



PROPOSAL NO. AMP25-017 Rev G

## PROPOSAL

**PROJECT NAME:** Dickinson, ND Spiral blade clarifier parts

**ENGINEER:** City of Dickinson

**SPECIFICATION NO:** NA

**PROPOSAL DATE:** July 31, 2025

**BID DATE:** NA

**EQUIPMENT:** Two (80) ' Diameter Spiral Blade clarifier parts

**ClearStream Environmental**  
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## MECHANICAL DESCRIPTION

Two sets of (80) ' diameter mechanism parts designed for installation in the existing concrete tanks. Each mechanism shall consist of the following equipment:

- Two (2) Full radius rake arm trusses with spiral blades tapering from the outside to the inside of the rake arms complete with stainless steel squeegees.
- Two (2) Skimmer assemblies to include scum deflector blades, and 4' wide hinged skimmer w/ neoprene wipers.
- One (1) Center Drive Cage that connects the existing drive unit to the two rake arms
- Influent Dispersion Well (IDW) 6'-6" diameter x 2'-6" deep with multiple tangential outlet ports, plated with 3/16" steel shall be supported from the drive cage.
- One (1) Feedwell, 18'-0" diameter 5'-0" deep, plated with 3/16" steel shall be supported from the drive cage.
- One (1) Full radius scum box with wall supports, Fernco coupling, and scum flushing valve.
- One (1) Structural steel Influent/Support Column, 24" diameter x 1/4" wall thickness.
- One (1) Access Bridge and Center Platform frame that will accommodate the existing handrail and grating, some minor modifications needed during installation.
- 316SS Anchor Bolts with adhesive
- 316SS Fasteners.
- Coating: For Carbon steel constructed Bridge and Center platform frame only
  - Surface Preparation:
    - Non-Immersion Service: SSPC-SP6 (commercial blast)
    - Immersion Service: SSPC-SP10 (near white blast)
  - Coating:
    - Non-Immersion Service: High Build Epoxy Primer coat.
    - Immersion Service: High Build Epoxy Primer coat.

## INSTALLATION DESCRIPTION

### Optional Turnkey Field Installation Service

Field installation of Two (2) replacement mechanism in existing 80' dia. secondary Clarifiers. The following describes a detailed scope of field services provided:

- Installation includes:
  - Removal of existing Dome
  - Removal of existing bridge and platform
  - Disconnect Cage from existing Drive unit
  - Removal of existing Drive unit
  - Removal of the Feedwell from the existing drive cage
  - Demolition of the existing mechanism
  - Removal of the existing mechanism
  - Removal of the existing center column
  - Removal of the existing anchor bolts

- Installation of the new center column
- Leveling of the new center column
- Field assembly of the new mechanism
- Fit the new Drive Cage around the Center Column
- Fit the new Feedwell onto the new Drive Cage
- Connect the new Rake Arms to the new Drive Cage
- Set existing Drive unit to new Column
- Weight balances the Rake Arms
- Attach new Drive Cage to existing Drive unit
- Precision level Drive unit
- Install new bridge and center platform with existing handrail and grating
- Installation requirements
  - Adequate lay down area for new equipment
  - Dumpster and haul away service provided by others during demolition
  - Weekday 600am to 600pm work permit
  - Weekend 600am to 600pm work permit as needed
  - Tanks should be drained and cleaned one (1) day prior to installation team arrives onsite
  - Any additional work that is required but not specified in this proposal, will be billed at \$15,000/day with crane service included

## **FIELD SERVICE:**

Field service shall consist of (1) trips for a total of up to (2) days for mechanism pre-engineering measurement.

## **LIMITS AND EXCEPTIONS:**

Proposal and pricing does not include:

- Installation of tanks, instrumentation, and control valves, etc.
- Electrical Interconnection Diagrams or Electrical Control Panel, unless called out in the proposal.
- Field coating of tanks and mechanisms.
- Field wiring of electrical or instrumentation,
- Civil work including excavation, foundations, sidewalks, roads, curb and gutters or gravel surrounding the mechanism, platforms or buildings.

