

SOUTH VALLEY WATER RECLAMATION FACILITY

REQUEST FOR QUOTATION
NEW SELF UNLOADING CONVEYOR TRAILER
SPECIFICATIONS

MARCH 2018

REQUEST FOR QUOTATION

RECEIPT OF QUOTATION

Quotations will be received by South Valley Water Reclamation Facility at 7495 South 1300 West, West Jordan City, Utah 84084, for the procurement of:

NEW SELF UNLOADING CONVEYOR TRAILER

In accordance with the Specifications prepared by:
South Valley Water Reclamation Facility
7495 South 1300 West
West Jordan City, Utah 84084

QUOTATIONS WILL BE RECEIVED NOT LATER THAN 4:00 p.m. on April 9, 2018 at the South Valley Water Reclamation Facility located at 7495 South 1300 West, West Jordan City, Utah.

QUOTATIONS MAY BE DELIVERED by certified mail, hand delivered, or emailed to the South Valley Water Reclamation Facility located at 7495 South 1300 West, West Jordan City, Utah. Quotations should be sent to the attention of Taigon Worthen, P.E., email tworthen@svwater.com.

OWNER'S RIGHTS RESERVED

South Valley Water Reclamation Facility, hereinafter called the OWNER, reserves to itself, without condition, the right to reject any or all quotations and to waive any informality or technicality in any quotation deemed in the interest of the Owner.

SPECIFICATIONS

Self Unloading Conveyor Trailer specifications can be obtained at SVWRF from March 2615, 2018 through April 9, 2018 during office hours or downloaded from www.svwater.com under Engineering and then 2018 Self Unloading Conveyor Trailer.

INSTRUCTIONS TO VENDORS

Examination of Specifications

The submission of a Quotation will constitute an incontrovertible representation by the Vendor that he has examined the Specifications and concurs that they are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for furnishing the Equipment and Services.

Interpretations

All questions about the meaning or intent of the Specifications shall be submitted to the Owner in writing at the email address noted in the Advertisement. Replies will be issued by Addenda posted to South Valley Water Reclamation Facility's website. Questions received on the day of closing for the advertisement may not be answered. Only questions answered by formal written Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

Substitute Equipment or Services

The contract, if awarded, will be on the basis of supplying Equipment and Services described and specified. Specific reference to a brand, make, or manufacturer, together with a model or catalog number, in the Specifications, is to denote minimum quality standards of products required. The intent of the Specifications is to set forth and convey to Vendors, the style, type, character, and minimum quality of product required. Equivalent products will be considered by the Owner with the Owner's decisions considered final.

Quotation Form

The Quotation shall be made on the Quotation forms bound herein and in the manner hereafter specified. The Quotation forms shall be completed in ink or by printer, all names must be typed or printed below the signature, and the Quotation forms shall include the name of the Vendor and the date of the submission.

Modification and Withdrawal of Quotations

Quotations may be modified or withdrawn by an appropriate document duly executed and delivered to the place where Quotations are to be submitted at any time prior to the opening of Quotations.

Unauthorized conditions, limitations, or provisos attached to a Quotation will render it informal and may cause its rejection as being non-responsive. The completed Quotation forms shall be without interlineations, alterations, or erasures. Alternative Quotations may not be considered unless called for. Oral, telegraphic, or telephonic Quotations will not be considered.

INSTRUCTIONS TO VENDORS (continued)

Basis of Purchase Award

The Contract Award will be based on the following criteria:

- Total price.
- The ability to comply or exceed the Specifications.
- Evaluation by the Owner on the ease of operations and maintenance, service representative accessibility, financial capability of the Vendor and manufacturer, physical dimensions and gross weight of the unit, operational and maintenance costs, and overall safety features on the equipment.

At the completion of the evaluation by the Owner, the Owner may or may not award the purchase.

Award of Purchase

Owner reserves the right to reject any and all Quotations, to waive any and all informalities, to negotiate purchase terms with the Successful Vendor, and may disregard all nonconforming, non-responsive or conditional Quotations. Discrepancies between words and figures will be resolved in favor of words. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

Owner may conduct such investigations as Owner deems necessary to assist in the evaluation of any Quotation and to establish the responsibility, qualifications, and financial ability of the Vendor to furnish the Equipment and Services in accordance with the Specifications to Owner's satisfaction within the prescribed time. Owner reserves the right to reject the Quotation of any Vendor who does not pass any such evaluation to Owner's satisfaction.

