



ADDENDUM TO THE CONTRACT

for the

GRUENING PARK LIFT STATION STAND-ALONE LIFT STATION Contract No. BE21-264

ADDENDUM NO.: THREE

CURRENT DEADLINE FOR BIDS:
July 8, 2021

PREVIOUS ADDENDA: TWO

ISSUED BY: City and Borough of Juneau
ENGINEERING DEPARTMENT
155 South Seward Street
Juneau, Alaska 99801

DATE ADDENDUM ISSUED: June 30, 2021

The following items of the contract are modified as herein indicated. All other items remain the same. This addendum has been issued and is posted online. Please refer to the CBJ Engineering Contracts Division webpage at: <https://juneau.org/engineering-public-works/current-bids-and-rfps>

INFORMATION:

- ❖ The ADEC Temporary Bypass Plan is attached (2 pages)
- ❖ Pump Specifications are attached (22 pages)
- ❖ Control Panel Information is attached (95 pages)

PROJECT MANUAL:

- Item No. 1 SECTION 00030 NOTICE INVITING BIDS, Completion of Work
Change the Completion of Work **to**:
- “a. New Pump Station placed in service, fully operational and accepted by November 19, 2021. This work includes completion of the concrete slab around the pump station.
 - b. Security fencing and site lighting shall be completed no later than November 24, 2021
 - c. All remaining work and FINAL COMPLETION – May 1, 2022”
- Item No. 2 SECTION 00310 BID SCHEDULE
Delete and **replace** Section 00310 Bid Schedule **with** the attached Bid Schedule labeled Addendum 3.
- Item No. 3 SECTION 00500 AGREEMENT, Article 2 – Contract Completion Time
Change the Contract Completion time **to**:
- “a. New Pump Station placed in service, fully operational and accepted by November 19, 2021. This work includes completion of the concrete slab around the pump

- station.
- b. Security fencing and site lighting shall be completed no later than November 24, 2021
- c. All remaining work and FINAL COMPLETION – May 1, 2022”

Item No. 4 SECTION 00500 AGREEMENT, Article 4 – Liquidated Damages
Delete and **replace** Article 4 **with** the following Article 4:

ARTICLE 4. LIQUIDATED DAMAGES.

OWNER and the CONTRACTOR recognize that time is of the essence of this Agreement and that the OWNER will suffer financial loss if the WORK is not completed within the time specified in Article 2 herein, plus any extensions thereof allowed in accordance with Article 12 of the General Conditions. They also recognize the delays, expense, and difficulties involved in proving in a legal proceeding the actual damages suffered by the OWNER if the WORK is not completed on time. Accordingly, instead of requiring any such proof, the OWNER and the CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) the CONTRACTOR shall pay the OWNER for each Day that expires after the completion time specified in Article 2 herein. The amount of liquidated damages specified below is agreed to be a reasonable estimate based on all facts known as of the date of this Agreement.

<u>Work Description</u>	<u>Completion Date</u>	<u>Liquidated Damages</u>
New Pump Station	November 19, 2021	\$500 per day
Security Fencing and Site Lighting	November 24, 2021	\$300 per day
Final Completion	May 1, 2022	\$500 per day

Item No. 5 SECTION 00800 SUPPLEMENTARY GENERAL CONDITIONS, SGC 4.6 USE OF THE CBJ/STATE LEMON CREEK GRAVEL PIT, Paragraph C
Delete and **replace** Paragraph C **with** the following Paragraph C:

“C. The CONTRACTOR is required to execute a User Agreement and associated Individual Mining Plan for a specific gravel source with the CBJ prior to beginning operations within the gravel source. The CONTRACTOR shall comply with all additional terms and conditions stipulated in the User Agreement. The CONTRACTOR must contact the CBJ Engineering Department, Material Sources Management to obtain a User Agreement and additional conditions for the extraction.”

