

Memorandum

Date:

June 7, 2023

To:

Urban Subcommittee

From:

Mark Lindemann, District Engineer-

Subject:

Urban Subcommittee Meeting Minutes – June 2023

The Urban Subcommittee met on Wednesday, June 7, at the NRD Office, at 5:00 pm. Subcommittee members participating included John Yoakum- committee chair, Gary Aldridge, Melissa Baker, Deborah Eagan, Stacie Sinclair, and Ray Stevens. Others participating included NRD staff Paul Zillig, David Potter, Al Langdale, Mike Murren, Drew Ratkovec, and Mark Lindemann. Dan Lightbody with Olsson was also in attendance. Director Yoakum called the meeting to order at 5:05 pm. There were two (2) items the Subcommittee took action on, and one report. A revised Urban Background Memo and the final version of Olsson's Agreement Amendment #2 (item B) was handed out to Directors as they arrived. These documents are also attached. A quorum was present for the meeting.

A. Consideration of Bids for the Deadman's Run South Bank Repair Project - 70th and "O" Street [ACTION] – Lindemann noted corrections made to the June 5th Memo to the Directors and then provided a brief history of the Project. It was explained that construction activities from Tommy's Car Wash resulted in a bank failure that required repair. Olsson performed a geotechnical investigation and design to prepare plans for the repair project. It was also noted that the developer for the car wash acknowledged that the construction activities for the car wash caused the failure and have contributed \$165,000 for repairs. The project was advertised for construction bids with a bid opening on May 31st, with two (2) bids received from contractors. M.C. Wells Contracting, LLC had the low bid of \$144,030. The second bidder, Yong Construction, had a bid of \$369,256. Bids were reviewed by Dan Lightbody of Olsson, with a recommendation to award the bid to M.C. Wells Contracting, LLC for the base bid of \$144,030. Dan Lightbody was present to answer questions from the subcommittee. Questions were asked on the significant difference in total bids, with Lightbody noting that the unit pricing for excavation and recompaction was much greater for the higher bid. Langdale noted that the District has experience working with M.C. Wells on other projects such as Salt Creek Levee and Antelope Creek. Zillig also explained that the NRD has a license agreement with the new owners of Tommy's (Olympus Pines, LLC) that allows for temporary access and staging on a portion Tommy's property to complete the repairs. To limit impacts to the business, the license agreement requires construction be completed within 60 days with a possibility of a 30-day extension.

It was moved by Eagan, seconded by Stevens, and approved by the Subcommittee (5 voting Yes, 1 Voting No) to recommend that the Board of Directors approve the low bid of \$144,030, by M.C. Wells Contracting, LLC, for the Deadman's Run South Bank Repair Project at 70th and "O" Street, pending legal counsel review.

B. Consideration of a Professional Services Agreement with Olsson for Construction Observation Services on the Deadman's Run South Bank Repair Project – 70th and "O" Street. [ACTION] – Lindemann referred to the final version of Olsson's Letter Agreement Amendment #2 that was received by the NRD earlier in the day and handed out to Directors prior to the meeting. This final version has been reviewed by staff and has been sent to Legal Counsel for review. It was explained that construction management and site inspection of the bank repair project is needed to ensure plans and specifications are met and that the project is constructed properly. Olsson, as the designer and engineer of record of the project is in the best position to perform these services and was contacted by NRD staff to provide a proposal for construction management and inspection services. The total fee for these services is not to exceed \$48,825.00. Dan Lightbody was present to answer questions from the subcommittee. Directors asked questions with responses provided by Lightbody and Staff.

It was moved by Stevens, seconded by Eagan, and approved by the Subcommittee (5 voting Yes, 1 Voting No) to recommend that the Board of Directors approve the Professional Services Agreement Amendment #2 with Olsson for Construction Management and Observation Services for the Deadman's Run South Bank Repair Project at 70th and "O" Street, at an amount not to exceed \$48,825.00.

