

**BID SPECIFICATIONS  
FOR  
REMOVAL, DEWATERING AND DISPSOAL  
OF PFAS CONTAMINATED BIOSOLIDS  
AND WASTEWATER**

**AT**

**THE K.I. SAWYER  
WASTEWATER TREATMENT  
FACILITY**

**1080 M94  
GWINN, MI 49841**

**MAY 16, 2022**

**Prepared by:  
County of Marquette,  
K.I. Sawyer Water/Wastewater Department  
125 G Avenue  
Gwinn, Michigan 49841**

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**REQUEST FOR PROPOSAL –  
FOR  
K.I. SAWYER WWTP BIOSOLIDS REMOVAL**

**1. Project Site Location**

K.I. Sawyer Wastewater Treatment Facility  
1080 M94  
Gwinn, MI 49841  
46°20'03.9"N 87°22'41.2"W

**2. Owner Information**

County of Marquette,  
K.I. Sawyer Water/Wastewater Department  
125 G Avenue  
Gwinn, Michigan 49841

**3. Contact Information**

The sole point of contact for this RFP is:

Nicholas Hautamaki  
Water/Wastewater Supervisor  
K.I. Sawyer Water/Wastewater Department  
906-346-9403  
[nhautamaki@mqtco.org](mailto:nhautamaki@mqtco.org)

**4. Site Information & Background**

The County of Marquette (County), K.I. Sawyer Wastewater Treatment Plant (WWTP), is seeking a request for proposals (RFP) from firms for biosolids removal and disposal. The WWTP is storing Per- and Poly- Fluoroalkyl Substances (PFAS)-contaminated biosolids in two sludge storage tanks, an aerobic digester, and an industrial pretreatment lagoon. There is also PFAS contaminated water/sludge in a final clarifier that will require removal. The WWTP has historically land applied Class B biosolids; however, these PFAS-impacted biosolids cannot be land applied. These structures have been temporarily isolated from the WWTP's processes.

The sources of PFAS contamination have been identified to minimize contamination of newly generated biosolids. An existing on-site storage tank has been utilized to temporarily store newly generated biosolids prior to Land Application. Newly generated biosolids are not part of this scope.

The County desires to remove and dispose of the PFAS-impacted biosolids, sludge and water from the two sludge storage tanks, aerobic digester, industrial lagoon, and final clarifier in order

to place all five structures back into service. The requested services for the subject bid will include the following general tasks:

- Securing all permits and providing all notices as required by local, state and federal rules and laws.
- Site preparation
- Performance of the Scope of Work detailed in Section 5
- Restoration of disturbed areas resulting from project work to pre-work condition.
- Removal upon project completion of all contractor project appurtenances including but not limited to: equipment, materials, debris, and garbage.

All work described in these Specifications will be coordinated through and performed under the supervision of Marquette County.

This RFP is requesting costs to remove and dispose of approximately 2.4 million gallons of PFAS impacted biosolids, water and sludges located in the two (2) 750,000-gallon sludge storage tanks, the industrial pretreatment lagoon containing approximately 750,000 gallons of water, sand, and biosolids, aerobic digester containing approximately 72,000 gallons of biosolids and approximately 45,000 gallons of water and sludge in a final clarifier. Any method of dewatering and disposal will be considered but must be environmentally acceptable and verifiable through an approved laboratory.

Approximate Volumes and PFAS levels of PFAS Holding Tanks					
Location	North Sludge Storage	South Sludge Storage	South Aerated Digester	South Final Clarifier	Industrial Lagoon
Volume (gal)	700,000	700,000	72,000	45,000	870,000
% Solids	6% Estimated	6% Estimated	2% Estimated	Less than 1%	6% Estimated
Dry Tons	175	175	6	2	217
PFOS Levels	3600 ng/g (Dry Weight)	440 ng/g (Dry Weight)	230 ng/g (Dry Weight)	655 ng/L (as a liquid)	909 ng/L (liquids) 323 ng/g (solids)

**HEALTH & SAFETY - Hazardous and Non-Hazardous Materials**

All work shall conform to applicable laws including, but not limited to the Occupational Safety and Health Administration (OSHA) standards 29 CFR Parts 1910 and 1926. Constructor onsite personnel shall be properly trained in the handling of contaminated and hazardous waste (HAZWOPER). The Contractor shall provide Owner a complete health and safety plan (HASP),

which covers all work conducted by the contractor and its subcontractors. The HASP shall be provided to the Owner or its representative prior to initiation of any site activity.

