


SUBJECT: Award of bid number 22-150B O'Brien Creek Fish Passage Improvements to Dirtworks, Inc. for the contract amount of \$858,479.

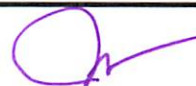




AGENDA OF: June 21, 2022

ASSEMBLY ACTION:

*Approved under the Consent
Agenda 6-21-22* 

MANAGER RECOMMENDATION: Present to the Assembly for consideration.

APPROVED BY MICHAEL BROWN, BOROUGH MANAGER: 

Route To:	Department/Individual	Initials	Remarks
	Purchasing Officer		
	Public Works Director		
	Finance Director		
	Borough Attorney		
	Borough Clerk		

ATTACHMENT (S) : Fiscal Note: Yes ☒ No ☐
 Analysis Sheet (1p)
 Scope of Work (2p)

SUMMARY STATEMENT: On May 11, 2022, the Matanuska-Susitna Borough Purchasing Division issued a solicitation requesting bids from qualified contractors to supply labor, materials, equipment, and supplies to install (1) 54 linear feet of an aluminum box culvert 15'-6" span, 7'-3" rise, (2) 49.5 linear feet of an aluminum box culvert 13'-3" span, 6'-8" rise and (3) 58.5 linear feet of an aluminum box culvert 15'-6" span, 7'-3" rise. Construction of approximately 345 linear feet of anadromous stream channel, including vegetated banks, toe wood, and habitat features. The project will upgrade the existing 2 unpaved roads and 1 paved road to MSB residential standards. This project will involve, but is

not limited to, clearing, grubbing, unclassified excavation, approximately 6,180 tons of Borrow, Type B, approximately 2,274 tons of Borrow, Type IIA, approximately 595 tons of Aggregate Surface Course, Grading E-1, approximately 300 tons of Ditch Lining. Additional items include removal of the existing culvert, planting of trees, stream diversion and dewatering, and topsoil and seeding. Construction Services purchased will support the Public Works Department in assembly districts #3, #4, and #5.

In response to the advertisement, nine bids were received. Award recommendation is being made to Dirtworks, Inc. as the lowest responsive and responsible bidder based on Total Bid Amount.

The substantial completion date for this project is September 30, 2022 with the final completion of June 30, 2023.

In accordance with MSB 3.08.170(B), Administration requests authority to modify the resulting contract completion date by 30 days for unforeseen circumstances.

The Public Works Department, Project Management Division will be administering the contract.

RECOMMENDATION OF ADMINISTRATION: Award of **BID NUMBER 22-150B O'BRIEN CREEK FISH PASSAGE IMPROVEMENTS** to **DIRTWORKS, INC.** for the contract amount of **EIGHT HUNDRED FIFTY EIGHT THOUSAND FOUR HUNDRED SEVENTY NINE DOLLARS AND 00/100 CENTS (\$858,479.00)**.

MATANUSKA-SUSITNA BOROUGH
FISCAL NOTE

Agenda Date: June 21, 2022

SUBJECT: Award of bid number 22-150B O'Brien Creek Fish Passage Improvements to Dirtworks, Inc. for the contract amount of \$858,479.00.

ORIGINATOR: Purchasing

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT <input checked="" type="radio"/> YES <input type="radio"/> NO
AMOUNT REQUESTED <u>858,479.00</u>	FUNDING SOURCE <u>RSA Capital Projects</u>
FROM ACCOUNT # <u>410.000.000 4XX.XXX</u>	PROJECT # <u>30114, 30040</u>
TO ACCOUNT :	PROJECT #
VERIFIED BY: <u>Murcum</u>	CERTIFIED BY:
DATE: <u>6/7/22</u>	DATE:

EXPENDITURES/REVENUES:

(Thousands of Dollars)

OPERATING	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027
Personnel Services						
Travel						
Contractual						
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						

CAPITAL		<u>858.5</u>				
---------	--	--------------	--	--	--	--

REVENUE						
---------	--	--	--	--	--	--

FUNDING:

(Thousands of Dollars)

General Fund						
State/Federal Funds						
Other		<u>858.5</u>				
TOTAL		<u>858.5</u>				