Report: Antelope Creek 40th to Scott Avenue

An update on construction progress for the Antelope Creek Bank Repair Project at 40th to Scott Avenue was provided by Staff. Photos and drone video footage was shared to help describe the wall and liner construction that has taken place. Langdale noted other project activity included a subcontractor soon replacing a water line and an end section of storm sewer pipe will also be replaced at the north channel bank. The revised Contractor schedule shows substantial completion on July 31, 2023. Final seeding and permanent erosion control will occur in the fall to ensure good vegetation establishment.

There being no other items on the agenda or other discussion, the meeting adjourned at 5:28 pm.



Memorandum

Date: June 5, 2023

To: Urban Subcommittee

From: Mark Lindemann, District Engineer

Subject: Urban Subcommittee Background Information – June 2023

The Urban Subcommittee will be meeting on Wednesday, June 7, 2023, at the NRD Office, at 5:00 pm to review, discuss and take action on two items. The following summarizes the items to take action on at the meeting. Please find the attached background information on these items; the red letters shown on the upper right of the attachments help denote which item below they relate to.

A. Consideration of Bids for the Deadman's Run South Bank Repair Project - 70th and "O" Street [ACTION] — The Deadman's Run South Bank Repair Project is located northeast of 70th and "O" Street, adjacent to Tommy's Car Wash. This section of the channel was constructed in 1971 with two rows of gabion baskets and graded side slope. A bank failure was observed by Staff in October of 2019. After a site investigation performed by Olsson, the developer of the car has acknowledged that construction activities for the car wash had caused the bank failure and have contributed \$165,000 for repairs. Olsson performed the investigation and analysis and has developed a design for the repair project. Construction is anticipated to start September 1, 2023, and has a time window of sixty (60) days for completion. The construction project was advertised for bids on May 8th, 15th, and 22nd, with a bid opening on May 31st at 2:00 pm. A pre-bid meeting was also held at the project site May 24th, 2023. The NRD received two (2) bids from contractors, with the low bid of \$144,030, from M.C. Wells Contracting, LLC. The second bid by Yong Construction was \$369,256. Dan Lightbody with Olsson has reviewed the bids and given a recommendation to award the Project to M.C. Wells Contracting LLC for the bid of \$144,030. See the attached summary of contractors and bids received and pages of plan sheets.

The Subcommittee will consider a motion to recommend that the Board of Directors approve the low bid of \$144,030, by M.C. Wells Contracting, LLC, for the Deadman's Run South Bank Repair Project at 70th and "O" Street, pending legal counsel review.

B. Consideration of a Professional Services Agreement Amendment #2 with Olsson for Construction Management Services on the Deadman's Run South Bank Repair Project – 70th and "O" Street. [ACTION] – As discussed in Action Item A, the Deadman's Run South Bank Repair Project at 70th and "O" Street is expected to start construction September 1, 2023. This project will require construction management, inspection, and testing services to ensure proper construction and that the project is built to the plans and specifications. Olsson, the engineer of record for the project, is in the best position to perform these services and the interpretation of plans and specifications. NRD staff has worked with Olsson to provide

Contract Amendment #2 for professional services, at a cost not to exceed \$48,825.00, pending legal counsel review. Attached is the Draft professional Services Agreement from Olsson.