The Contractor shall provide for the health and safety of all its employees as well as its subcontractor employees. The Contractor shall provide all safety measures necessary to protect any person who may approach site activities throughout the course of the work in accordance with applicable OSHA standards.

Any other potentially hazardous or contaminated materials which are discovered during site work shall immediately be brought to the attention of the Owner.

The Contractor shall obtain all licenses, permits, certifications, receipts, etc., and conduct all transportation and disposal work associated with the project in accordance with all local, State and Federal laws, regulations, codes and ordinances. Health and safety regulations relating to the transportation and disposal of wastes shall be complied with at all times.

## **5. Scope of Work**

The scope of services includes the tasks described below:

- A. Remove, stage, and dewater all biosolids, sludges, and sand from the two sludge storage tanks, aerobic digester, final clarifier, and the industrial pretreatment lagoon.
  - a. The Contractor shall provide unit cost per gallon to remove and dewater the biosolids from the two sludge tanks, aerobic digester, final clarifier, and industrial lagoon. Contractor shall include in its per unit cost all labor needed to complete the tasks required. Contractor shall also include costs for the mobilization and use of all necessary equipment to fully complete the removal process including dewatering equipment (i.e., belt, screw press, or centrifuge dewatering.)
  - b. As much as 1/4<sup>th</sup> of the total Industrial Pretreatment Lagoon volume may contain sand, which may need to be removed using excavation equipment.
  - c. While the final clarifier water level is below the water table, groundwater pressure relief valves open and let in approximately 30,000 gallons of PFAS contaminated groundwater per day. The longer it takes to clean this tank, the more gallons there will be to treat.
  - d. The aerobic digester may be pumped to one of the sludge storage tanks as those tanks are getting processed, K.I. Sawyer WWTP staff may perform the pumping and washdown of this tank as to be determined by preference of the Contractor.
  - e. The dewatering process shall provide a level of dewatering from the current 5-6% solids to a minimum of 22% or greater and be suitable for transport to and acceptance at the disposal facility.
  - f. Contractor shall provide, the secondary containment for the staging area to prevent PFAS- contaminated biosolids from releasing into the environment. Stage, as necessary, dewatered biosolids pending transportation and disposal to an

approved disposal facility. Contractor shall remove, clean and/or dispose of the secondary containment upon project completion.

- B. Load and transport dewatered biosolids to an USEPA/EGLE-approved and licensed disposal facility.
- a. The Contractor shall provide a unit cost per ton for the staging, loading and transportation of dewatered biosolids to the selected licensed disposal facility.
  - b. The dewatered biosolids shall be transported offsite by truck or by rail as necessary to the disposal facility accepting the PFAS-contaminated material. The method of transportation to haul the dewatered biosolids off site for disposal shall be identified in the contractors bid.
  - c. For the purpose of this Bid Request, it is assumed that 575 tons of biosolids and sludges (including sand in the bottom of the industrial lagoon) will be transported from the site to the disposal facility. The Contractor shall invoice and be compensated only the actual amount as determined by certified scales at the disposal facility and documented on landfill generated weight tickets or trip receipts and manifests. The Owner reserves and shall have the right to make such alterations in the work and landfill material quantities as may be necessary or desirable to complete the work as originally intended. The bid unit pricing will be honored for actual quantities  $\pm 50\%$  of the corresponding original bid quantity. Changes in quantity outside of this range may be subject to contract change order.
  - d. The Contractor shall provide owner or owner's representative with all forms, manifests, etc. for owner's signature and provide copies of all trip tickets and manifests to owner for billing documentation at the beginning of each workday for the previous workday's loads.
  - e. The Contractor shall be responsible for transporting the waste in accordance with all local, state, and federal requirements. The Contractor shall be responsible for determining when each individual truck/transport vessel is full. The Contractor shall insure that each load is secure, within weight limits, and does not contain any free liquids that would spill during transport or result in rejection at the disposal facility. Any fines, fees, and/or penalties related to the above shall be paid by the Contractor at their expense.
- C. Dispose of dewatered biosolids in an USEPA/EGLE-licensed disposal facility approved by the Owner.
- a. The Contractor shall provide written documentation from the disposal facility that the biosolids material is acceptable and the disposal facility is properly licensed and permitted to accept the material.
  - b. The Contractor will provide a unit cost per ton for disposal of the biosolids. The proposed receiving disposal facility shall be in compliance with all local, state, and federal regulations pertaining to disposal of the PFAS-containing biosolids.