The purchase, if awarded, will be in the best interest of the Owner. The successful Vendor will be notified following completion of Quotation evaluation.

Performance Testing

Upon delivery of the Self Unloading Conveyor Trailer to the Owner, the Vendor shall conduct performance testing. This performance testing will be conducted by the Vendor's operators who are knowledgeable of the Equipment. Performance testing will be required to demonstrate that equipment will meet the performance criteria set forth in these specifications. The performance testing will involve field testing to verify the Self Unloading Conveyor Trailer will attach to the Owner's existing tractor trucks, and that all electrical and hydraulic functions operate properly when attached. Full detailed inspection of the Self Unloading Conveyor Trailer will be made to assure that there are no mechanical defects from the equipment manufacturer, and that the Equipment is sound.

This performance testing will be conducted at the South Valley Water Reclamation site located at 7495 South 1300 West, West Jordan City, Utah.

In the event that defects in manufacture, workmanship, or performance are determined during the testing, the Vendor will be required to correct these within 15 days of receipt of

INSTRUCTIONS TO VENDORS (continued)

notice to do such by the Owner and prior to the Owner's final acceptance and subsequent payment. If the Vendor fails to correct any defects, etc. as described above within the 15 day period or refuses to correct them at all, the Owner reserves the right to refuse acceptance and terminate the purchase of the Equipment.

Vendor shall assume all risk of loss or damage to the Equipment prior to acceptance by the Owner at the point of delivery. Vendor shall purchase and maintain insurance on the Equipment during the process of fabrication and while in transit to insure against perils of fire, accident, theft, vandalism, or other perils.

Operator and Maintenance Training

The successful Vendor shall, within ten days after acceptance of Equipment by the Owner, provide training to the Owner's equipment operators and maintenance personnel. Training shall include:

- Pre-operational equipment check
- Safe and proper equipment operation
- Post operational equipment check
- Equipment maintenance and lubrication

Terms of Payment

VENDOR shall submit their invoice for payment after delivery, acceptance, and training have been completed. Application for payment will be processed by the OWNER and 100% of the Quotation price shall be paid.

QUOTATION FORM

IDENTIFICATION: NEW SELF UNLOADING CONVEYOR TRAILER

QUOTATION IS SUBMITTED TO:

South Valley Water Reclamation Facility
7495 South 1300 West
West Jordan City, Utah 84084

The undersigned Vendor agrees, if this Quotation is accepted, to accept a purchase order from OWNER in the form included in the Specifications for the Price and within the Time indicated in this Quotation and in accordance with the Specifications.

Vendor accepts all of the terms and conditions of the Request for Quotations and Specification. This Quotation will remain subject to acceptance for thirty days after the day of closing.

In submitting this Quotation, Vendor represents, as more fully set forth in the Specifications, that:

- (a) VENDOR has examined copies of all the Specifications and of the following Addenda (receipt of all which is hereby acknowledged):

Date	Number
_____	_____
_____	_____

- (b) VENDOR has familiarized itself with the nature and extent of the Specifications, Services, locality, and all local conditions and Laws and Regulations that in any manner may affect cost, progress, performance or furnishing of the Equipment and Service
- (c) VENDOR has given OWNER written notice of all conflicts, errors or discrepancies that he/she has discovered in the Specifications and the written resolution thereof by OWNER is acceptable to VENDOR.
- (d) This Quotation is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation. VENDOR has not directly or indirectly induced or solicited any person, firm or corporation to refrain from quoting; and VENDOR has not sought by collusion to obtain for itself any advantage over any other VENDOR or over OWNER.

VENDOR will furnish the Equipment and Services for the price shown on the attached Price Schedule. Other items of work defined in the specifications, but not listed in the Price Schedule, shall be considered incidental to one or more of the items listed in the Price Schedule and shall be paid for under the item listed to which it is related. Final payment will be based on actual Equipment and Services provided for the prices proposed.

QUOTATION FORM (Continued)

Vendor Information:

The Vendor shall furnish the following information along with his Quotation. Failure to comply with this requirement will render the Quotation informal and shall cause its rejection. Additional sheets may be attached as required.