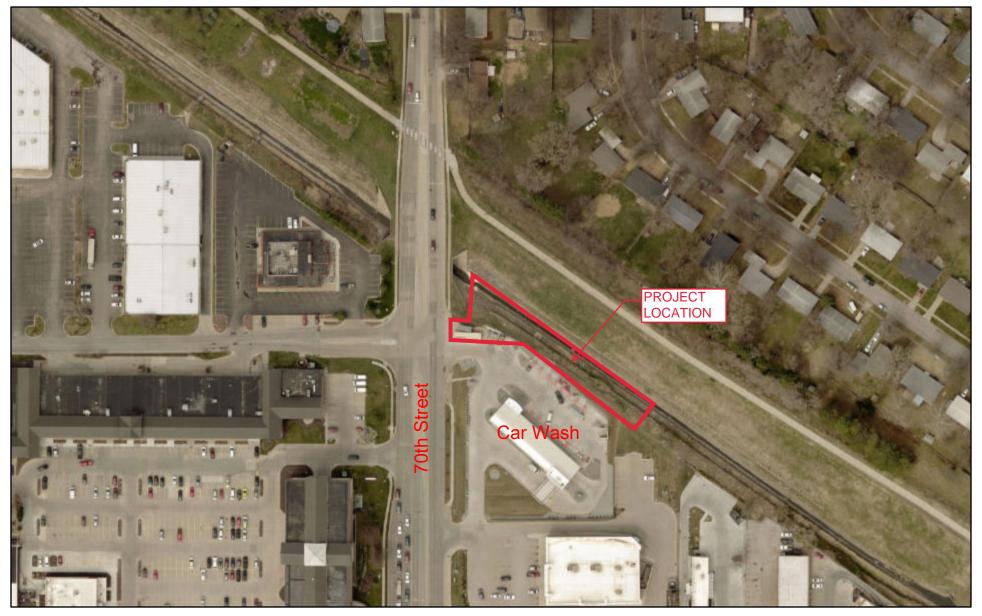
The Subcommittee will consider a motion to recommend that the Board of Directors approve the Professional Services Agreement Amendment #2 with Olsson for Construction Management and Observation Services for the Deadman's Run South Bank Repair Project at 70th and "O" Street, at an amount not to exceed \$48,825.00.

Enclosures;

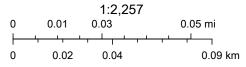
cc: Steve Seglin
Corey Wasserburger
Dave Landis

Deadman's Run S. Bank Repair Project - 70th & "O"





5/25/2023, 8:52:37 AM



Lancaster County, NE GIS, Maxar, Microsoft



June 5, 2023

Lower Platte South NRD Attn: Mark Lindemann 3125 Portia Street Lincoln, NE 68521

Re: Deadmans Run South Bank Repair 70th & O Street

Lincoln, Nebraska

Olsson Project No. 019-3900

Mark.

On Wednesday, May 31, 2023, bids were received for the above-mentioned project. This letter summarizes the bids received and provides the Lower Platte South NRD with our recommendations for making an award on the project. A bid tabulation was prepared for the project with the bids received and enclosed for reference.

Two bids were received for the project. All bidders submitted a bid for Base Bid, acknowledge Addendum Number 1, and each had a 5% bid bond.

	Yong Construction	MC Wells Contracting	Engineers Estimate
Base Bid	\$369,256.00	\$144,030.00	\$242,274.00

All bidders have shown that they are responsive and responsible bidders, it is our recommendation that the Lower Platte South NRD award the bid to MC Wells Contracting for the Base Bid of \$144,030.00

Please feel free to contact me with any additional questions that you may have. I can be reached at 402.458.5003 or dlightbody@olsson.com.

Sincerely,

Dan Lightbody, PE

Encls.

BID TABULATION

May 31, 2023 - 2:00 p.m.