Item No. 6 SPECIAL PROVISIONS, SECTION 01025 MEASUREMENT AND PAYMENT, Part 1
Add the following Paragraph 1.4:

“1.4 TRAFFIC CONTROL (Pay Item No. 1550.1) PRICE BASED ON LUMP SUM PAY UNIT

- a. Measurement and payment for Traffic Control will be based upon the completion of the entire WORK as a Lump Sum Pay Unit, complete, all in accordance with the requirements of the Contract Documents.

- b. Traffic Control will include all resources to prepare a Traffic Control Plan (TCP), to provide, install and maintain traffic control devices for the duration of the project. This includes, but is not limited to, temporary post-mounted signs, portable traffic control signs, cones, drums, barricades, flaggers, sign supports, and warning lights required for working. Furnishing and installing all temporary construction fencing and boardwalks necessary during construction to maintain safe pedestrian access through the work zone. In addition the project will require portable electronic message boards be installed for the duration of the project. The TCP shall be in conformance with the State of Alaska Department of Transportation and Public Facilities (ADOT&PF) Utility Permit and associated ADOT&PF requirements for Work within the ADOT&PF right-of-way.
- c. The Contractor shall coordinate traffic control with the ADOT JNU: Glacier Highway Improvements - Lemon Creek Area Project, which will be ongoing during the duration of this work.
- d. Payment for Traffic Control will be made at the amount shown on the Bid Schedule under Pay Item No. 1550.1, which payment will constitute full compensation for all WORK described in Section 01550 – Site Access and Storage, as shown on the Drawings, and as directed by the ENGINEER.”

Item No. 7 SPECIAL PROVISIONS, SECTION 01025 MEASUREMENT AND PAYMENT, Part 1, Paragraph 2.7 Road Cleaning and Mining Area Restoration Guarantee

Change the paragraph title **from** “ROAD CLEANING AND MINING AREA RESTORATION GUARANTEE”
to “MINING AREA RESTORATION AND ROAD CLEANING GUARANTEE.”

Item No. 8 SPECIAL PROVISIONS, SECTION 01025 MEASUREMENT AND PAYMENT, Part 1, Paragraph 2.8 Sheeting, Shoring, and Bracing
Add the following paragraph d:

“d. Payment for Sheeting, Shoring and Bracing also includes, but is not limited to, all sheeting, shoring and bracing required for installation of the drop manhole and all needed sheeting shoring and bracing to protect Glacier Hwy from this and associated excavations.”

Item No. 9 SPECIAL PROVISIONS, SECTION 01025 MEASUREMENT AND PAYMENT, Part 1, Paragraph 2.12 Sanitary Sewer Drop Manhole, Type I, Item b.
Delete “sheeting and bracing” from Item b.

Item No. 10 SPECIAL PROVISIONS, SECTION 01025 MEASUREMENT AND PAYMENT, Part 1, Paragraph 16.3 Gruneing Park Lift Station AEL&P and ACS Services
Delete and **replace** Paragraph 16.3 **with** the following:

“16.3 GRUENING PARK LIFT STATION AEL&P AND ACS COORDINATION (Pay Item No. 16000.3) PRICE BASED ON LUMP SUM PAY UNIT

- a. Measurement for payment of Gruening Park Lift Station AEL&P and ACS Coordination will be based upon the completion of the entire WORK as a Lump Sum Pay Unit, complete, all in accordance with the requirements of the Contract Documents.
- b. Gruening Park Lift Station AEL&P and ACS Coordination shall include coordination with AEL&P and ACS to disconnect the existing services to the existing lift station and to provide temporary and permanent service to the lift station including allowing the utilities time in the project schedule to complete their work. This pay item covers all coordination with the utilities to allow them to do their work. Utility conduit where required to be provided by the CONTRACTOR is included in this item. It includes all WORK necessary for a complete, working and acceptable installation.
- c. Payment for Gruening Park Lift Station AEL&P and ACS Coordination will be made at the amount shown on the Bid Schedule under Pay Item No. 16000.3, which payment will constitute full compensation for all WORK described in DIVISION 16000 – ELECTRICAL, as described in the Contract Documents and as directed by the ENGINEER.”