Vendor's name and address:

Vendor's telephone number: _____

Number of years as a Vendor in furnishing New Self Unloading Conveyor Trailers of this type: _____

Number of years that manufacturer has built Self Unloading Conveyor Trailers of this type:

Origin of equipment: _____

Communications concerning this Quotation shall be addressed to:

South Valley Water Reclamation Facility
7495 South 1300 West
West Jordan City, Utah 84084

Taigon Worthen
Facility Engineer / Assistant GM
(801) 495-5469: Office
Email: tworthen@svwater.com

Signature of Company Representative

QUOTATION FORM (Continued)

SUBMITTED ON _____, 20_____

VENDOR _____

By _____
Agent Title

Business Address _____

Telephone Number _____ Date _____

State Business License No. _____

SPECIFICATIONS FOR NEW SELF UNLOADING CONVEYOR TRAILER

GENERAL

The SUPPLIER is required to furnish, in accordance with these Specifications at South Valley Water Reclamation Facility site, the following equipment and services:

- One New Self Unloading Conveyor Trailer.
- Training services for the equipment supplied.

The New Self Unloading Conveyor Trailer shall be manufactured in the United States of America by a manufacturer who has a minimum of THIRTY (30) years' experience building Self Unloading Conveyor Trailers of the same type and size. The SUPPLIER shall provide the names of facilities at which reference Self Unloading Conveyor Trailers are now operating, with contact names and phone numbers. Trailer shall meet all Federal, State and local DOT regulations for West Jordan City, Utah including all conspicuity treatments.

Trailer is intended for transporting moist municipal biosolids produced from a wastewater reclamation facility dewatered using filter belt press technology.

SIZE

Wheelbase width = 102"

Trailer body width = 102"

Trailer body length = 42-ft

Trailer body sidewall height above roadway = 120"

Sidewalls height = 41"

SUSPENSION & AXLES

Dual rear axles spaced at 54"

Hendrickson Narrow Tower 23K axle with lightweight breakdrums

Hendrickson Intraax AANT23K top mount air ride suspension

Load air gauge with readout in lbs and complete suspension dump valve installed in weather resistant box

HUBS & WHEEL SEALS

Dura-light Unimount with 10 hub piloted hubs

Chicago Rawhide wheel seals on Ingersol axles

Stemco wheel seals on Intraxx axles

BRAKES

Meritor Wabco anti-lock 4S/2M (4 sensor, dual ABS modulator) system

In-line air filter mounted at each gladhand (trailer labelled for filter service)

Stemco Centrifuse brake drums

Brakes shall be S-cam style

BRAKES, CONTINUED

Brakes shall measure 16.5" x 7" in diameter and width

Haldex self adjusting slack adjusters

DiPro 30/30 spring brake canisters

ABS signal lamp mounted at roadside rear of trailer

KING PIN & COUPLER PLATE

T-1 high tensile steel coupler plate with 2" diameter king pin

36" King pin

TRAILER BODY CONSTRUCTION

Trailer shall be designed for total payload of no less than 80,000 lbs

Trinity "Eagle Bridge" design shall include at a minimum

- 16 gauge 304 stainless steel body panels

- 2" x 2" x 1/8" 12 gauge stainless steel side posts and tubing

- 2" x 2" x 1/8" Nitronic 30, 12 gauge stainless steel top rails, double flush, or double offset

Sloped sides shall be no less than 52-degrees from horizontal

Interior side & slope liner shall be 1/4" UHMW, UV stabilized, white in color

Tarp shall be 18 oz. weight material, standard rollover with nine stainless steel radius bows & hardware, blue in color

Provide five side mounted ratchets and straps for tarp

Tarp bows shall have adjustable radius

All aluminum head cap

Fabric tail cap, black in color

Rear impact guard that meets or exceeds Federal regulations

Full fenders shall cover the rear wheels & tires

Fenders shall be made of rolled aluminum, mill finish, with rolled edges

Fenders shall have mud flaps

Fenders shall be bolted to the trailer body, (no welding of brackets)

Ladders located at curbside and roadside of trailer

LANDING GEAR

Two speed landing gear with cushion foot, 170,000 lb static load capacity

WHEELS & TIRES

Steel wheels

Tire size 11R24.5, 14-ply or equivalent

REAR GATE ASSEMBLY

Main rear gate shall be a top-hinged full swing door with a lower slide-up gate

Main gate & slide-up gate shall be PTO hydraulic powered

Slide-up gate shall be the same width as conveyor & have an opening height no less than 18"