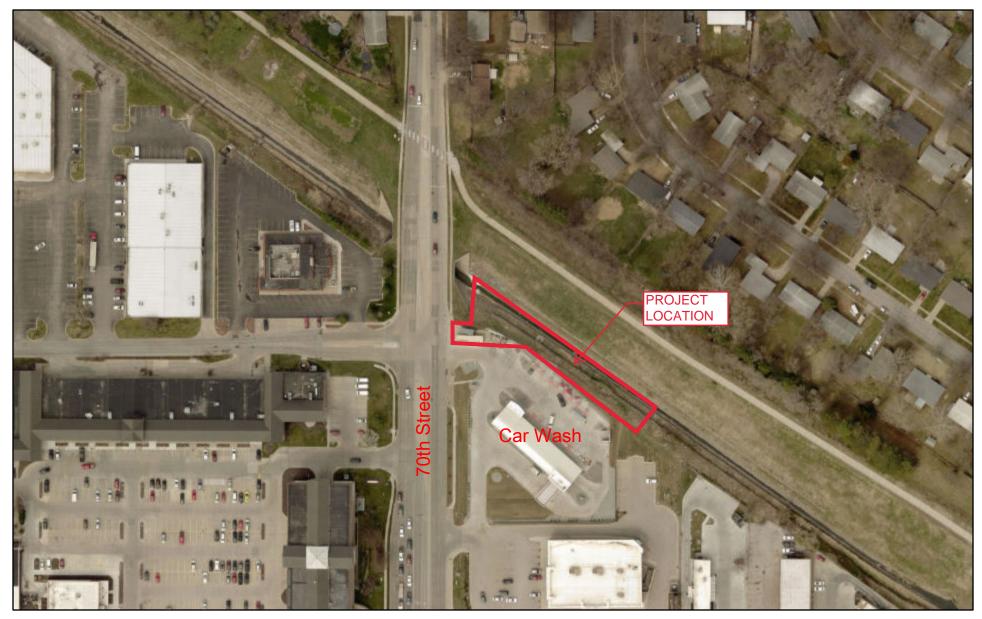
Olsson No. 019-3900

Lower Platte South NRD Deadman's Run South Bank Repair Project - 70th and "O" St. Lincoln, NE

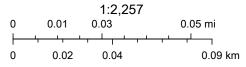
		Lincolli, ILL									
				Yong Construct	tion Company	MC Wells Con	tracting Co.				
	CONTRACTOR			Valley	, NE	Omaha, NE					
Item No.	ITEM	UNIT	QTY.	Unit Price	Extension	Unit Price	Extension				
BASE BID	Deadman's Run South Bank Repair Project - 70th and "O'	' St.		•		•					
1	Mobilization	LS	1	\$31,000.00	\$31,000.00	\$14,000.00	\$14,000.00				
2	General Clearing and Grubbing	LS	1	\$8,000.00	\$8,000.00	\$9,500.00	\$9,500.00				
3	Construction Staking	LS	1	\$6,000.00	\$6,000.00	\$2,000.00	\$2,000.00				
4	Traffic Control	LS	1	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00				
5	Remove Existing Gabion	CY	80	\$100.00	\$8,000.00	\$120.00	\$9,600.00				
6	Bank Excavation & Recompaction	CY	640	\$380.00	\$243,200.00	\$29.00	\$18,560.00				
7	Offsite Structural Fill	CY	50	\$300.00	\$15,000.00	\$69.00	\$3,450.00				
8	PVC Coated Wire Gabion Basket, 12'x3'x3'	EA	20	\$1,200.00	\$24,000.00	\$2,400.00	\$48,000.00				
9	15" HDPE Storm Pipe	LF	13	\$40.00	\$520.00	\$220.00	\$2,860.00				
10	Concrete Pipe Collar	EA	1	\$400.00	\$400.00	\$2,000.00	\$2,000.00				
11	12" Temporary Ditch Wattle	LF	95	\$8.00	\$760.00	\$10.00	\$950.00				
12	Erosion Control Blanket C125		382	\$4.00	\$1,528.00	\$5.00	\$1,910.00				
13	Silt Fence	LF	165	\$5.00	\$825.00	\$10.00	\$1,650.00				
14	Seeding and Mulching	AC	1	\$3,000.00	\$3,000.00	\$7,000.00	\$7,000.00				
15	4" Thick Sidewalk (Concrete Class 3500) Remove and Replace		25	\$50.00	\$1,250.00	\$45.00	\$1,125.00				
16	Light Pole Base (concrete), Remove and Replace	EA	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00				
17	Disconnect and Reconnect Power to Light Pole		1	\$800.00	\$800.00	\$500.00	\$500.00				
18	Disconnect and Reconnect Power to Vacuum	EA	2	\$800.00	\$1,600.00	\$500.00	\$1,000.00				
19	Light Pole, Removal and Reinstall	EA	1	\$1,500.00	\$1,500.00	\$500.00	\$500.00				
20	Vacuum, Removal and Reinstall	EA	2	\$800.00	\$1,600.00	\$500.00	\$1,000.00				
21	Guardrail, Remove and Dispose	LF	75	\$5.00	\$375.00	\$7.00	\$525.00				
22	Mailbox with Post, Remove and Reinstall	EA	1	\$200.00	\$200.00	\$500.00	\$500.00				
23	Pavement 6" Removal and Replacement (if damaged)	SY	215	\$70.00	\$15,050.00	\$60.00	\$12,900.00				
24	Concrete Curb Removal and Replacement (if damaged)	LF	20	\$35.00	\$700.00	\$50.00	\$1,000.00				
TOTAL BA	SE BID:				\$369,308.00		\$144,030.00				
Addendum	No. 1			Yes	S	Yes					
Attended Pi	re-Bid Meeting (not required):		Yes	s	No						
Bid Guaran	tee:			Ye	s	Yes	3				
Remarks:				Bid is under by \$52	2.00 (\$369,256.00)						

