# AMENDMENT FOR

ENGINEERING SERVICES WITH FUNDING SOURCE: PROJECT NUMBER

<u>Jacobs Engineering Group Inc.</u> <u>CWSRF</u> <u>RMUA ES 2020-11, Amendment 2</u> 135959

CONTRACT NO.

DESCRIPTION OF WORK AND LOCATION: Work performed as part of Amendment No. 2 will be to complete a NEPA environmental assessment and cultural survey and to provide design services related to (1) new blower building (2) rehab of the west sludge tank (3) yard piping from RDTs to holding tanks (4) removal of old piping and valves for sludge and scum tanks (5) new office building and (6) gravity thickener decommissioning. Amendment 2 also includes pilot studies for dewatering and composting.

Total Budget (Design)	\$	4,847,882.59
Original Construction Cost	\$	39,802,000.00
Original Design	\$	499,925.59
Additional Design Cost (Amendment No. 1)	\$	3,705,889.00
Additional Design Cost (Amendment No. 2)	\$	642,068.00
Total Design Cost	\$	4,847,882.59
Total Raw Labor Cost	\$	1,677,401.86
Overhead	%	172.50
Profit	%	10.00
Multiplier		3.00
Total Design Cost / Total Construction Cost	%	12.17
Advertising Date		April 2026
		April 2020
Amendment No. 1 Jacobs Labor Subcontracts Subcontractor 5% Markup (administration and insurance) Expenses Amendment #1 Total Value	\$ \$ \$ \$	3,513,789.00 135,000.00 6,750.00 50,350.00 3,705,889.00

Amendment No. 2 Jacobs Labor Subcontracts Subcontractor 5% Markup (administration and insurance) Expenses Amendment #2 Total Value	\$ \$ \$ \$ \$	587,786.00 0.00 0.00 54,282.00 642,068.00
Total Contract Value Jacobs Labor Subcontracts Subcontractor 5% Markup (administration and insurance) Expenses Total Contract Value	\$ \$ \$ \$	4,587,100.59 135,000.00 6,750.00 119,032.00 4,847,882.59

### AMENDMENT NO. 2

## TO THE

## THE AGREEMENT

### FOR

# PROFESSIONAL ENGINEERING SERVICES

THIS AMENDMENT NO. 2, to the Agreement for Professional Engineering Services (Contract No. 135959) is made between the Tulsa Metropolitan Utility Authority, a Public Trust of the State of Oklahoma, hereinafter referred to as AUTHORITY, and Jacobs Engineering Group Inc., a corporation organized under the laws of the state of Delaware, hereinafter referred to as ENGINEER;

## WITNESSETH

WHEREAS, AUTHORITY intends to add biosolids improvements at the Haikey Creek Wastewater Treatment Plant, hereinafter referred to as the PROJECT; and,

# HAIKEY CREEK WASTEWATER TREATMENT PLANT BIOSOLIDS IMPROVEMENTS, CONCEPTUAL DESIGN RMUA ES 2020-11

WHEREAS, AUTHORITY and ENGINEER entered into an AGREEMENT, dated March 10, 2021, under which the ENGINEER was to provide professional services to the study and conceptual design of biosolids improvements at the Haikey Creek Wastewater Treatment Plant, hereinafter referred to as the AGREEMENT, and

WHEREAS, AUTHORITY and ENGINEER entered into an AGREEMENT, dated June 14, 2023, under which the ENGINEER was to provide professional services to design of biosolids improvements at the Haikey Creek Wastewater Treatment Plant, hereinafter referred to as the AGREEMENT, and

WHEREAS, AUTHORITY requires certain additional professional services in connection with the PROJECT, hereinafter referred to as the SERVICES, thereby necessitating the amending of the AGREEMENT;

WHEREAS, ENGINEER is prepared to provide such SERVICES;

NOW THEREFORE, in consideration of the promises contained herein, the parties hereto agree as follows:

- 1.0 <u>SERVICES TO BE PERFORMED BY ENGINEER</u>. ENGINEER shall perform the SERVICES, described in Attachment B, <u>SCOPE OF SERVICES</u>, which is attached hereto and incorporated by reference as part of this AMENDMENT NO. 2.
- 2.0 <u>COMPENSATION</u>. The AUTHORITY and the ENGINEER agree that the ENGINEER shall be compensated for these additional services on a salary multiplier basis in accordance with Attachment D, <u>COMPENSATION FOR ADDITIONAL SERVICES</u>, which is attached hereto and incorporated by reference as part of this AMENDMENT NO. 2.