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

PREPARED BY: _____ PHONE: _____
 DEPARTMENT: _____ DATE: _____
 APPROVED BY: Chapman Hendel DATE: 6/8/22

DETAILED BID TABULATION: 22-150B**O'Brien Creek Fish Passage Improvements**

	BIDDERS				
	Dirtworks, Inc.	Ficklin Construction	Pruhs Construction	Drennon Construction	Engineers Estimate
SCHEDULE A – ROYAL LANE					
Total Bid Amount (Schedule A - Royal Lane)	\$277,232.50	\$262,391.13	\$298,278.00	\$278,543.50	\$288,420.56
SCHEDULE B – O'GRADY DRIVE					
Total Bid Amount (Schedule B - O'Grady Drive)	\$356,662.50	\$387,316.13	\$377,052.00	\$391,787.50	\$310,818.31
SCHEDULE C – RUBACABA ROAD					
Total Bid Amount (Schedule C - Rubacaba Road)	\$224,584.00	\$261,870.25	\$243,382.00	\$259,316.00	\$303,235.31
TOTAL AMOUNT BID (Sum of Schedule A, B, and C)	\$858,479.00	\$911,577.50	\$918,712.00	\$929,647.00	\$902,474.18

	BIDDERS				
	Big Dipper Construction	Western Construction	Granite Construction	JTA Construction	Tutka
SCHEDULE A – ROYAL LANE					
Total Bid Amount (Schedule A - Royal Lane)	\$350,857.92	\$336,027.00	\$361,515.00	\$459,647.00	\$485,175.00
SCHEDULE B – O'GRADY DRIVE					
Total Bid Amount (Schedule B - O'Grady Drive)	\$413,464.69	\$495,238.00	\$474,480.00	\$619,413.50	\$656,353.00
SCHEDULE C – RUBACABA ROAD					
Total Bid Amount (Schedule C - Rubacaba Road)	\$299,904.32	\$321,022.00	\$346,825.00	\$410,113.50	\$487,578.00
TOTAL AMOUNT BID (Sum of Schedule A, B, and C)	\$1,064,226.93	\$1,152,287.00	\$1,182,820.00	\$1,489,174.00	\$1,629,106.00

AM 22-083

BID 22-150B
O'Brien Creek Fish Passage Improvements
SCOPE OF WORK

General

This project's purpose is to supply all labor, equipment, materials, and supplies to construct new fish passage projects at three different locations along O'Brien Creek. O'Brien Creek is an anadromous stream located southwest of Wasilla in Knik-Fairview. O'Brien Creek outlets into Knik Arm of Cook Inlet below the high bluff where Knik-Goose Bay Road is located. Location of these three (3) crossings are Rubacaba Street (ADF&G 20501222), O'Grady Drive (ADF&G 20501203), and Royal Lane (ADF&G 20501223).

The Rubacaba Street site will consist of replacing two existing three-foot diameter culverts with a new aluminum box culvert. Road replacement type is paved. A temporary bypass road is not required since the road can be temporarily closed to traffic. A temporary creek diversion channel is required.

The O'Grady Drive site will consist of replacing one three-foot diameter culvert with a new aluminum box culvert and a pipe arch overflow culvert. Road replacement type is gravel. A temporary bypass road for the site is required since the road cannot be temporarily closed. A temporary creek diversion channel is required.

Royal Lane will consist of replacing one three-foot diameter culvert with a new aluminum box culvert and a pipe arch overflow culvert. Road replacement type is gravel. A temporary bypass road is not required since the road can be temporarily closed to traffic. A temporary creek diversion channel is required.

All construction shall be completed in accordance with the Alaska Department of Transportation and Public Facilities (ADOT&PF) Standard Specifications for Highway Construction (SSHC) 2017 Edition, MSB standard modifications, and project-specific special provisions. The requirements contained in these specifications and special provisions are hereby made a part of this solicitation and resultant contract.