Item No. 11 **Add** the Following SPECIAL PROVISION

“SECTION 02402 Sanitary Sewer Manholes and Cleanouts, PART 3 – EXECUTION, Article 3.1, CONSTRUCTION, **add** the following paragraph:

- S. Construct Sanitary Sewer Manhole shall include new recycled rubber adjusting rings, new frame and cover, adjustment to finish grade, mira-dri water proofing system, kor-n-seal boots, new drop inlet pipe and install new manhole steps.”

Item No. 12 SPECIAL PROVISIONS, Section 02707 CHAIN LINK FENCE, PART 2 – PRODUCTS, Article 2.1, MATERIALS

Delete Paragraphs A and E **and replace with** the following Paragraphs A and E:

- “A. Fencing shall be temporary chain link fence, six (6) feet high, with top and bottom rails, and square footing (hoop shaped, approximately 16” x 36”, or approved equal), T-base style. Fence and all metal components shall be hot dipped galvanized.
- E. Mesh and wire size shall be two-thirds mesh, 0.148 inch in diameter. Wire shall be hot dipped galvanized before weave (GBW)”

DRAWINGS:

Item No. 1 SHEET C1 – DEMOLITION PLAN

Delete and replace Sheet Note 3 **with** the following:

- “3. Existing generator building and all appurtenances ARE to be abandon AND LEFT IN PLACE.”

- Item No. 2 SHEET C5 – LIFT STATION DETAILS
Delete and replace SHEET C5 **with** the attached SHEET C5.
- Item No. 3 SHEET E3 – NEW ELECTRICAL SITE PLAN, Sheet Notes 1 and 3
Delete the last sentence **from** Sheet Note numbers 1 and 3, which read “Pay utility for their work.”
- Item No. 4 SHEET E10 – LIGHT POLE & HANDHOLE DETAILS, Detail 2 – Light Pole Base Detail
Change the light pole base dimension burial depth **from** 96” **to** 72”.



By: _____
Greg Smith,
Contract Administrator

Total number of pages contained within this Addendum:
7 plus 119 pages of informational attachments

SECTION 00310 - BID SCHEDULE

BASE BID

PAY ITEM NO.	PAY ITEM DESCRIPTION	PAY UNIT	APPROX. QUANTITY	UNIT PRICE		AMOUNT	
				DOLLARS	CENTS	DOLLARS	CENTS
1505.1	Mobilization	Lump Sum	All Req'd	LUMP	SUM		
1550.1	Traffic Control	Lump Sum	All Req'd	LUMP	SUM		
1570.1	Erosion and Sediment Control	Lump Sum	All Req'd	LUMP	SUM		
2050.1	Demolition of Existing Lift Station	Lump Sum	All Req'd	LUMP	SUM		
2201.1	Clearing and Grubbing	Lump Sum	All Req'd	LUMP	SUM		
2202.1	Excavation	CY	550				
2202.2	Borrow	CY	440				
2202.3	Shot Rock Borrow	CY	370				
2202.4	Sideslope Grading	Lump Sum	All Req'd	LUMP	SUM		
2202.5	Mining Area Restoration and Road Cleaning Guarantee	Contingent Sum	All Req'd	CONT.	SUM	\$5,000	00
2203.1	Sheeting, Boring, and Bracing	Lump Sum	All Req'd	LUMP	SUM		
2204.1	2-Inch Minus Shot Rock w/ Base Course	CY	120				
2401.1	Sanitary Sewer Pipe, 12-Inch PVC	LF	65				
2401.2	Pressure Sewer Pipe (Force Main), 12-Inch HDPE	LF	70				
2402.1	Sanitary Sewer Manhole, Type I	Lump Sum	All Req'd	LUMP	SUM		
2602.1	12-Inch Eccentric Plug Valve	Lump Sum	All Req'd	LUMP	SUM		
2702.1	Construction Surveying	Lump Sum	All Req'd	LUMP	SUM		
2707.1	6' Temporary Chain Link Fence	Lump Sum	All Req'd	LUMP	SUM		
2801.1	AC Pavement, Type II-A, Class B	Ton	113				
2806.1	Remove Existing Asphalt Surfacing	Lump Sum	All Req'd	LUMP	SUM		
11176.1	Gruening Park Lift Station	Lump Sum	All Req'd	LUMP	SUM		
11176.2	Gruening Park Control Panel Rack	Lump Sum	All Req'd	LUMP	SUM		
16000.1	Gruening Park Lift Station Electrical	Lump Sum	All Req'd	LUMP	SUM		
16000.2	Gruening Park Portable Generator	Lump Sum	All Req'd	LUMP	SUM		
16000.3	Gruening Park Lift Station Electrical AEL&P and ACS Coordination	Lump Sum	All Req'd	LUMP	SUM		