3.0	All other terms and conditions of the AGREEMENT of, March 10, 2021 as amended, force and effect.	shall remain in full

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IN WITNESS WHEREOF, the parties have executed this AGREEMENT in multiple copies on the respective dates herein below reflected to be effective on the date executed by the Chairman of the Regional Metropolitan Utility Authority. (SEAL) Jacobs Engineering Group Inc. (ENGINEER) ATTEST: Justin Johnson, Secretary Date October 10, 2024 (SEAL) APPROVED: REGIONAL METROPOLITAN UTILITY AUTHORITY Secretary Chairman Date APPROVED AS TO FORM: RECOMMENDED: Attorney for Regional Metropolitan Director of Water and Sewer **Utility Authority** RECOMMENDED: Broken Arrow Municipal Authority, Chairperson Broken Arrow Municipal Authority, General Manager

Broken Arrow Municipal Authority,

Assistant City Attorney

ATTEST:

(SEAL) SECRETARY

# **SCOPE OF SERVICES**

# ATTACHMENT B

- B. <u>SCOPE OF SERVICES</u>. The Scope of Services should be amended as set forth in this AMENDMENT NO. 2:
- B.1 PRELIMINARY DESIGN.
  - B.1.1 Chartering No change.
  - B.1.2 Facility Plan Update No change.
  - B.1.3 Conceptual (5%) Design No change.
  - B.1.4 Project Management
    - B.1.4.1 Amend the existing task to include additional meetings with City, internal meetings, contract administration, and project coordination.
  - B.1.5 65% Preliminary Design

Prepare a preliminary plan which includes an initial design report; functional plans; preliminary cost estimates; and recommendations and submit the preliminary plan to the AUTHORITY per EXHIBIT 2 – Project Schedule. Preliminary Design is anticipated to include the elements contained in Table 1 – Anticipated Design for Biosolids Management Facilities.

Table 1. Anticipated Design for Biosolids Management Facilities

Facility/Item	Design Concept	65% Submittal (includes previous)
New Blower Building	Approximately 24'x24' new building located north of the existing Sludge Holding Tanks. The building will house two blowers (1 new + 1 future) and two sludge recirculation pumps (1 duty + 1 standby). The new blower will provide aeration to the rehabbed west storage tank and the future blower will provide aeration to a future primary sludge holding tank. The sludge recirculation pumps will provide continuous mixing of the TWAS since sludge %TS has reached a plastic flow state. New electrical and controls will also be housed inside the building as well. Site civil will provide addition access required for operations and maintenance.	Plan Sheets Elevations
Rehab of West Sludge Storage Tank	Rehab design would include provisions for concrete crack injection, concrete resurfacing, patching exposed rebar, grouting old pipe penetrations, possibly a tank coating system.	Plan Sheets Demo Sheets

	The tank will be required to be drained and analysed by the engineer to provide the extents of rehab required where the provisions provide bid items for the contractor to execute the work.	
	Demo includes removal of the existing aeration piping inside of the tank and exposed on the exterior (see Item 4 of this table for demo continuation).	
	Demo of the existing blowers and sludge recirculation pump room shall also be included in this work. This is only demolition of the mechanical equipment, piping, valves, pumps, and does not include any electrical or structural modifications.	
	New electrical and process controls will be provided for the rehabilitated tank per Item 1 of this table.	
	Previously contracted scope included getting a WAS flow stream to the Gravity Thickeners and get flow from the Gravity Thickeners to sludge holding and dewatering (this is the yard piping shown in the 35% deliverable). Revise scope will alleviate clogging issues by designing:	
	(1) Yard piping for WAS pump station and tie-ins from	
	RAS screw pumps to RDTs This will include an evaluation of hydraulic capacity to deliver enough head to the RDTs or it will require a small WAS pump station.	
Yard Piping from RAS Pump Station to RDTs and From RDTs to Holding Tanks	Additionally, two WAS feed lines will be routed to the RDT building so that each feed line runs to one RDT. There will be provisions in the yard for cross over connections to send either WAS feed to either RDTs. (Normal operations for one feed line to one RDT).	Plan Sheets Elevations
3	A modification to the single vertical WAS influent line inside the RDT will also be required to facility the 'normal operations' mentioned above.	
	(2) Yard piping from the RDTs to the holding tanks Replace existing piping known to clog and does not have provisions for cleaning.	
	New buried piping from the RDT building to the new rehabbed west storage tank will convey TWAS up to and potentially above 5% TS. This viscous flow requires smooth, clean, and full diameter pipes to minimize	

