



# MONTANA FISH, WILDLIFE & PARKS

## ADDENDUM NO. 4

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TO: ALL BIDDERS OF RECORD

PROJECT: Frenchtown Entry Station Rehabilitation

FWP PROJECT #: 7196145

DATE: 2/16/23

FROM: Kevin Harrington, Project Manager

**Acknowledge receipt of this addendum by inserting its number and date in the Proposal Form and on the Bid Envelope. Failure to do so may subject bidder to disqualification.**

This Addendum forms a part of the Contract Documents. Clarification and/or modifications area as follows:

### Project clarification:

- **Electrical service to be trenched from existing location to the outside of the new structure.**
- **Site plan attached showing existing electrical site plan throughout the park.**
- **Replace: Existing proposal sheet with new revised proposal sheet.**

**\*\* note Item#4 10'x14' - 4" concrete slab has been removed from project and the pre-fabricated structure shall be placed on a 6" compacted crushed base course base.**

- **Quantity adjustment for Bid Item # 5**

**Concrete filled steel bollards total installed from 8 total installed to 4 (see new proposal sheet)**

**END OF ADDENDUM NO. 4**

**PROPOSAL**

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**FWP# 7196145**

**Montana Fish, Wildlife & Parks  
Design and Construction  
PO Box 200701  
1522 Ninth Avenue  
Helena, Montana 59620-0701**

The undersigned, having familiarized themselves with the conditions of the work and the contract documents as prepared by; **Kevin Harrington, FWP, Design and Construction 1522 East 9<sup>th</sup> Ave. Helena, Montana 59601; Phone (406) 841-4002**, agrees to furnish all labor, materials, equipment, and services necessary to complete all general construction work, as bid herein, for a project entitled **FRENCHTOWN STATE PARK ENTRY STATION** in accordance with the Contract Documents including all Addenda. The bidder agrees to perform all the work described below at the price shown as follows:

**Reminder to Contractors: All Unit Prices must be filled in on the Bid Form for a valid bid (18-2-303 MCA).**

**Base Bid: FRENCHTOWN STATE PARK ENTRY STATION**

Item #	Description	Estimated Quantity	Unit Measure	Unit Price	Amount
1	Mobilization, Insurance, and Bonding	1	LS		
2	Site Demolition : Frenchtown State Park Entry	1	LS		
3	10'x14'Prefabricated Structure for Frenchtown State Park	1	LS		
4	6"- 3/4"- CBC Compacted Base including all prep work, material, & placement	3	CY		
5	New 6" Concrete Filled Steel Bollards	4	EA		
TOTAL:					

Contractor Name: \_\_\_\_\_

And certifies that he is a duly and regularly licensed contractor registered with the  
Montana Department of Labor and Industry:

Contractor Name: \_\_\_\_\_

FIRM NAME: \_\_\_\_\_

TELEPHONE #: \_\_\_\_\_ FAX#: \_\_\_\_\_

BY: \_\_\_\_\_

REGISTRATION # : \_\_\_\_\_

BUSINESS ADDRESS: \_\_\_\_\_

\_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

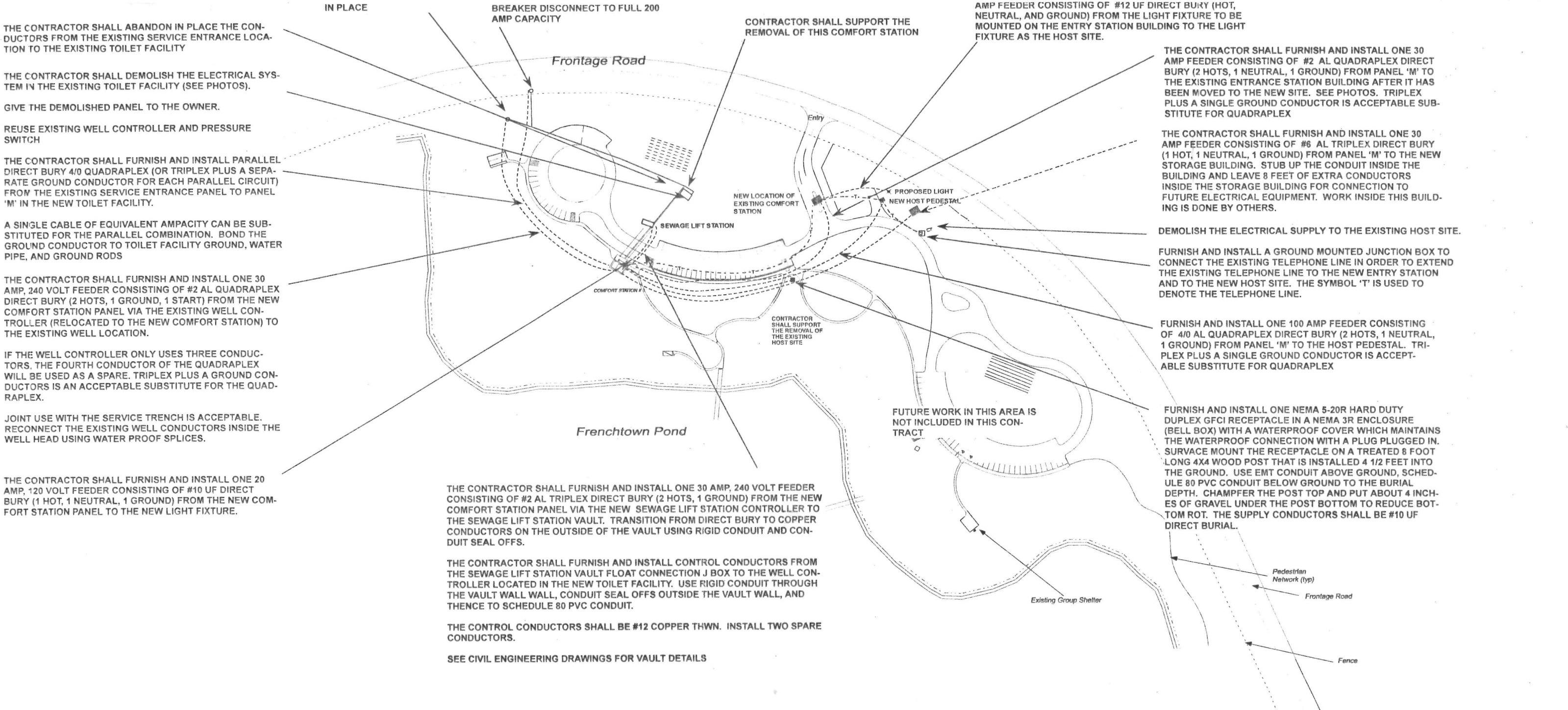
This bidder acknowledges receipt of the following addenda:

ADDENDUM NO. \_\_\_\_\_ DATED \_\_\_\_\_

ADDENDUM NO. \_\_\_\_\_ DATED \_\_\_\_\_

ADDENDUM NO. \_\_\_\_\_ DATED \_\_\_\_\_

Contractor Name: \_\_\_\_\_



THE CONTRACTOR SHALL ABANDON IN PLACE THE CONDUCTORS FROM THE EXISTING SERVICE ENTRANCE LOCATION TO THE EXISTING TOILET FACILITY

THE CONTRACTOR SHALL DEMOLISH THE ELECTRICAL SYSTEM IN THE EXISTING TOILET FACILITY (SEE PHOTOS).

GIVE THE DEMOLISHED PANEL TO THE OWNER.

REUSE EXISTING WELL CONTROLLER AND PRESSURE SWITCH

THE CONTRACTOR SHALL FURNISH AND INSTALL PARALLEL DIRECT BURY 4/0 QUADRAPLEX (OR TRIPLEX PLUS A SEPARATE GROUND CONDUCTOR FOR EACH PARALLEL CIRCUIT) FROM THE EXISTING SERVICE ENTRANCE PANEL TO PANEL 'M' IN THE NEW TOILET FACILITY.

A SINGLE CABLE OF EQUIVALENT AMPACITY CAN BE SUBSTITUTED FOR THE PARALLEL COMBINATION. BOND THE GROUND CONDUCTOR TO TOILET FACILITY GROUND, WATER PIPE, AND GROUND RODS

THE CONTRACTOR SHALL FURNISH AND INSTALL ONE 30 AMP, 240 VOLT FEEDER CONSISTING OF #2 AL QUADRAPLEX DIRECT BURY (2 HOTS, 1 GROUND, 1 START) FROM THE NEW COMFORT STATION PANEL VIA THE EXISTING WELL CONTROLLER (RELOCATED TO THE NEW COMFORT STATION) TO THE EXISTING WELL LOCATION.

IF THE WELL CONTROLLER ONLY USES THREE CONDUCTORS, THE FOURTH CONDUCTOR OF THE QUADRAPLEX WILL BE USED AS A SPARE. TRIPLEX PLUS A GROUND CONDUCTORS IS AN ACCEPTABLE SUBSTITUTE FOR THE QUADRAPLEX.