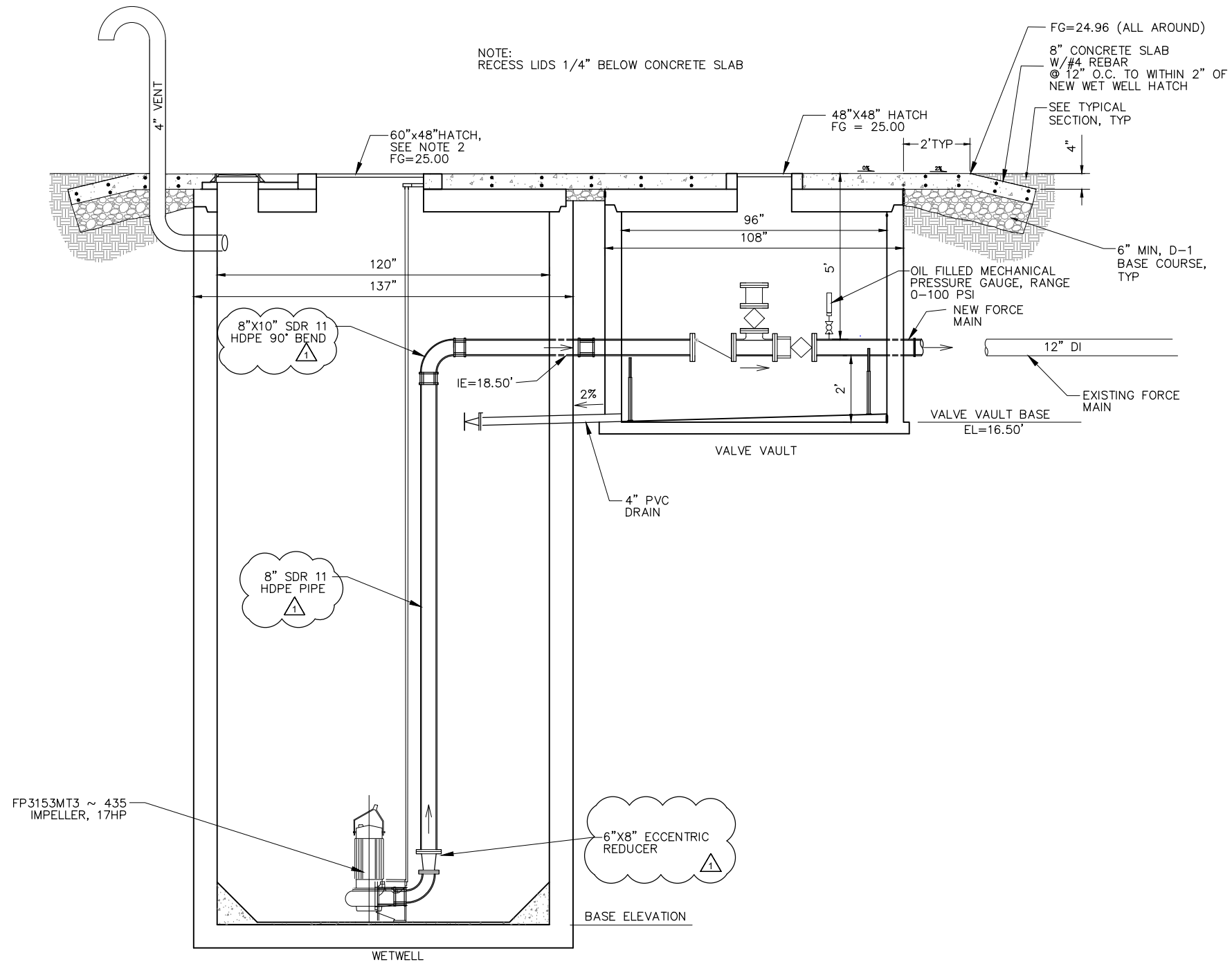
TOTAL BASE BID _____

Additive Alternate No. 1				UNIT PRICE		AMOUNT	
PAY ITEM NO.	PAY ITEM DESCRIPTION	PAY UNIT	APPROX. QUANTITY	DOLLARS	CENTS	DOLLARS	CENTS
2605.1	2-Inch Water Service	Lump Sum	All Req'd	LUMP	SUM		

TOTAL ADDITIVE ALTERNATE NO. 1 _____

COMPANY NAME: _____

C:\dowl_pw\0391136\SC-CS-UT-DT-50081-01.dwg PLOT DATE 2021-6-28 12:38 SAVED DATE 2021-06-28 12:20 USER: ljoephison



LIFT STATION OPERATIONS PARAMETERS	
PEAK FLOW (GPM)	521
PUMP DESIGN FLOW-RATE (GPM)	710
BASE ELEVATION OF WET WELL (FT)	1.14
LOW LOW LEVEL ALARM (FT)	2.76
LOW LEVEL PUMPS OFF (FT)	3.59
ELEVATION OF LOWEST PIPE INLET (FT)	8.11
ACTIVE VOLUME (GALLONS)	1945
LEAD PUMP LEVEL ON (FT)	6.08
LAG PUMP LEVEL ON (FT)	6.90
HIGH LEVEL ALARM (FT)	7.75