interior diameter along the pipe walls. Design includes dual cleanouts in the yard shall for regular O&M.	
Additionally, the engineer will backcheck current rotary lobe pumps to analysis other potential reasons for pumps operating above recommended RPMs.	
This includes removal of old piping and valves that currently service the sludge and scum holding tanks. In past these tanks have been used for aeration, clarification, digestion, chlorine contact, and sludge holding. Existing yard piping and valving have been reused, or repurposed and some are abandoned. Existing piping within the sludge holding tank area will be removed and new yard piping installed for all new treatment processes.	Plan Sheets Demo Sheets
Existing yard piping at the sludge drying beds is not included in this area, but yard piping feeding the old sludge lagoons (west of holding tanks) is included in this removal. This also includes demo of an existing outlet structure at the current existing lagoon.	
Approximately 1,400 SF building for 5 staff. One (1) private office, One (1) open office with four (4)	
workstations, conference room, break room, men's and women's restrooms and lockers. Building will also include an electrical room to serve composting equipment.	Plan Sheets
This scope includes decommissioning the tanks to take them out of the process flow.	Plan Sheets Demo Sheets
	Additionally, the engineer will backcheck current rotary lobe pumps to analysis other potential reasons for pumps operating above recommended RPMs.  This includes removal of old piping and valves that currently service the sludge and scum holding tanks. In past these tanks have been used for aeration, clarification, digestion, chlorine contact, and sludge holding. Existing yard piping and valving have been reused, or repurposed and some are abandoned. Existing piping within the sludge holding tank area will be removed and new yard piping installed for all new treatment processes.  Existing yard piping at the sludge drying beds is not included in this area, but yard piping feeding the old sludge lagoons (west of holding tanks) is included in this removal. This also includes demo of an existing outlet structure at the current existing lagoon.  Approximately 1,400 SF building for 5 staff. One (1) private office, One (1) open office with four (4) workstations, conference room, break room, men's and women's restrooms and lockers. Building will also include an electrical room to serve composting equipment.  This scope includes decommissioning the tanks to take

# Assumptions

- (i) There will be 1 preliminary design submittal, consisting of a 65% design package. Similarly, there will be 1 preliminary design review meeting, with up to 6 of ENGINEER's staff attending in person and the remainder of the staff attending via teleconference. In person attendance at meeting will be combined with an engineering site visit to the facility. If it is determined during the course of execution that the site visits should occur at a separate time, then those persons will attend the design review meeting remotely.
- (ii) 10 sets of plans will be printed in half-size for each submittal and delivered electronically. The preliminary design report and the draft specifications will only be delivered electronically.

### B.1.5.5 Deliverables

- (i) 65% Design Submittal. Electronically submitted revisions to preliminary design report, Class 3 cost estimate, draft specifications, and approximately 50 drawing sheets, to include plan and profile drawings of major facilities.
- (ii) 65% Submittal. 10 sets of plans to be printed in half-size.
- (iii) 3-D rendered model, in a format viewable by City Staff without additional software, of the facility site, including foundations, piping, equipment, electrical, HVAC and other components, both above and below ground.

# B.2 PHASE NO. 2. FINAL DESIGN.

Final design shall include the preparation of final plans for the PROJECT together with all specifications and related contract documents required for the construction of the PROJECT by the AUTHORITY'S construction contractor; Final Design shall be in accordance with AUTHORITY'S Standards, detailed specifications, and approved Preliminary Plans prepared in Phase No.1, and shall be submitted to the AUTHORITY within the approved schedule after the date specified in the Notice to Proceed for Phase No. 2. ENGINEER shall provide the AUTHORITY a set of mylars of final plans for signature purposes. The 95% and 100% submittals will be combined with the rest of project drawings and submitted as single packages. The Final design tasks shall include the following:

- B.2.1 No change
- B.2.2 No change
- B.2.3 No change
- B.2.4 Deliverables
  - B.2.4.1 95% Design. Final drawings and specification delivered electronically. 12 sets of half-size drawings printed and bound. 3 sets of specifications printed and bound. Class 2 Cost Estimate delivered electronically.
  - B.2.4.2 95% Design review meeting. ENGINEER will publish agenda, attend with up to 6 of ENGINEER's staff in person, and publish draft and final meeting notes. In person attendance at meeting will be combined with an engineering site visit to the facility. If it is determined during the course of execution that the site visits should occur at a separate time, then those persons will attend the design review meeting remotely.
  - B.2.4.3 100% Design. Signed/sealed plans and specifications, delivered electronically. Specifications printed and bound. Drawing printed full-size (22x34) on Mylar for final city review and signature. Updated Class 2 Cost Estimate based on any modification from the 95% Design Submittal. There will not be a 100% Design review meeting.
  - B.2.4.4 Permitting. ENGINEER shall coordinate deliverables directly with ODEQ and OWRB, to include plans, specifications, and Engineering Report.

B.2.4.5 3-D rendered model, in a format viewable by City Staff without additional software, of the facility site, including foundations, piping, equipment, electrical, HVAC and other components, both above and below ground.

# B.2.4.6 Anticipated deliverables based on design concepts:

Table 2: Anticipated Design at 95% and 100% Biosolids Management Facilities

Facility/Item	95% Submittal	100% Submittal
	(includes 65% drawings)	(includes 95% drawings)
	Architectural Floor Plan	Final Sheets and Specifications
	Architectural Roof Plan	Final Sheets and Specifications
	Architectural Elevations	Final Sheets and Specifications
	Architectural Building Sections	Final Sheets and Specifications
	Architectural Schedules & Details	Final Sheets and Specifications
	Structural Foundation Plan	Final Sheets and Specifications
	Structural Sections	Final Sheets and Specifications
	Structural Details	Final Sheets and Specifications
New Blower Building	Process Mechanical Plan	Final Sheets and Specifications
	Process Mechanical Sections	Final Sheets and Specifications
	Process Mechanical Details	Final Sheets and Specifications
	HVAC Plan	Final Sheets and Specifications
	<b>HVAC Schedules and Details</b>	Final Sheets and Specifications
	Plumbing Plan	Final Sheets and Specifications
	Plumbing Details	Final Sheets and Specifications
	Electrical Plan	Final Sheets and Specifications
	Electrical One Line Diagram	Final Sheets and Specifications
	Electrical Schedules	Final Sheets and Specifications
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# B.3 PHASE NO. 3. GENERAL SERVICES DURING CONSTRUCTION. No change

- B.4 SPECIAL SERVICES. Amend the task to include the following services:
  - B.4.1 <u>GRANT SUPPORT SERVICES.</u> No change.
  - B.4.2 <u>FERTILIZER MARKET STUDY</u>. No change.
  - B.4.3 NEPA SUPPORT. Amend the task to include following services:

Conduct NEPA Environmental Assessment which will include a report to USDA. As part of the NEPA assessment, ENGINEER will conduct background archeological research, one (1) cultural resource field survey, one (1) cultural resources report, issue letters to State Historic Preservation Office (SHPO) and tribal nations, and, if needed, prepare an inadvertent discovery plan.

B.4.4 PILOT STUDY. Amend the task to include following services:

Conduct pilot studies for dewatering and composting. The dewatering pilot will produce a sludge cake, that will be conveyed to the composting pilot area. At the composting pilot location, sludge cake and woodchips will be mixed then placed on top of aeration piping to perform an aerated static pile compost pilot. Scope also includes: coordinating with dewatering vendors, testing protocols, assisting HCWWTP staff in setup, monitoring and sampling, permitting coordination, and equipment procurement.

# B.5 RESIDENT PROJECT REPRESENTATIVE SERVICES. Not included, No change

<u>SCHEDULE</u>. ENGINEER agrees to complete all work described above within the timeframes outlined in this AMENDMENT NO. 2. (See EXHIBIT 2, PROJECT SCHEDULE.)

# EXHIBIT 2 PROJECT SCHEDULE

## **COMPENSATION**

# ATTACHMENT D

# C. <u>COMPENSATION</u>.

ENGINEER shall be paid as compensation for the professional services set forth in this AMENDMENT NO. 2 and itemized in (see EXHIBIT 3, FEE SCHEDULE), an amount not to exceed Six Hundred Forty-Two Thousand, and Sixty-Eight and 00/100 Dollars (\$ 642,068.00).