- i. For this RFP, it is estimated that 575 tons of biosolids will be disposed of. The actual total may be more or less than the estimated 575 tons. The Contractor shall invoice and be compensated only the actual amount as determined by certified scales at the landfill/disposal facility and documented on landfill-generated weight tickets. The associated manifest number shall be noted on the corresponding landfill weight ticket.
        - ii. Contractor shall include in its unit price, costs for disposal of filtered sediment and spent filters/bags from the filtrate liquid prior to the treatment system (see Section D(c)).
      - c. The Contractor shall present copies of all landfill/disposal facility trip tickets to owner for billing documentation at the beginning of each workday for the previous workday's loads.
      - d. The Contractor will be responsible for selecting the disposal facility and obtaining disposal approval including collecting and analysis of representative biosolid samples. The Contractor will be responsible for collecting and analyzing intermittent samples that the disposal facility may require during the work.
- D. Contractor shall provide and operate an approved and proven treatment system to remove the PFAS compounds from all wastewaters generated by biosolids dewatering process, including sludge storage tank, aerobic digester, final clarifier, and industrial pretreatment lagoon wash water (see Section E(a)(i)).
  - a. The Contractor shall provide costs to mobilize, construct, operate, maintain, deconstruct, and demobilize a wastewater treatment system capable of removing PFAS compounds to levels acceptable to the WWTP (see Section B(a)(v)).
    - i. For purposes of this RFP assume that the treatment system is composed of at least two (2) – 1000-pound canisters of activated carbon connected in series. Cost shall include all carbon treatment system appurtenances including, but not limited to, pumps, sediment filtration, piping, valves, sample ports, and secondary containment.
    - ii. Cost shall include initial carbon supply. Activated carbon shall be of certified new or certified regenerated (containing no PFAS or other organic compounds) carbon. The carbon supply selected shall have been proven to effectively removed PFAS compounds from wastewater. The Contractor shall specify in their bid the source of the carbon and documentation of its PFAS removal effectiveness.
    - iii. Cost and initial wastewater treatment sample collection (treatment system influent, intermediate, and effluent).
  - b. Operate the wastewater treatment system, including all labor, equipment, and material (exclusive of carbon change outs)
    - i. Cost shall include per day of operation and include all labor and materials, including carbon change out and disposal. The contractor shall include costs for collecting influent, intermediate, and effluent samples from the treatment

system during the operational period. Contractor shall submit the samples to the WWTP for analyses. Cost of the analyses will be the Owner's responsibility.