JOINT USE WITH THE SERVICE TRENCH IS ACCEPTABLE. RECONNECT THE EXISTING WELL CONDUCTORS INSIDE THE WELL HEAD USING WATER PROOF SPLICES.

THE CONTRACTOR SHALL FURNISH AND INSTALL ONE 20 AMP, 120 VOLT FEEDER CONSISTING OF #10 UF DIRECT BURY (1 HOT, 1 NEUTRAL, 1 GROUND) FROM THE NEW COMFORT STATION PANEL TO THE NEW LIGHT FIXTURE.

THE CONTRACTOR SHALL FURNISH AND INSTALL ONE 30 AMP, 240 VOLT FEEDER CONSISTING OF #2 AL TRIPLEX DIRECT BURY (2 HOTS, 1 GROUND) FROM THE NEW COMFORT STATION PANEL VIA THE NEW SEWAGE LIFT STATION CONTROLLER TO THE SEWAGE LIFT STATION VAULT. TRANSITION FROM DIRECT BURY TO COPPER CONDUCTORS ON THE OUTSIDE OF THE VAULT USING RIGID CONDUIT AND CONDUIT SEAL OFFS.

THE CONTRACTOR SHALL FURNISH AND INSTALL CONTROL CONDUCTORS FROM THE SEWAGE LIFT STATION VAULT FLOAT CONNECTION J BOX TO THE WELL CONTROLLER LOCATED IN THE NEW TOILET FACILITY. USE RIGID CONDUIT THROUGH THE VAULT WALL WALL, CONDUIT SEAL OFFS OUTSIDE THE VAULT WALL, AND THENCE TO SCHEDULE 80 PVC CONDUIT.

THE CONTROL CONDUCTORS SHALL BE #12 COPPER THWN. INSTALL TWO SPARE CONDUCTORS.

SEE CIVIL ENGINEERING DRAWINGS FOR VAULT DETAILS

THE CONTRACTOR SHALL FURNISH AND INSTALL ONE 30 AMP FEEDER CONSISTING OF #2 AL QUADRAPLEX DIRECT BURY (2 HOTS, 1 NEUTRAL, 1 GROUND) FROM PANEL 'M' TO THE EXISTING ENTRANCE STATION BUILDING AFTER IT HAS BEEN MOVED TO THE NEW SITE. SEE PHOTOS. TRIPLEX PLUS A SINGLE GROUND CONDUCTOR IS ACCEPTABLE SUBSTITUTE FOR QUADRAPLEX

THE CONTRACTOR SHALL FURNISH AND INSTALL ONE 30 AMP FEEDER CONSISTING OF #6 AL TRIPLEX DIRECT BURY (1 HOT, 1 NEUTRAL, 1 GROUND) FROM PANEL 'M' TO THE NEW STORAGE BUILDING. STUB UP THE CONDUIT INSIDE THE BUILDING AND LEAVE 8 FEET OF EXTRA CONDUCTORS INSIDE THE STORAGE BUILDING FOR CONNECTION TO FUTURE ELECTRICAL EQUIPMENT. WORK INSIDE THIS BUILDING IS DONE BY OTHERS.

DEMOLISH THE ELECTRICAL SUPPLY TO THE EXISTING HOST SITE.

FURNISH AND INSTALL A GROUND MOUNTED JUNCTION BOX TO CONNECT THE EXISTING TELEPHONE LINE IN ORDER TO EXTEND THE EXISTING TELEPHONE LINE TO THE NEW ENTRY STATION AND TO THE NEW HOST SITE. THE SYMBOL 'T' IS USED TO DENOTE THE TELEPHONE LINE.

FURNISH AND INSTALL ONE 100 AMP FEEDER CONSISTING OF 4/0 AL QUADRAPLEX DIRECT BURY (2 HOTS, 1 NEUTRAL, 1 GROUND) FROM PANEL 'M' TO THE HOST PEDESTAL. TRIPLEX PLUS A SINGLE GROUND CONDUCTOR IS ACCEPTABLE SUBSTITUTE FOR QUADRAPLEX

FURNISH AND INSTALL ONE NEMA 5-20R HARD DUTY DUPLEX GFCI RECEPTACLE IN A NEMA 3R ENCLOSURE (BELL BOX) WITH A WATERPROOF COVER WHICH MAINTAINS THE WATERPROOF CONNECTION WITH A PLUG PLUGGED IN. SURFACE MOUNT THE RECEPTACLE ON A TREATED 8 FOOT LONG 4X4 WOOD POST THAT IS INSTALLED 4 1/2 FEET INTO THE GROUND. USE EMT CONDUIT ABOVE GROUND, SCHEDULE 80 PVC CONDUIT BELOW GROUND TO THE BURIAL DEPTH. CHAMFER THE POST TOP AND PUT ABOUT 4 INCHES OF GRAVEL UNDER THE POST BOTTOM TO REDUCE BOTTOM ROT. THE SUPPLY CONDUCTORS SHALL BE #10 UF DIRECT BURIAL.