## PRICING

Pricing for the described equipment is as follows. The prices quoted do not include sales, excise, or other similar taxes. All associated taxes shall be paid by the Purchaser or, in lieu thereof, Purchaser shall provide ClearStream Environmental with a tax exemption certificate acceptable to the taxing authorities. If ClearStream Environmental is required to pay such taxes, a service fee of 10% of the tax amount will be charged to the Purchaser.

	Pricing	Material of Construction
<b>Option 0 Two (2) 80' Diameter Clarifiers spiral blade rake arms and scum deflectors</b>	<b>\$330,156</b>	<b>304 Stainless Steel</b>
<b>Option 1 Two (2) Center cages</b>	<b>\$41,994</b>	<b>304 Stainless Steel</b>
<b>Option 2 Two (2) Influent Dispersion Wells (IDW)</b>	<b>\$39,181</b>	<b>304 Stainless Steel</b>
<b>Option 3 Two (2) Feedwells</b>	<b>\$114,017</b>	<b>304 Stainless Steel</b>
<b>Option 4 Two (2) Scum boxes</b>	<b>\$33,153</b>	<b>304 Stainless Steel</b>
<b>Option 5 Two (2) Center Columns</b>	<b>\$59,638</b>	<b>304 Stainless Steel</b>
<b>Option 6 Two (2) Bridge walkways painted carbon steel, no gratings or handrails</b>	<b>\$64,932</b>	<b>Painted Carbon Steel</b>
<b>Option 7 Turnkey installation service for all options 0,1,2,3,4,5,6 (Two tanks)</b>	<b>\$236,061</b>	<b>NA</b>
<b>Grand Total</b>	<b>\$919,132</b>	

Shipping is included with full freight allowed to the job site. It is the responsibility of the contractor to check all components at receiving and issue all claims for damage or missing parts due to transport within 48 hours of receipt of equipment.

Additional Field Service for start-up and training is billed at \$2,100 per day plus customary expenses. Travel days are billed at the daily rate. Four-week advance notice is required for field service coordination and scheduling. Any costs associated with less notice will be added to the contract price.

Schedule:

Submittal Drawing Schedule:	8 weeks after acceptance of PO
Owner Review	1 week
Standard Delivery	17 weeks for the first tank, 20 weeks for the second after receipt of Approved Submittals

Payment Terms and Conditions:

10%	Upon receipt of Purchase order
40 %	Upon review of drawings
45%	Upon delivery of mechanisms
5%	Upon completion of installation of the mechanisms

Terms are net 45 from billing. Late payment penalty is applied at 1.5% per month plus a monthly \$50 billing fee.

Pricing is based on acceptance of these payment terms. Any modifications to these terms may result in a price increase.

Items that are not specifically stated in the above proposal are not included.

## STANDARD TERMS AND CONDITIONS

**PRICE CONDITIONS:** The price quoted herein shall remain in effect for a period of thirty (30) days of proposal date.

**DELIVERY:** Delivery of the equipment quoted hereunder shall be made F.O.B. factory with full freight allowed unless noted otherwise. Shipping dates are approximate and are based upon receipt of all necessary information. ClearStream shall not be liable for damages caused by delays due to strikes, riot, warfare, act of God, accidents or other contingences beyond reasonable control of ClearStream.

**DAMAGES:** ClearStream Environmental shall in no event be liable for anticipated profits or consequential damages on the part of the owner/purchaser.

**TERMS OF PAYMENT:** ClearStream Environmental shall invoice as stated in the Payment section of this proposal. Payment is due, unless otherwise stated, net thirty (30) days.