Deadman's Run S. Bank Repair Project - 70th & "O"





5/25/2023, 8:52:37 AM



Lancaster County, NE GIS, Maxar, Microsoft



LETTER AGREEENT AMENDMENT #2

This AMENDMENT ("Amendment") shall amend and become part of the Letter Agreement for Professional Services dated October 30, 2019, between the Lower Platte South Natural Resources District (LPSNRD) ("Client") and Olsson, Inc. ("Olsson") providing for professional services for the following project ("The Agreement").

PROJECT DESCRIPTION AND LOCATION

Project will be located at: Deadman's Run Bank Repair upstream of N. 70th and "O" Street,

Lincoln, NE.

Project Description: Construction Phase services for bank repair upstream of N. 70th

and "O" Street.

Client and Olsson hereby agree that Olsson's Scope of Services under the Agreement is amended by adding the services specifically described below for the additional compensation set forth below:

CONSTRUCTION PHASE SERVICES

Olsson will furnish Construction Management and On-Site Construction Inspection and Materials Testing services during the construction phase of the "Dead Mans Run South Bank Repair Project". And is based on an approximate <u>60</u> (calendar day duration, 52 working days). Olsson shall not have the authority or responsibility for safety precautions and programs related to the Contractor's work or for any failure of the Contractor to comply with laws, regulations, rules, ordinances, codes or orders applicable to the Contractor for furnishing and performing the work. The Contractor shall have sole responsibility for safety and for maintaining safe practices and avoiding unsafe practices or conditions. These services shall in no way relieve the Contractor of complete supervision of the Work or the Contractor's obligation for complete compliance with the drawings and specifications.

Olsson will provide services to coordinate the work activities of the Client, Contractor, and other affected parties to confirm that work is being performed in conformance with the Construction Documents. By performing the services, no authority or responsibility is assumed to supervise, direct, or control the Contractor's work or the Contractor's means, method, techniques, or procedures of construction.

Phase 900 - Construction Phase Services

Task 100 – Project Management

1.1 General Project Management – The Olsson Project Manager will serve as the point of contact, maintain the project schedule and budget, and be responsible for coordinating work with Client, City of Lincoln, utility companies, private property owners, and other parties necessary to complete the project. The Project Manager will provide invoices on a monthly basis.

Task 200 – Construction Management

- 2.1 Communications Olsson will be responsible for coordinating and conducting meetings related to the project. Olsson will record and submit minutes from any meetings to the Client and other project participants as appropriate.
- 2.2 Pre-Construction Kick-off Meeting Prepare for and attend Pre-Construction kick-off meeting with Contractor, Owner, Engineer, Client, and others requested by the Olsson Project Manager and/or Client. Items discussed will include:
 - Primary Points of Contact and Project Authority
 - Construction Schedule and Construction Phasing
 - Site Conditions (foreseen and unforeseen)
 - Owner/Contractor Expectations
 - Utility Coordination
 - Material and shop drawing submittals
 - Permits / Regulations
 - Traffic Control
- 2.3 Progress Meeting(s) Prepare for and attend progress meeting(s) with the Contractor(s) or when requested by the Project Manager and/or Client.

Seven (7) meetings anticipated

2.4 Attend Stakeholder meetings with individuals and business owners affected by the project as appropriate to inform of construction progress and coordination needs.