- ii. The Contractor shall provide a temporary connection to transfer treated wastewater to the WWTP oil/water separator tanks. This includes all labor, material, and equipment costs to provide, install, maintained (leak detection, repair, freeze prevention, etc.), and remove and/or dispose of this temporary connection.
  - c. Contractor shall provide costs for four (4) 1000-pound carbon change outs. Include cost for delivery, waste characterization, waste approvals, loading, transportation and disposal or regeneration of spent carbon.
    - i. Pre-filtered sediment and spent filters/bags may be disposed of with the biosolids. Contractor shall arrange for disposal approval of filtered sediment and spent filters/bags with the biosolids disposal facility.
  - d. Provide costs for five (5) 20,000-gallon frac tanks to temporarily store untreated and/or treated wastewater.
    - i. Bids assume that up to 5 frac tanks may be provided on a given day, for 90 days.
    - ii. Costs shall include delivery, cleaning, transportation, treatment and disposal of cleaning liquids and solids, and removal from site.
      - 1. Treated wastewater must be tested in batches prior to discharge to the WWTP during the entire project to assure levels are at 12 ppt or below for PFOS and 12,000 ppt for PFOA.
      - 2. Verification sampling and analysis of treated wastewater will be performed by K.I. Sawyer WWTP staff with 4-6-day laboratory turnaround time including 1 day for shipment. Wastewater that has been verified by K.I. Sawyer to meet discharge standards may be transferred to one of four 30,000-gallon onsite oil/water separator tanks at WWTP discretion. Cost to transfer wastewater shall be included.
- E. Clean and epoxy seal the two sludge storage tanks and the industrial pretreatment lagoon.
- a. Once the biosolids are removed from the sludge storage tanks and industrial lagoon, each must be completely cleaned, power washed, and coated with an epoxy coating to seal the concrete to prevent any residual PFAS entrained in the structures from leaching out of the concrete surfaces.
    - i. The epoxy coating must be of a quality and specification capable of withstanding continued exposure to exterior elements and extreme temperature variations from -40° F thru 120° F.
    - ii. Contract shall describe the cleaning and coating process in the bid document.
    - iii. The water used to clean the storage tanks, industrial lagoon, transport vehicles and any resulting solids must be treated to remove PFAS prior to



disposing of the liquids back into the WWTP to avoid contamination of future biosolids. This wastewater shall be transferred to one of the 20,000-gallon frac tanks (see Paragraph D(d)) for treatment through the carbon treatment system covered in Paragraph D.

- F. Decontaminate Personnel and Equipment -Contractor shall decontaminate site personnel and equipment and dispose of personal protective equipment where necessary.
- G. Site Restoration - The Contractor shall prepare, maintain, and return to in-like condition (acceptable to owner) the specified areas that receive and stage the dewatering and treatment system and all its components including but not limited to tanks, piping, and pumps.
- H. Alternate methods of clean up and disposal will be considered, but must be approved by K.I. Sawyer WWTP, and verifiable through sample analysis by an approved laboratory. Alternate methods may be attached to the Contractor's bid, but Contractor must complete the bid form in accordance with the methodologies and specification of this RFP.

## **6. Schedule of Events**

June 17, 2022	RFP issued to Vendors
June 29, 2022	Mandatory Pre-bid Meeting
July 6, 2022	Questions from Vendors due (written and submitted via email only to <a href="mailto:nhautamaki@mgtco.org">nhautamaki@mgtco.org</a> )
July 11 2022	Addendum will be issued on or prior to this date to address Questions from Vendors (if needed) (All addenda will be posted on the Marquette County website)
July 15, 2022	Proposal and Bid Due Date (by 10:00 am EST; bid opening immediately after)

Responses received after the deadline cannot be considered and if mailed, will be returned unopened. The County is not responsible for delays occasioned by the US Postal Service, the internal mail delivery system of the county, or any other delivery method employed by the Contractor.

## **7. Pre-Bid Meeting**

A mandatory pre-bid meeting will be held at the property on June 29, 2022, at 12:00 PM EST, at which time access to all areas of the project site will be provided and questions answered. Appropriate personal protective equipment (PPE) (i.e., hard hat and safety boots/shoes) will be required for access to the site.

## **8. Examination and Availability of Documents and Site**

Complete digital project bidding documents are available at: <https://www.co.marquette.mi.us>. Those wishing to download the bidding documents electronically do so at their own risk for completeness of the bidding documents.

Technical questions shall be emailed to:

Nicholas Hautamaki  
K.I. Sawyer Water/Wastewater Department  
906-346-9403  
[nhautamaki@mgtco.org](mailto:nhautamaki@mgtco.org).

## **9. Type of Contract**

The Contractor shall execute a contract with Marquette County, Michigan for the price per bid line item on the attached Bid Form (refer to Appendix F for a copy).