The ENGINEER acknowledges the following summary of modifications to the Fee Schedule as stated in the original Contract and modified by AMENDMENT NO. 2:

<u>D.4. Travel and Subsistence Reimbursement.</u> Travel and subsistence from outside the Tulsa Metropolitan Area shall be reimbursed at actual costs and not exceed current GSA Rates. Local travel will not be reimbursed.

D.7 Special Services Allowance. At the sole discretion of AUTHORITY, a Special Services Allowance for geotechnical, potholing, abstract (real estate) research, and/or permit/review fees may be provided by AUTHORITY. Any such allowance will be for the direct cost of the Special Services, not to exceed Zero Dollars and Zero Cents (\$0.00) and will not include payment of any markup, profit or overhead to ENGINEER. Use of the Special Services Allowance must be authorized, in writing, by the AUTHORITY.

Original Contract Amount	\$ 499,925.59
Amendment No. 1	\$ 3,705,889.00
Amendment No. 2	\$ 642,068.00
Total Amended Contract Amount	\$ 4.847,882.59

Exhibit 3

RMUA ES 2020-11 HAIKEY CREEK WASTEWATER TREATMENT PLANT BIOSOLIDS IMPROVEMENTS Fee Schedule - Amendment 2	
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# Exhibit 3 RMUA ES 2020-11 HAIKEY CREEK WASTEWATER TREATMENT PLANT BIOSOLIDS IMPROVEMENTS F00 Schodulo - Amondment 2

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# Exhibit 3 RMUA ES 2020-11 HAIKEY CREEK WASTEWATER TREATMENT PLANT BIOSOLIDS IMPROVEMENTS Fee Schedule - Amendment 2

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off any code changes ected) g formation	<b>验</b> 問題語的發表情報發取	\$12,420 \$		\$12,690	\$16,350	0\$	¢2 280	Cancarr	
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Engineer's Bid Recommendation	2	2	2					0	
Preparation of Conformed Documents 4	5	2	20	, ,				16	
Summary - Final Design (100%)	NEED TO ACCURATION OF THE PROPERTY OF THE PERSON NAMED IN COLUMN NAMED IN COLU	ACTION OF THE PROPERTY OF THE	0.7	07	20		2	11	
Hours		A DESCRIPTION OF THE PERSON OF	ない。		· · · · · · · · · · · · · · · · · · ·	Secretary Company	ない はない はない ないのう	Charles of the Charle	
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20	\$1,131	\$ 066\$	\$2,240	\$1.530	\$1300	6400		74.7	
Billing Cost \$0 \$3,312	\$3,393		+	200	000,100	\$138	5440	\$8,933	
	STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT	CONCERNS 18900		046644	23,900	5594	\$1,320	\$26,799	
General Services During Construction			では 場合を表が		SECTION SECTIO	神経の はない	The second second	自己の記憶はあるなるない。	
Allowance	Will District the Party of the	THE CHARLES OF THE PARTY OF THE	THE PERSON NAMED IN	を の の の の の の の の の の の の の の の の の の の	THE PERSONAL PROPERTY AND PERSONAL PROPERTY PROPERTY AND PERSONAL	- 大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大	STATE OF THE PARTY	Wilder of the American Street	A SECTION OF THE PROPERTY OF THE PROPERTY OF THE PERSON OF
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b.3 Summary - General Services During Construction	国 地名のおおおおお			THE RESIDENCE OF THE PARTY OF T	MAN DISCONTINUES OF THE PARTY O	MODEO PROPERTY AND ADDRESS OF THE PERSON OF			
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Raw Cost \$0 \$0	Ş	Ş	, 5		0	۰	0	0	
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Exhibit 3
RMUA ES 2020-11
HAIKEY CREEK WASTEWATER TREATMENT PLANT BIOSOLIDS IMPROVEMENTS
F00 Schodulo - Amondment 2