No meetings anticipated

- 2.5 Project Files -- Olsson will set up, utilize and maintain appropriate project files related to the project. Included in the files will be all project correspondence, change orders, meeting minutes, contracts, plans and specifications, traffic control plans (if necessary), Project Photo Log, Requests for Information (RFIs), material certifications, test reports, inspector's Daily Reports.
- 2.6 Street Closure Notification Olsson will provide Information for all street, lane, and pedestrian closures by Thursday for the following week's construction schedule to City of Lincoln Engineering Services
- 2.7 Shop Drawing and Materials Submittal Processing Olsson will be responsible for logging in and distributing Contractor submitted Shop Drawings and Materials related to the project to the Design Engineer for review, as well as returning the marked-up Shop Drawings to the Contractor after review.
- 2.8 Reports Olsson will provide the following for the project's records and Client:
 - Any conflicts of field conditions with the plans that may potentially increase costs and/or time needed to complete project
 - Status of Field Testing and other Field Acceptance testing

- 2.9 Contractor Quantity Tracking Olsson shall monitor by regular site visits that the quantities are accurate and complete. Contractor quantity reports will be generated monthly.
- 2.10 Change Management Olsson shall inform and verify any field modifications with the Client prior to authorization of work. Olsson will Prepare Contract Change Orders (modifications) and Work Change Directives associated with the project for Client approval. Construction Contract Change Orders will be prepared utilizing newly approved or existing contract unit values.

Task 300 - Construction Inspection and Testing

- 3.1. Olsson shall document pre-construction conditions of the project site with photos for comparison and any dispute resolution during and/or after construction.
- 3.2. Olsson shall conduct field inspections of the project to check that the on-going progress and construction is completed in accordance with the contract documents and permits. In general, it is expected that an appropriate level of on-site inspection of the Contractor's work is varied.
- 3.3. Olsson shall prepare and keep detailed notes, computations and measurements; records of quantities of pay items used in the work; and the tests, certifications, or basis of acceptance of these materials; and a daily record of the contractor's operations. Document all inspections in the field by photos, measurements, computations and/or observations as logged within the Daily Progress Reports (DPR's). DPR's will be prepared using traditional formats and weekly summaries will be provided.
- 3.4. Olsson shall consult with the Client and Engineer of Record, regarding alignment changes, utility conflicts, change authorizations and change orders
- 3.5. Olsson shall provide random/periodic review compliance of traffic control and ADA signing maintenance throughout the duration of the project, if necessary. Specifically, at the beginning, at phase changes, and end of the project.
- 3.6. Olsson shall conduct a project walk through with the Client, Engineer of Record and the Contractor to determine and document substantial and final completion.
- 3.7. Olsson shall verify that materials incorporated into the project are those approved by the Contract Documents and Project Specifications and are on the latest version of the City and/or NDOT Approved Products List, unless approved by the Engineer.
- 3.8. Olsson shall perform field tests for quality assurance related to the soils, asphalt, concrete, and aggregate materials. All testing will be according to the local Industry Standards, Contract Documents and Project Specifications. The testing methods and frequencies shall be as follows:

Embankment and Structural Backfill

- Perform a Standard Proctor test to obtain the maximum dry density and optimal moisture content of the soil.
- Field-testing shall be completed with nuclear gauge to provide an assessment of moisture and density for the contractor's benefit.

- Locations shall be a minimum of 300 LF and adjacent to each structure as determined by Olsson.
- Olsson's Project Manager shall have the authority to adjust testing depths (and locations) to avoid damaging the installed facility and to affectively represent the area to be tested.
- Alternate methods of situ testing may be used upon request of the owner with approval of the Client Project Manager.

Concrete Testing

- Olsson shall test the initial load of concrete for slump, temperature and air, cast one set of concrete cylinders with additional testing and cylinders for every 300 cubic yards of construction.
 - One (1) set of 5 anticipated.
- Olsson shall test the initial load of concrete for slump, temperature and air and cast one set of concrete cylinders for each hand pour exceeding 10 cubic yards.
- 3.9. Olsson shall maintain the test reports in the project files.
- 3.10. Olsson will assist the Client with coordination of utility companies that are involved with the project to identify any conflicts that could result in delays to the Project and Contractor's schedule as the project progresses. The Client will be responsible to lead efforts regarding private utility coordination.
- 3.11. Olsson will note on the plans any changes to the work or features discovered in the field and furnish copies for the Client. Olsson will coordinate with the Construction Contractor for additional information or clarifications needed.