## **10. Bid Submittal, Receipt, and Acceptance of Proposal**

Bids must be in accordance with this RFP document and bid specifications including, all attachments. Bidder is responsible for reviewing these documents, investigating applicable

regulatory requirements pertinent to the proposed work, and inspecting the site. Bids shall include all costs incurred in complying with the requirements of this RFP and Bid Specification document, applicable regulatory requirements, and in addressing all site conditions and constraints. Items and specifications that are necessary to complete the requested services, but may have been omitted from this project manual, should be included by the bidder.

Bidder must respond to all the data requested. Failure to provide all the data required may result in rejection of their Bid.

Bid Due Date: 10:00 AM EST, July 15, 2022

Submission: Submit three complete sets of documents in a sealed envelope, which identifies the proponent and states "K.I. Sawyer WWTP Biosolids Disposal".

Method of Submittal: By mail or delivery in person to:

Airport Services Center  
125 G Avenue,  
Gwinn, Michigan 49841.

Items and specifications that are necessary to complete the requested services but may have been omitted from this RFP should not be included by the bidder on the bid form. The bidder may, however, include other lump sum or unit costs that the bidder deems necessary to complete the project. Alternative methods will be considered and evaluated and should be adequately explained and detailed in Contractor's bid.

Discrepancies between the indicated sum of any column of numerals and the correct sum, or between the indicated multiple of a unit price and the correct multiple, will be resolved in favor of the correct sum or multiple.

The County of Marquette, Michigan reserves the right to reject any and all proposals and to waive informalities therein to determine which is the most acceptable bid and to negotiate contract terms with the apparent Contractor. Bids will be evaluated on the basis of quoted cost, number of days necessary to complete the work, as well as other financial and performance criteria of the Bidder.

It is expected that bid selection/contract will be awarded on/or before August 5, 2022. It is recommended that the bidder provide contact information and be responsive to any questions regarding their bid that may arise between the Bid Submittal and the Bid Award dates.

This completed bid package along with all attachments and addendums will represent the entire agreement and contract between the Owner and the selected contractor. Final award of a contract will be predicated on finalization of a complete contract with Marquette County.

### **11. Work Schedule**

The Contractor shall commence the work as soon as practical once the contract is awarded. All work activities shall be completed by November 1, 2022. The project start date will be determined by Marquette County and is expected to be in August, 2022.

If the Contractor is delayed at any time in progress of the work by changes ordered in the work, fire, abnormal or adverse weather conditions not reasonably anticipatable, or by other causes which Marquette County determines may justify the delay, then the contract time shall be extended for such reasonable time as the Owner may determine.

It is desired that work commence as soon as possible and continue without interruption until the project is complete. All work must be completed within 90 calendar days of Contract Award.

### **12. Insurance**

Bidders must be able to meet the County of Marquette's insurance standards as set forth in the attached description of required coverage. The Contractor and each subcontractor shall provide at its own cost any additional insurance which is required by law or which it considers necessary to conduct the requested services.

### **13. Performance and Labor and Material Bonds**

Performance and Labor and Materials Payment Bonds will be required for this project, and your preliminary bid should include costs for Performance Bonds and Labor and Material Payment Bonds at one hundred percent (100%) of the Base Contract amount. Contractor should include the cost of the Performance and Labor and Materials Bonds as a separate line item in their bid.

### **14. Project Requirements**

1. All work shall be accomplished in accordance with all applicable federal, state, and local codes.
2. The Contractor shall be responsible to pay current Davis Bacon wages on the project and submit certified payrolls to the County Operations Manager.
3. The Contractor shall be responsible to acquire all permits required for the project.
4. Workmanship and materials to be warranted for one year from project completion.
5. Successful bidder shall execute a contract with County of Marquette that conforms to the requirements set forth herein.
6. Successful bidder shall supply a payment bond in an amount not less than the total amount of the successful bid.

7. Successful bidder shall supply a performance bond in an amount not less than the total amount of the successful bid.
8. A copy of the chosen bidder's Health and Safety Plan shall be submitted to Owner after contract award and prior to conducting any site work.

Only the items on the proposal form shall be the designated pay items. Bidders shall include all mobilization/demobilization, labor, equipment, materials, testing, travel, and reproductions etc. under each appropriate bid item.