	A CONTRACTOR OF THE PARTY OF TH										
Role	PRINCIPAL	MANAGER	DESIGN	QC/ SME	SENIOR	STAFF	SR. DESIGN	GID	PUBS/SPECS		
Avg Raw Rate	\$120	\$92	\$87	con	ENGINEER	ENGINEER	TECH	ENGINEER	/ADMIN	Total	Notes
B.4 Special Services	District of the last of the la	Should be the second	STATE OF PARTIES OF THE PARTY O	Occ	086	245	\$50	\$33	\$40		
B.4.1 USDA Federal Grant Writing				第一年の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の		The state of the s	THE STATE OF THE S	· · · · · · · · · · · · · · · · · · ·		のである。	
Coordination										0	
Financial Projections											
Grant Forms/Narrative											
Subtotal Hours		0	0	0	o		,	1			
Subtotal Raw Cost		\$0	\$0	ç	5	5		0	٥	0	
Subtotal Billing Cost	\$0	Q\$	0\$	S	O. S	2 2	20	S S	QS .	\$0	
					2	200	20	20	\$0	\$0	
B.4.2 Marketing Plan											
Coordination										0	
Distribution/Access Plan										0	
Subtotal	0	0	c							0	
	\$0	80	SS	05	5	0 5	٥	0	0	0	
	Şo	9	Ş	3	2	2	20	\$0	\$	\$0	
			3	2	200	2	05	\$0	\$0	\$0	
B,4,3 NEPA Support	2	28		3	90						
Subtotal Hours	,	30	,		707	235	190		36	517	
Subtotal Raw Cost		20.575	5	٩	20	235	190	0	36	517	
Subtotal Billia Estatal	04.45	94,370	2	5540	\$1,572	\$10,574	\$9,500	\$0	\$1.440	\$26.447	
Simila managan		87/'/8	20	\$1,620	\$4,716	\$31,723	\$28,500	SS	\$4,320	\$79.327	
B.4.4 Pilot Study		,									
Suhtotal Hours		or s	1	70	141	86				325	
to Care Internal	5	QT .	0	70	141	86	0	0	0	335	
Subjected Naw Cost	00.	\$1,472	20	\$6,300	\$11,283	\$4,410	05	Ş	5	250	
Subtotal Billing Cost	80	\$4,416	\$0	\$18,900	\$33,850	\$13,230	\$0	S OS	8 \$	\$23,465	
8 4 Summany - Special Sandres	A STATE OF THE PROPERTY OF THE									066,014	
MIN NO.	SPACE STREET SPECIFICATION AND ADMIT	The state of the s		STATE OF STA	の の の の の の の の の の の の の の の の の の の	一日の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本	STATE OF THE PERSON NAMED IN	SARKSER SOCIETIES SANSON	ANTENDESCRIPTION OF STREET	PODACHER CONTROL OF THE PROPERTY OF THE PROPER	
Hours	2	4	0	9/2	161	332.985	190				
Raw Cost	\$240	\$4,048	\$0	\$6,840	\$12.855	\$14 984	200	,	36	842	
Billing Cost	\$720	\$12,144	\$0	\$20,520	\$38,566	\$44.953	C28 500	200	51,440	\$49,908	
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DESIGN EXPENSES	Quantity Qty Unit	Cost Rate	500		
Roundtrip Airfare (CLT to TUL)	2 trips	\$ 550.00 02		100	Mary Same Spirit
Roundtrip Airfare (PDX to TIII)	2 1-1-1	Ba Coroco		5 1	1,100.00
	z trips	5 650.00 ea		5 1	300 00
Auto Rental	6 days	\$ 60.00 day			20000
Hotel	6 nights	175.00 21244		2	350,00
Meals & Incidentals	0.7	TIRLIC CONTRACT		\$	1,050.00
	8 days	\$ 65.00 day		v	520.00
Mileage (DFW to I UL for Mtgs, Project Coord.)	4 trips	S 0.670 mile	-1-4/11		200
Specifications and Design Report Reproduction	100 03665	00.00	400 IIIIles/tr	۸	1,286.40
Half-cite Oranipae Banadustin- 11.11	naged out	aged nerne	30	S	900.00
Hair-size Drawnigs - Reproduction - TIXI/	60 sheets	\$0.60  sheet	30		0000
Full size drawings - 22x34 (30 sets)	60 sheets	C2 EO cheat	2	2	1,080.00
Mylar Printing (including reprints)	CO choose	Danie Octob	9	\$ 1	,260.00
The state of the s	oo sileets	\$18.00   sheet	1.25	\$ 1	350.00
Color Reports - 8.5 x 11	20 pages	\$0.75 page	OE.		200
Color Reports - 11 x 17	10 sheets	\$2.00 chant	200	^	450.00
Shipping and Postage (BEDEY)		Jaarron Street	30	s	600.00
מושלייים במניפר (ו בסביע)	b each	\$ 25.00 shipment		5	150.00
IOIAL expenses	大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大	THE RESERVE THE PROPERTY OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED	The second secon	MANAGEMENT SAMES	2000