Task 400 - Project Closeout

- 5.1. Upon notice of completion by the Contractor, Olsson will field measure applicable items of work and prepare final estimates of installed quantities. The Project Manager will review the project records prior to the submission of a Final Quantity estimate for the project. Olsson will also prepare and submit the Final Quantity Estimate associated with the project. Olsson will furnish the appropriate project records and transmit them to the Client.
- 5.2. Document "punch list" items; prepare necessary correspondence to the Contractor related to punch list and project completion. Conduct project walk through with the Client, Engineer of Record and the Contractor to determine and document substantial completion. Prepare necessary correspondence to the Contractor related to punch list and project completion. including liquidated damages.
- 5.3. Olsson shall provide to the Client, written declaration of substantial and final completion
- 5.4. Perform follow-up inspections after notification of resolution regarding nonconforming work prior to authorizing final payment.
- 5.5. Provide project debriefing with Client if requested.

SCHEDULE FOR OLSSON'S SERVICES

Unless otherwise agreed, Olsson expects to perform its services covered by this Amendment as follows:

Anticipated Start Date: August 1, 2023
Contractor Start Date: September 1, 2023
Contractor Completion Date: October 30, 2023
Anticipated Completion Date: December 31, 2023

Olsson will endeavor to start its services on the Anticipated Start Date and to complete its services on the Anticipated Completion Date. However, the Anticipated Start Date, the Anticipated Completion Date, and any milestone dates are approximate only, and Olsson reserves the right to adjust its schedule and any or all of those dates at its sole discretion, for any reason, including, but not limited to, delays caused by Client or delays caused by third parties.

COMPENSATION

For the additional Scope of Services specifically set forth in this Amendment, Client shall pay Olsson the following fee in addition to the fee(s) set forth in the Agreement:

Client shall pay to Olsson for the performance of the Scope of Services, the actual time of personnel performing such services in accordance with the Labor Billing Rate Schedule(s), and all actual reimbursable expenses in accordance with the Reimbursable Expense Schedule attached to this agreement. Olsson shall submit invoices on a monthly basis, and payment is due within 30 calendar days of invoice date.

Olsson's Scope of Services will be provided on a time-and-expense basis not to exceed \$48,825.00.

TERMS AND CONDITIONS OF SERVICE

All provisions of the original Agreement not specifically amended herein shall remain unchanged.

If this Contract Amendment satisfactorily sets forth your understanding of our agreement, please sign in the space provided below. Retain a copy for your files and return an executed original to Olsson. This proposal will be open for acceptance for a period of 30 days from the date set forth above, unless changed by us in writing.

OLSSON, INC.

Dan Lightbody, P.E.

Brian Juéneman, PMF

By signing below, you acknowledge that you have full authority to bind Client to the terms of this Amendment. If you accept this Amendment, please sign:

LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT

By		
•	Signature	
Printed Name _		
Title		Dated:

<u>Attachments</u>

Standard Labor Rate Schedule Reimbursable Expense Schedule Engineering Calculation Worksheet

Olsson 2023 Billing Rate Schedule

<u>Description</u>	<u>Ra</u>	ng	<u>e</u>
Principal	\$140.00	-	\$463.00
Project Manager	\$129.00	-	\$254.00
Project Professional	\$104.00	-	\$237.00
Assistant Professional	\$71.00	-	\$173.00
Designer	\$90.00	-	\$210.00
CAD Operator	\$59.00	-	\$133.00
Survey	\$56.00	-	\$181.00
Construction Services	\$49.00	-	\$254.00
Administrative/Clerical	\$47.00	-	\$159.00

Note:

- Special Services not included in above categories will be provided on a Special Labor Rate Schedule
- 2. Rates subject to change based upon updates to Billing Rates for upcoming year.