Access to Rubacaba Street: From Wasilla continue 9.6 miles southwest on the South Knik Goose Bay Road, turn north onto Bogle Bluff Drive. Follow Bogle Bluff Drive north for approximately 0.6 miles to an intersection, stay right at the intersection and continue west for 0.4 miles to West Vecera Drive, turn north at the intersection onto West Vecera Drive, continue 0.35 miles. West Vecera Drive will turn at Rubacaba Street. Project site at 0.35 miles from last turn. Site coordinates are 61.48331°, -149.65999°.

Access to O'Grady Drive: From Wasilla continue 10.9 miles southwest on the South Knik Goose Bay Road, turn south onto Royal Lane. Follow Royal Lane south and east for approximately 0.6 miles. Turn north onto O'Brien Creek Drive and follow for 0.3 miles until O'Grady Drive, turn north continue 0.1 miles until at project site. Site coordinates are 61.48895°, -149.67320°.

Access to Royal Lane: From Wasilla continue 10.9 miles southwest on the South Knik Goose Bay Road, turn south onto Royal Lane. Follow Royal Lane south and east for approximately 0.4 until at project site. Site coordinates are 61.48391°, -149.68298°.

Contractor is to provide resources to complete this project without any adjustments in the original bid amount or contract time. Estimated project magnitude is less than \$900,000.

Time is of the essence. Work shall be performed in one continuous time period. Substantial completion including but not limited to all work below ordinary high water mark shall be achieved by **September 30, 2022**. Final completion shall be achieved by **June 30, 2023**.

A detour road shall be constructed at O'Grady Drive within the project boundary and temporary construction easement. No road closure is permitted at the O'Grady Drive site.

AM 22-083

Rubacaba Street and Royal Lane locations will be allowed road closures during construction not exceeding 21 calendar days at each site. The road closures shall not take place at the same time or overlap for any duration. Road closures shall be restricted to project limits. Redirection of the traveling public to the detour route shall be properly signed and/or flagged by the Contractor. Contractor shall submit TTCP's for approval by MSB, and upon approval wait at least one week prior to implementation to allow for proper public notice.

Contractor shall comply with all required permits, included in Section VIII Attachments. TWUA A2021-04 is being renewed and will be provided prior to construction. The contractor shall obtain an Aquatic Resources Permit from the Alaska Department of Fish and Game (ADF&G). Permit information is available online here: http://www.ADF&G.alaska.gov/index.cfm?ADF&G=otherlicense.aquatic_resource

Contractor must wash equipment prior to moving it on site to ensure that the spread of invasive plant species is prevented. Notify MSB when washing takes place and provide documentation of washing activities prior to mobilizing.

All permanent proposed culverts are owner supplied. Any culverts required for temporary stream bypass channels are not owner-supplied. See special provision section 602 and 603.

Contractor shall request locates from the utilities having facilities in the area. Use the Alaska Digline, Inc. Locate Call Center for the utilities. See Section 105-1.06 for digline number and a list of utility companies in the area. Contractor shall coordinate the road improvements with all utility relocation work.

Work Zone speed limit: Limit speed of vehicles associated with the construction to 10 mph within project limits.

Park within the public right-of-way. Do not block private property. Complete work between 0700 to 1900 hours. Longer work days may be permitted during periods of road closure or lane restrictions if no active residences are in the immediate project vicinity. Written approval must be obtained from the Matanuska-Susitna Borough (MSB) prior to extending work hours.

In addition to other contract requirements, the Contractor shall notify the ADF&G and MSB a minimum of 48 hours prior to the following construction milestones:

- Washing equipment before mobilization.
- The initial excavation at the start of the project.
- Diverting stream flows into the diversion channel/bypass culvert.
- Placement of new box culvert to allow for inspection of bedding materials and finished grade.
- Placement of stream substrate in the stream channel and in the culvert.
- Rewatering of the installed box culvert and stream bed (diverting stream flows back into the constructed channel and culvert).
- Bank Reconstruction

A representative from the ADF&G Habitat office shall be given the opportunity to be onsite during stream diversion and dewatering of the constructed channel to relocate trapped fish. If the ADF&G declines the opportunity to be onsite, the Contractor is responsible for relocating trapped fish in accordance with a valid Aquatic Resource Permit.

An "Inspection Checklist" is included in Attachment A to assist the contractor and inspector and it shall be consulted by both parties during the project construction as indicated for each phase.