# Exhibit 3 RMUA ES 2020-11 HAIKEY CREEK WASTEWATER TREATMENT PLANT BIOSOLIDS IMPROVEMENTS Foe Schedule - Amendment 2

		STATE OF THE PROPERTY OF THE P	PDOICHT	Deeron	ANTONIO CONTRACTOR DE CONTRACT						
	Role	PRINCIPAL	MANAGER	MANAGER	QC/ SME	SENIOR	STAFF	SR. DESIGN	QIĐ	PUBS/SPECS	
	Ave Base Date	6130	200	400			CINCIPALEN	100	ENGINEER	/ADMIN	
	and dear Gard		760	784	\$30	\$80	\$45	\$20	\$33	\$40	
Ф	PROJECT SUMMARY HOUTS										l
. Project	A.1. Project Management	Hours	Raw Cost	Billing Cost	Subcontracts	Expenses	Total				
	Total Phase A.1	169	\$17.017	CT 000	THE PERSON NAMED OF THE PE	Chicago Charles and Charles an	San San San San Company of the San				
Drellm	B 1 Drellminany Decian 35% CFeV	opening and	424,724	930,/30		\$2,500	\$41,236				
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35% Design	esign	0	\$0	\$0	\$0		\$0				
65% Design	esign	814	\$52,088	\$156,264		\$2,000	\$158 26A				
	Total Phase B.1	814	\$52,088	\$156,264	0\$	\$2,000	6450,204				
Final D	B.2 Final Design 95%, 100%	CHARLES AND THE PARTY OF THE PA	STATE OF THE PERSON NAMED IN	Construction of the Party of th	NATIONAL PROPERTY AND INCOME.	74,000	4436,264				
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\$112,015 \$111,155 \$223,170 \$26,799 \$26,799 \$249,969

\$110,109 \$106,155 \$216,264 \$26,799 \$26,799 243,063

\$35,703 \$35,385 \$72,088 \$8,933 \$8,933 81,021

548 511 1,059 141 141 1,200

E Final Design 95%, 100%
95% Design
100% Design
Subtotal
Bid Phase
Subtotal

\$1,906 \$5,000 \$6,906

\$0 \$0 \$0 \$0 \$5,426 \$84,753 \$37,450 \$107,846 \$42,876 \$192,599

\$0 \$0 \$79,327 \$70,396 \$149,723

\$0 \$0 \$26,442 \$23,465 \$49,908

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Allowance - Phase B.3 Total Phase B.2

B.3 General Services During Construction

Special Services
USDA Grant Writing
Marketing Plan
NEPA Support
Pilot Study

906'9

\$54,282 \$642,068

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\$587,785

\$195,928

2,700

Notes

ACOBS LABOR	CONTRACTOR STREET, Fee TO
Raw Labor Cost	\$195,928
Labor with 3.0 Multiplier	\$587,785
) TOTAL JACOBS LABOR	\$587.785

IACOBS LABOR	Fee
Raw Labor Cost	\$195,928
Labor with 3,0 Multiplier	\$587,785
(a) TOTAL JACOBS LABOR	\$587,785
SIIBCONTRACTS	The state of the s
Survey and GIS: Meshek & Associates	Ş
Geotech	8 \$
Marketing Plan	ŞO
5% Mark-up (administration and insurance)	ŞO
(b) TOTAL SUBCONTRACT INCL MARK-UP	\$0
EXPENSES	Fee
Subtotal Expenses	\$54,282
c) TOTAL EXPENSES	\$54,282
Total Fee (a) + (b) + (c)	\$642 OFR

JACOBS LABOR	Fee Transfer Fee
Raw Labor Cost	\$195,928
Labor with 3.0 Multiplier	\$587,785
(a) TOTAL JACOBS LABOR	\$587,785
SUBCONTRACTS	Fee
Survey and GIS: Meshek & Associates	SO
Geotech	ŞO
Marketing Plan	.0\$
5% Mark-up (administration and insurance)	\$0
(b) TOTAL SUBCONTRACT INCL MARK-UP	0\$
EXPENSES	Fee
Subtotal Expenses	\$54,282
(c) TOTAL EXPENSES	\$54,282
Total Fee (a) + (b) + (c)	\$642.068
Total Fee (a) + (b) + (c)	\$642,068