**GENERAL NOTES**

1. VERIFY ALL DIMENSIONS USING THE CIVIL ENGINEERING DRAWINGS
2. LOCATE ALL EXISTING UTILITIES USING A LOCATOR AND THE CIVIL ENGINEERING DRAWINGS
3. ALL CONDUCTORS PASSING UNDER PAVEMENT WHETHER IN ROADS OR PARKING AREAS SHALL BE INSTALLED IN SCHEDULE 80 PVC CONDUIT BURIED AT LEAST 30 INCHES BELOW PAVEMENT BASE MATERIAL.
4. ALL CONDUCTORS SHALL BE PROTECTED USING SCHEDULE 80 PVC SLEEVES DOWN TO THE DEPTH OF BURIAL.
5. LIGHT FIXTURES ARE INDICATED IN THE CATALOG SHEETS.
6. COORDINATE SERVICE CHANGES WITH THE POWER SUPPLIER WHO IS MISSOULA ELECTRIC COOPERATIVE.
7. SOME ELECTRICAL INFORMATION IS LOCATED ON THE CIVIL ENGINEERING DRAWINGS, ESPECIALLY WITH REGARDS TO THE SEWAGE LIFT STATION.
8. JOINT USE OF WATER AND SEWER TRENCHING IS STRONGLY RECOMMENDED. SEE THE CIVIL ENGINEERING DRAWINGS FOR THE JOINT USE TRENCHING REQUIREMENTS.
9. INSTALL 2 - 5/8 INCH BY 8 FOOT COPPER CLAD STEEL GROUND RODS AT PANEL 'M'. BOND TO PANEL GROUND BAR, BUILDING GROUND, AND WATER PIPE TO MAKE A COMPLETE GROUNDING ELECTRODE SYSTEM.
10. TRANSITIONS FROM LARGER CONDUCTORS TO COPPER CONDUCTORS IN ORDER TO CONNECT TO BREAKER LUGS MAY BE REQUIRED. WHERE REQUIRED, TRANSITION FROM THE LARGER CONDUCTOR TO THE COPPER CONDUCTOR USING A JUNCTION BOX MOUNTED ADJACENT TO THE PANEL. USE APPROPRIATE CONNECTORS WHERE COPPER IS CONNECTED TO ALUMINUM.
11. IF THE CONTRACTOR CHOOSES TO INSTALL A SEPARATE GROUND CONDUCTOR, THE CONTRACTOR MAY STANDARDIZE ON A CONDUCTOR SIZE SUITABLE FOR ALL INSTALLATIONS IN ORDER TO MAXIMIZE PURCHASE ECONOMIES. SIMILARLY, THE CONTRACTOR MAY INSTALL LARGER WIRE WHERE ECONOMIES OR REEL CAPACITIES RESULT IN SAVINGS TO THE OWNER.

**SITE ELECTRICAL DRAWING**

SCALE: 1 INCH = 100 FEET AT ARCHITECTURAL D SIZE

THESE RECORD DOCUMENTS ARE BASED ON ADDENDUMS, CHANGE ORDERS, AND OTHER DATA FURNISHED BY THE CONTRACTOR. THESE RECORD DOCUMENTS MAY SHOW SIGNIFICANT CHANGES MADE DURING CONSTRUCTION BECAUSE THESE RECORD DOCUMENTS ARE BASED ON UNVERIFIED INFORMATION PROVIDED BY OTHER PARTIES, WHICH THE CONSULTANT SHALL ASSUME WILL BE RELIABLE. THE CONSULTANT CANNOT AND DOES NOT WARRANT THEIR ACCURACY.

RECORD DOCUMENT  
 BY: *A.F.* DATE: *1/26/09*

**FUSSELL ENGINEER**  
 3700 SOUTH HUBBARD STREET, SUITE 106 MISSOULA, MT. 59801 (406) 543-1111