The slide-up gate shall provide a wet seal against the conveyor

FRONT SEAL ASSEMBLY

Front seal shall be toggle up to open the seal and down to close it against the conveyor

The front seal shall have an air to actuate with a spring assisted return to open canister

CONVEYOR & PTO HYDRAULIC EQUIPMENT

Conveyor shall be PTO powered

24:1 ratio planetary drive gear box

Parker 240 hydraulic motor or equivalent shall drive conveyor

Quick couplers mounted at the front of the trailer

Flow control valve and hydraulic pressure gauge

Hydraulic pressure relief valve set at 2700 psi

Operating controls mounted at rear of trailer on driver's side

Heat treated front and rear drive shafts with heat treated sprockets

Conveyor belt width shall be 57"-61" in width

Conveyor belt speed shall be adjustable with a maximum speed of (0.50 fps to 0.83 fps)

Conveyor belt shall extend from sloped sidewall to sloped sidewall

Conveyor cross bars shall be made of high tensile steel

Conveyor chain shall be Allied Locke AL88C or equivalent with a minimum tensile strength of 28,000 lbs per strand

Chain tension adjustment assembly at front of trailer

Conveyor chain shall be equipped with a manually operated oil system

Segmented conveyors shall be equipped with a proper chain sag indicator on the trailer body

LIGHTING & ELECTRICAL

Sealed shock resistant marker, stop, and tail lamps

ICC approved 7-way receptacle

All wiring shall be moisture resistant

All electrical junction boxes shall be moisture resistant

Two rear spotlights shall be mounted, one on each side, of the rear of the trailer facing rearward

DRAWINGS & PARTS LIST

The Vendor shall submit three sets of shop drawings and parts list to the Owner prior to release of fabrication of the trailer. The Owner shall review the submittal and return them marked as follows. Owner's review and approval of shop drawings and parts list will not relieve Vendor from responsibility for any deviations from the Specifications unless the Vendor has in writing called Owner's attention to such deviation at the time of submission and has given written concurrence and approval to the specific deviation. Nor will any concurrences or approval by the Owner relieve Vendor from responsibility for errors or omissions in the shop drawings and parts list. Fabricating dimensions, quantities of materials, applicable code requirements, and other requirements shall be the Vendor's responsibility.

1. “No exceptions taken”, formal revision and resubmittal not required.
2. “Make corrections noted”, formal revision and resubmittal not required.
3. “Amend & resubmit”, Vendor shall revise said drawings, etc. and shall resubmit to the Owner. Release of fabrication shall not occur.
4. “Rejected, resubmit”, Vendor shall revise said drawings, etc. and shall resubmit to the Owner. Release of fabrication shall not occur. Vendor shall have no claim for damages or extensions of time due to any delay from having to make the required revisions unless the Owner’s review is delayed beyond a reasonable period of time and the Vendor can establish the review delay actually resulted in the Vendor’s manufacturing schedule.

OPERATION & MAINTENANCE MANUAL

Vendor shall supply three sets of Operation & Maintenance Manuals for equipment. Where possible, the manual shall contain operational procedures, recommended settings, preventative maintenance tasks and schedules, maintenance instructions, recommended spare parts, and vendor contact information for service and parts.

SPARE PARTS

- (4) Air filter service kits consisting of filter cartridge and o-ring
- (2) Service tools for air filter cleaning/replacement

WARRANTIES

The Owner shall receive and be beneficiary of all OEM warranties. The Vendor shall warranty the equipment to be free from defects in workmanship and material under normal use and service for a period of one year. The warranty period begins the date the trailer is delivered and accepted by the Owner.

PERFORMANCE TESTING

Performance testing will be conducted at the South Valley Water Reclamation Facility site located at 7495 South 1300 West, West Jordan City, Utah. Performance testing shall be performed with an empty trailer and should last no longer than 1 hour.

OPERATOR AND MAINTENANCE TRAINING

The Vendor shall provide training to the Owner’s equipment operators and maintenance personnel. Training shall include:

- Pre-operational equipment check
- Safe and proper equipment operation
- Post operational equipment check
- Equipment maintenance and lubrication

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