REIMBURSABLE EXPENSE SCHEDULE

The expenses incurred by Olsson or Olsson's independent professional associates or consultants directly or indirectly in connection with the Project shall be included in periodic billing as follows:

Classification	Cost
Automobiles (Personal Vehicle) Suburban's and Pick-Ups Automobiles (Olsson Vehicle)	\$0.655/mile* \$0.75/mile* \$95.00/day
Other Travel or Lodging Cost	Actual Cost
Meals	Actual Cost
Printing and Duplication including Mylars and Linens In-House Outside	Actual Cost Actual Cost+10%
Postage & Shipping Charges for Project Related Materials including Express Mail and Special Delivery	Actual Cost
Film and Photo Developing Telephone and Fax Transmissions Miscellaneous Materials & Supplies Applicable to this Project Copies of Deeds, Easements or other Project Related Documents Fees for Applications or Permits Sub-Consultants Taxes Levied on Services and Reimbursable Expenses	Actual Cost+10% Actual Cost+10% Actual Cost+10% Actual Cost+10% Actual Cost+10% Actual Cost+10% Actual Cost

^{*}Rates consistent with the IRS Mileage Rate Reimbursement Guidelines (Subject to Change).

	05-Jun-23 Dead Mans Run at 70th St. (Const. Phase Services)				LABOR	HOURS							E	(PENSES					<u>TO1</u>	ALS	
Phase/ Task	Ì	Project Manager/ Engineer	Construction Manager	Materials Testing Manager	Sr. Construction Technician	Construction Technician	Material Testing Technician	Survey	Admin/ Clerical	SWPP inspection (Monthly)		Concrete Cylinders (EA)	Atterburg Limits (EA)	Standard Proctor (EA)	Travel, mile (Car)	Travel, mile (CNSV Vehicle)		Total Man-Days	Total Labor Fee	Total Expense Fee	Total Fee
																		-	\$ -	\$ -	\$ -
100	Project Management																	-	\$ -	\$ -	\$ -
	General Project Management - 12 weeks	8.00	+						5.00									1.63	\$ 1,590.00	\$ -	\$ 1,590.00
																		-	\$ -	\$ - \$ -	\$ -
200	Construction Management																	-	\$ -	\$ -	\$ -
		1																-	\$ -	\$ -	\$ -
	Construction Management - 8 weeks		48.00						5.00						200.00			6.63	\$ 7,790.00	\$ 125.00	\$ 7,915.00
	Meetings (Pre-con and 7 Progress)	8.00	8.00												200.00	200.00		2.00	\$ 2,480.00	\$ 275.00	\$ 2,755.00
																		-	\$ -	\$ -	\$ -
300	Construction Inspection and Testing																	-	\$ -	\$ -	\$ -
	Inspection & Reporting 60 days (52 days)		+		286.00				1							1500.00		- 35.75	\$ 30,030.00	\$ - \$ 1.125.00	\$ - \$ 31,155.00
	inspection & Reporting 60 days (32 days)		1		200.00											1300.00		-	\$ 30,030.00	\$ 1,125.00	\$ 31,133.00
																		<u> </u>	\$ -	\$ -	\$ -
	Material Testing	1	1	5.00					5.00			5.00	1.00	1.00		100.00		1.25	Ψ	Ψ	\$ 1,265.00
	material rooting			0.00					0.00			0.00	1.00	1.00		100.00		-	\$ -	\$ -	\$ -
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		1	1															-	\$ -	\$ -	\$ -
																		-	\$ -	\$ -	\$ -
400	Project Closeout																	-	\$ -	T	\$ -
	Substantial Completion and Walk Thru/Punchlist	2.00	2.00		2.00										40.00	40.00		0.75			
	Project Closeout Documentation / Final Quantities		2.00		4.00													0.75			\$ 730.00
	Final Completion		2.00		6.00											100.00		1.00		_	_
	December Drawings	2.00	2.00		0.00										40.00	40.00		1.50	\$ -	\$ -	\$ -
	Record Drawings	2.00	2.00		8.00				1						40.00	40.00			\$ 1,460.00 \$ -	\$ 55.00 \$ -	<u> </u>
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GRAND	TOTAL	20.0	64.0	5.0	306.0	0.0	0.0	0.0	15.0	0.0	0.0	5.0	1.0	1.0	480.0	1980.0	0.0	51.26	\$ 46,725.00	\$ 2,100.00	\$ 48,825.00