Conditional proposals will not be accepted.

### **15. Attachments**

The following attachments are incorporated into this RFP:

1. County of Marquette's insurance coverage standards

### **16. Form of Response**

1. Verifiable experience on projects of similar size and scope.
2. Proof of ability to meet County of Marquette professional liability insurance requirements.
3. Proposal response form (pgs. 14 thru 17) with a total not-to-exceed bid price for providing the labor and materials described in this RFP.

Price must be firm for sixty (60) calendar days.

### **17. Payments to Contractor**

Invoices may be submitted biweekly. Retainage shall be 10 % until project completion. Owner may reduce retainage if completed work and schedule is satisfactory. Invoices should follow proposal format.

### **18. Selection**

The County of Marquette will award the work to the firm having the combination of price, qualifications, experience, and scheduling most advantageous to the County. The County reserves the right to reject any or all proposals and to wave irregularities in the proposals.

The bidder shall submit their proposal on the forms furnished by the Owner. The bidder shall state the price (written in ink or typed) both in words and numerals which they propose for each pay item furnished in the proposal. In case of conflict between words and numerals, the words, unless obviously incorrect, shall govern.

The bidder shall correctly sign the proposal in ink. If the proposal is made by an individual, their name and post office address must be shown. If made by a partnership, the name and post office

address of each member of the partnership must be shown. If made by a corporation, the person signing the proposal shall give the name of the state where the corporation was chartered and the name, titles, and business address of the president, secretary, and the treasurer. Anyone signing a proposal as an agent shall file evidence of their authority to do so and that the signature is binding upon the firm or corporation. The BIDDER acknowledges receipt of addenda issued in respect of foregoing project, and being numbered:

Addendum # \_\_\_\_ Date \_\_\_\_\_

Addendum # \_\_\_\_ Date \_\_\_\_\_

Addendum # \_\_\_\_ Date \_\_\_\_\_

Addendum # \_\_\_\_ Date \_\_\_\_\_

**19. Submittals**

The following documents must be submitted with the bids:

- Completed Bid Form
- Statement of Qualifications
- Bid Bond
- Surety Bond

## **20. Statement of Qualifications**

**Contractor shall provide a Statement of Qualifications for contractor and all subcontractors inclusive of the following information**

1. Contractor's Name and Address: \_\_\_\_\_  
\_\_\_\_\_
2. Experience Modification Rate (EMR) Number    2020 \_\_\_\_\_ 2021 \_\_\_\_\_ 2022 \_\_\_\_\_
3. Standard Bonding Capacity: \_\_\_\_\_
4. Maximum Bonding Capacity \_\_\_\_\_
5. General Liability – Standard Insurance Limit: \_\_\_\_\_
6. General Liability – Maximum Insurance Limit: \_\_\_\_\_
7. Standard Auto – Standard Insurance Limit: \_\_\_\_\_
8. Standard Auto – Maximum Insurance Limit: \_\_\_\_\_
9. Contractor's Pollution Liability – Maximum Insurance Limit \_\_\_\_\_
10. Contractor shall provide a copy of licenses and permits that are necessary to conduct all portions of the requested services.
11. Contractor shall provide a list of trained personnel and documentation of the following certifications for each employee that will conduct work on the site:
  - a. 40-hour training under OSHA 29 CFR 1910.120
  - b. Current refresher training under OSHA 29 CFR 1910.120
  - c. Site Supervisor Training under OSHA 29 CFR 1910.120
  - d. Lead Awareness Training (as necessary)
  - e. Confined Space Entry Training (as necessary)
  - f. Medical Monitoring and Respirator Fit Testing (as necessary)
12. Contractor shall provide a list of at least four recently completed projects similar in nature and complexity to this project. The list shall include references and contact information who can verify relative work experience.
13. Contractor shall provide a list of any work-related violation or citation for the last three years.
14. The Contractor shall note and provide an explanation regarding any material litigation, administrative proceedings and/or bankruptcy currently pending or within the last 10 years.

