms with bid.
5. The project is not subject to the Buy American or American Iron and Steel requirements.

4. OWNER COMMENTS

1. The work hours of 7 a.m. to 5 p.m. are o.k.
2. Contractor can use electrical power in the existing building at no charge.
3. City will remove the material stored in the existing Lime Building except for the tank.
4. The City will drain the south digester in order to replace the existing valve and valve box.

5. CONTRACTOR QUESTIONS

1. Q: Is there a cost to the Contractor for the design in the change of the equipment?
   A: There will not be a cost to the Contractor.

ATTENDANCE SHEET

PRE-BID CONFERENCE
FOR
CITY OF LAS VEGAS

WWTP Sludge Thickener Equipment

March 11, 2015

Name	Representing	Telephone Number
Douglas W. Albin	Molzen Corbin	505.242.5700
Joshua Crocker-Flint	ALI, Inc.	505-242-4848
Jeremy Zak	TLC.	505-362-2954
Jordan Batson	RMCI	505.345.0008
Robert Espinosa	CLV	505-429-7607
Jesus A. Hathaway	CLV	505-429-9022
Andrea Tenorio	NMED-CPB	505-222-9512
Ken Muller	Molzen Corbin	(505) 242-5700
Randy Hays	HAYS PHH	(505) 429-1172
Eric Tapia	CLV	(505) 429-7660
Mike Cagnina	Molzen Corbin	(505) 652-6992