*THIS IS THE INITIAL OPERATIONAL SCHEME FOR THE LIFT STATION. CONTRACTOR, IN PRESENCE OF ENGINEER, WILL MEASURE ACTUAL PUMP FLOW-RATES FOLLOWING INSTALLATION AND ADJUST THE PARAMETERS AS NECESSARY TO OPTIMIZE OPERATIONS. CONTRACTOR WILL COORDINATE WITH CBJ WASTEWATER WHEN OPTIMIZING OPERATIONS.

- NOTE:
1. CONSTRUCT LIFT STATION IN ACCORDANCE WITH CBJ STD DETAIL 220, UNLESS OTHERWISE NOTED ON THE PLANS. THE PLANS SHALL GOVERN ANY DIFFERENCES.
 2. CONTRACTOR SHALL COORDINATE WITH PUMP MANUFACTURER TO VERIFY HATCH DIMENSIONS REQUIRED FOR PUMP MODEL PRIOR TO PURCHASING THE HATCH.
 3. ALL CONNECTIONS SHALL BE BUTT FUSED. ELECTROFUSION COUPLINGS, WHERE REQUIRED, MAY ONLY BE USED WITH THE APPROVAL OF THE ENGINEER.

1 LIFT STATION SCHEMATIC PROFILE
C7 NTS

REV	DATE	DESCRIPTION	BY	CAN
1	6/28/21	PIPE SIZE CHANGES		



DOWL
AECL848

WWW.DOWL.COM

3535 College Road, #100
Fairbanks, Alaska 99709
907-374-0275

GRUENING PARK LIFT STATION
RELOCATION
JUNEAU, ALASKA
LIFT STATION DETAILS

PROJECT 1529.50081.01
DATE 4/19/2020