**21. Bid Form**

Bidder’s Representations and Acceptance of Contract Conditions

The undersigned bidder, having read and examined this entire Bid Specification Package dated **June 17, 2022** and any and all other documents related to the project including the following attachments and/or addendums:

<u>Attachment/Addendum No.</u>	<u>Date</u>
Other: _____	_____
Other: _____	_____

hereby proposes to complete everything required to be performed in strict conformity with the requirements of this Bid Specification Document, including but not limited to all local, state, and federal rules and laws and to provide and furnish all equipment, labor, and materials necessary to complete in a professional manner all required services as set forth herein for the cost as stated below. The bidder is familiar with and is satisfied as to all laws and regulations that may affect cost, progress, and performance of the Work.

The bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bid Specification Package.

The Bid Specification Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.

The undersigned bidder hereby declares that the following list includes any and all subcontractors that are incorporated in the performance of the work and that the work will be performed by the subcontractor in strict accordance with the requirements stated herein.

<b>Subcontractor Name</b>	<b>Address</b>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____



**K.I. Sawyer WWTP Biosolids Removal  
Bid Sheet**

Item	Quantity	Units	Unit Cost	Extended Cost
<b>A. Remove, Stage, and Dewater Biosolids</b>	2,400,000	Gallons	\$	\$
<b>B. Load and Transport Dewatered Biosolids to Disposal Facility</b>	575	Tons	\$	\$
<b>C. Dispose of Dewatered Biosolids</b>	575	Tons	\$	\$
<b>D. Treatment and disposal of wastewater</b>				
a. Mobilization, staging area, set-up, initial carbon supply, initial sample collection, demobilization	1	Lump Sum		\$
b. Treatment system operation – labor, equipment, and materials (excluding carbon)	Days	90	\$	\$
c. Carbon changeouts	Canister	4	\$	\$
d. Provide up to five (5) 20,000-gallon frac tanks to store treated/untreated wastewater*	*450 equivalent tank days	Per tank day	\$	\$
<b>E. Clean and epoxy-seal two sludge storage tanks and the industrial pretreatment lagoon</b>	1	Lump Sum		\$
<b>F. Personnel and Equipment Decontamination – Include all labor, materials, and equipment to decon-taminate personnel and equipment</b>	1	Lump Sum		\$
<b>G. Site Restoration- Restore site to in-like condition...Include cleaning</b>	1	Lump Sum		\$
<b>H. Alternate methods may be attached to the contractor’s bid, but contractor must complete the bid form in accordance with the methodologies and specification of this RFP.</b>	1	Attach separate document that presents alternatives.		

Bid Not-to-Exceed Total		--	--	\$
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**K.I. Sawyer WWTP Biosolids Removal  
Bid Sheet – Continued**

- Length of the project may be more or less than 90 days. Project shall be completed within 120 calendar days from Notice to Proceed.
- The bid unit pricing will be honored for actual quantities  $\pm 50\%$  of the corresponding original bid quantity.
- \* Based on up to 5 frac tanks provided per given day, for 90 days

All lump sum and/or unit costs provided above shall remain in effect until satisfactory completion of the project. Written Change Orders will only be authorized by the Oversight Consultant, with approval of the Owner and shall be requested prior to implementation of any additional service that must be conducted to accomplish the requested services. Change Orders will only be authorized for conditions that would have not been reasonably expected to have been encountered. Bidder accepts all of the Terms and Conditions of this Bid Specifications Document and the attached Project Services Agreement. If awarded, the Bid Specifications Package and all associated documents including the Project Services Agreement will be executed as the contract.

It is anticipated that a Bid selection/contract will be awarded on/or before August 5, 2022. The undersigned will commence filing required notices, permits, etc. immediately once the contract is awarded and all work activities shall be completed on/or before 120 calendar days from Notice to Proceed, unless an alternate schedule is approved by the Owner.

I hereby state that I have authority to submit this Proposal on behalf of the undersigned.

**This Bid is Presented By:**

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Authorized By [Printed Name/Title]

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Phone

\_\_\_\_\_  
Email

**This Bid is Accepted By:**

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Authorized By [Printed Name/Title]

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date