**TAXES:** If the project is tax exempt, Purchaser is responsible to provide tax exempt documentation. If the project is not tax exempt, it is the responsibility of the Purchaser to pay all taxes associated with the equipment purchase. ClearStream Environmental does not process local or state taxes unless legally required to do so. If ClearStream must process taxes via the equipment contract, Purchaser is responsible to correctly calculate the amount. Taxes then will be billed as a separate line item on the final invoice with a 10% service fee.

**WARRANTY:** ClearStream Environmental shall warrant the equipment for one (1) year against defects in workmanship or material and reserve the right to repair or replace the defective parts. Equipment not manufactured by ClearStream Environmental shall carry the warranty of the manufacture thereof. ClearStream Environmental makes not warranties, expressed or implied, other than as herein expressed.

**TITLE:** Title to the equipment sold hereunder shall remain in the possession of ClearStream Environmental until the purchase price is paid in full. The purchaser shall do all acts necessary to protect and maintain the equipment until title is exchanged.

**CANCELLATION:** All order cancellations are subject to the following;  
12% of contract amount if cancelled after issuance of order, or Letter of Intent.  
18% of contract amount if cancelled after Submittal Drawings have been issued.  
22% of contract amount if cancelled after receipt of Approved Drawings.  
Once the project is sent for fabrication and manufacturing, the cancellation charge will be 26% of contract amount plus the cost of procured materials, labor, and 18% overhead on those items.  
Once in fabrication, cancellation charge will be full contract amount.

BACKCHARGES: Unless stated otherwise, in writing, by ClearStream, any deviation from this policy will result in ClearStream declining any and all submitted back charges or change order requests.

1) Missing / damaged equipment: Upon arrival of material on-site, any hardware determined to be missing or damaged, must be identified, documented, and written notification be given to ClearStream within two business days of the truck arrival. Damaged equipment must be identified and photographed prior to off-loading the delivery truck. If notification is not received within this time-frame, ClearStream will not accept responsibility to repair or replace the equipment in question. Issues regarding coating damage are covered in note 3 below.

2) Non-conforming equipment: If a component or sub-assembly is found to be incorrect (design mistake, fabrication error, field damage, etc.), ClearStream must be notified as soon as possible, and the issue discussed with the appropriate project manager. Following an initial investigation and discussion, a ClearStream change order approval form must be filled out and submitted to ClearStream. The completed form must describe the issue, proposed resolution, and a not-to-exceed amount for the rework, repair, or replacement of the item in question. Once this form is completed, and the price is agreed to by an authorized ClearStream representative, written approval will be granted to complete the work. Once a change order approval form is completed and accepted, the amount noted in the form is the final agreed to charge for the issue noted.

3) Coatings: Any damage to the factory coatings applied to ClearStream supplied equipment must be noted and documented (photographs, identifications of locations and extent of damage, etc.) at the point of delivery prior to off-loading the shipment. Written notification to ClearStream must be received within two business days, with supporting documentation. Any damage that occurs to the coating during storage or installation (nicks, scratches, etc.) is considered normal installation handling damage, and should be touched up after assembly per the coating manufacturer's procedures. ClearStream will not accept any warranty claims or back charges related to touch up due to incidental handling issues. If coating repair is required for any equipment modification authorized by ClearStream, the cost of this activity must be included in the change order not-to-exceed authorization form (See Note 2 above). Other instructions and recommendations regarding coatings systems are included in the O&M manual for reference.

4) Site visit by ClearStream personnel: If a field problem is encountered, and a visit by a ClearStream representative is required, a Purchase Order to ClearStream with a not-to-exceed amount for the trip must be issued. If the field investigation reveals that the issue is indeed ClearStream's responsibility, the Purchase Order will be cancelled, and ClearStream will assume financial responsibility for the cost of the site visit.

Any modifications, changes, alterations, etc. to the equipment without the express written consent of ClearStream will void the company warranty related to the supplied equipment.

## ACCEPTED BY

Name \_\_\_\_\_

Title \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_