# AFFIDAVIT OF CLAIMANT

STATE OF: Oklahoma
COUNTY OF: Tulsa
The undersigned, of lawful age, being first duly sworn, on oath says that this contract is true and correct. Affiant further states that the work, services or materials will be completed or supplied in accordance with the contract, plans, specifications, orders or requests furnished the affiant. Affiant further states that (s)he has made no payment directly or indirectly of money or any other thing of value to any elected official, officer or employee of the City of Tulsa or any public trust of which the City is a beneficiary to obtain or procure the contract or purchase order.
By: Signature
Name:Jennifer Kassa
Company: <u>Jacobs Engineering Group Inc.</u>
Title: Vice President and Designated Manager
Subscribed and sworn to before me this 10th day of October , 20 24.
Notary Public Peorge Notary Public Property State of the Property
My Commission Expires: 12-02-2027 Commission #
My Commission Expires: 12-02-2027  Notary Commission Number: 15011025  Notary Commission Number: 0F OKLAH

# INTEREST AFFIDAVIT

STATE OF: Oklahoma)
COUNTY OF: Tulsa ) ss.
I, <u>Jennifer Kassa</u> , of lawful age, being first duly sworn, state that I am the agent authorized by Contractor, Engineer, Architect or provider of professional service ["Services Provider"] to submit the attached Agreement. Affiant further states that no officer or employee of the City of Tulsa either directly or indirectly owns a five percent (5%) interest or more in the Services Provider's business or such a percentage that constitutes a controlling interest. Affiant further states that the following officers and/or employees of the City of Tulsa own an interest in the Services Provider's business which is less than a controlling interest, either direct or indirect.
* See Note Below
By James Lassa
CS ignature V
Title: Business Vice President & Designated Manager
Subscribed and sworn to before me this 10th day of October, 20 24
Notary Public No
My Commission Expires: 12-02-2027
Notary Commission Number: 15011025 Commission # Commission # Touristics   Commission # Touristics   Commission   Touristics   Commission   Commissio
My Commission Expires: 12-02-2027  Notary Commission Number: 15011025  County & State Where Notarized: Tulsa, Oklahoma  County & OF OKLAHOMA

The Affidavit must be signed by an authorized agent and notarized.

<sup>\*</sup> Note: Jacobs Engineering Group Inc. (JEG) is a wholly owned subsidiary of Jacobs Solutions Inc. As Jacobs Solutions Inc. is publicly traded on the NYSE, with its stock being publicly traded on a daily basis by the general public and/or corporations, JEG is unable to verify whether any officer or employee of the City of Tulsa directly or indirectly owns 5% or more interest, or a controlling interest in Jacobs Solutions Inc. JEG is also unable to verify whether any officer or employee of the City of Tulsa owns an interest in Jacobs Solutions Inc. which is less than a controlling interest, either direct or indirect.

# NON-COLLUSION AFFIDAVIT

(Required by Oklahoma law, 74 O.S. §85.22-85.25)

STATE OF: Oklahoma	)
COUNTY OF: Tulsa	) ss.
COUNTY OF: Tulsa	

- I, <u>Jennifer Kassa</u>, of lawful age, being first duly sworn, state that: (Authorized Agent)
  - I am the authorized agent of Contractor, Engineer, Architect or provider of professional service ["Services Provider"] herein for the purposes of certifying facts pertaining to the existence of collusion between and among Services Provider and municipal officials or employees, as well as facts pertaining to the giving or offering of things of value to government personnel in return for special consideration in the letting of any contract pursuant to which this statement is attached.
  - I am fully aware of the facts and circumstances surrounding the making of the contract to which
    this statement is attached, and I have been personally and directly involved in the proceedings
    leading to the awarding of such contract; and
  - 3. Neither the Services Provider nor anyone subject to the Services Provider's direction or control has been a party:
    - a. to any collusion with any municipal official or employee as to quantity, quality, or price in the prospective contract, or as to any other terms of such prospective contract, nor
    - b. in any discussions between Services Provider and any municipal official concerning exchange of money or other thing of value for special consideration in the letting of a contract.

By: Signature Kausa

Title: Business Vice President & Designated Manager

Subscribed and sworn to before me this 10th day of October , 20 24

Notary Public

My Commission Expires: 12-02-2027

Notary Commission Number: 15011025

County & State Where Notarized: \_ Tulsa, Oklahoma

Commission # 15011025 The Commission # 15011

The Affidavit must be signed by an authorized agent and notarized.