



Addendum # 2

For the Bid of

ITD D-1 Laboratory
600 W. Prairie Ave
Coeur d'Alene, Idaho 83514
6/13/2024

From: Miller Stauffer Architects
601 E. Front Ave. Suite 201
Coeur d'Alene, ID 83814
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T.O. ALL PLAN HOLDERS

This Addendum consists of **03** pages of Addenda, plus **00** pages of revised or new construction drawings, and **04** pages of revised specifications. For a total of Addendum #2 sheets to be **12**.

Important: Bidders must acknowledge receipt of this addendum as well as all other issued addenda on the Form provided with the Contract Documents, which must be utilized by bidder for bid to be considered responsive. Failure to do so may subject bidder to disqualification.

1. General
 - a. A change to approved manufacturer has been made. See attached mechanical narrative from Musgrove Engineering.
2. Drawings
 - a. Clarifications
 - i. None
 - b. Additions
 - i. None
 - c. Deletions
 - i. None
 - d. Revisions
 - i. None
 - e. Substitutions
 - i. None

3. Specifications
 - a. Clarifications
 - i. Spec Section 05 12 00 Structural Steel Framing
 1. Section 1.04 Quality Assurance
Subsections A and B to be deleted.
 - b. Additions
 - i. None
 - c. Deletions
 - i. None
 - d. Revisions
 - i. Section 000030.1 – Advertisement for Bids has been revised. See Section attached.
 - e. Substitutions
 - i. None

END OF ADDENDUM #2



ADDENDUM #2

(MECHANICAL/ELECTRICAL)

Date: 6/19/2024
Job Number: 23-239
Prepared By: Chris Dyke
Sheet: 1 of 1

To: Miller Stauffer Architects
601 E. Front Ave.
Coeur d'Alene, Idaho 83814
Attention: Kol Nelson

Project: ITD D1 Lab

NOTICE TO BIDDERS: THIS ADDENDUM IS HEREBY MADE A PART OF THE PROJECT REQUIREMENTS AND CONTRACT DOCUMENTS FOR THE PROJECT REFERENCED ABOVE.

General

1. The following manufacturers shall be approved for bidding only. Final approval shall be based on the requirements of the plans and specifications.

Description and Manufacturer

Pressure Independent Supply and Exhaust Valves: Accutrol

The end of Addendum #2.

SECTION 05 12 00 STRUCTURAL STEEL FRAMING

Part 1. GENERAL

Section 1.01 SUMMARY

- A Section Includes:
 - (i) Structural steel.
 - (ii) Shear stud connectors, shop welded.
 - (iii) Shrinkage-resistant grout.

Section 1.02 DEFINITIONS

- A Structural Steel: Elements of the structural frame indicated on Drawings and as described in ANSI/AISC 303.

Section 1.03 ACTION SUBMITTALS

- A Refer to Structural General Notes for submittal requirements.

Section 1.04 QUALITY ASSURANCE

- ~~A Fabricator Qualifications: A qualified fabricator that participates in the AISC Quality Certification Program and is designated an AISC Certified Plant, Category BU or is accredited by the IAS Fabricator Inspection Program for Structural Steel (Acceptance Criteria 172).~~
- ~~B Installer Qualifications: A qualified Installer who participates in the AISC Quality Certification Program and is designated an AISC Certified Erector~~
- C Welding Qualifications: Qualify procedures and personnel in accordance with AWS D1.1/D1.1M.

Part 2. PRODUCTS

Section 2.01 PERFORMANCE REQUIREMENTS

- A Comply with applicable provisions of the following specifications and documents:
 - (i) ANSI/AISC 303.
 - (ii) ANSI/AISC 360.
 - (iii) RCSC's "Specification for Structural Joints Using High-Strength Bolts."
- B Connection Design Information:
 - (i) Option 1: Connection designs have been completed and connections indicated on the Drawings.

Section 2.02 STRUCTURAL-STEEL MATERIALS

- A W-Shapes: ASTM A992/A992M: Refer to Structural General Notes and Drawings.

- B Channels, Angles: ASTM A36/A36M: Refer to Structural General Notes and Drawings.
- C Plate and Bar: A572: Refer to Structural General Notes and Drawings..
- D Cold-Formed Hollow Structural Sections: ASTM A500/A500M: structural tubing. Refer to Structural General Notes and Drawings.
- E Steel Pipe: ASTM A53/A53M, Type E or Type S, Grade B. Refer to Structural General Notes and Drawings.
- F Welding Electrodes: Comply with AWS requirements.

Section 2.03 BOLTS AND CONNECTORS

- A High-Strength A325 Bolts, Nuts, and Washers: Refer to Structural General Notes and Drawings.
- B Shear Stud Connectors: Refer to Structural General Notes and Drawings.

Section 2.04 RODS

- A Anchor Rods: ASTM F1554, Grade 36 hex carbon steel: Refer to Structural General Notes.
 - (i) Configuration: Refer to Structural Drawings.
- B Anchor Rods High Strength: ASTM F1554, Grade 55: Refer to Structural General Notes
 - (i) Configuration: Refer to Structural Drawings.
- C Nuts: ASTM a 563. Grade and finish: Refer to Structural General Notes.
- D Plate Washers: ASTM A36/A36M. Grade and finish: Refer to Structural General Notes.
- E Washers: ASTM F 436. Grade and finish: Refer to Structural General Notes.

Section 2.05 PRIMER

- A Steel Primer:
 - (i) Fabricator's standard lead- and chromate-free, nonasphaltic, rust-inhibiting primer complying with MPI 79 and compatible with topcoat.

Section 2.06 SHRINKAGE-RESISTANT GROUT

- A Nonmetallic, Shrinkage-Resistant Grout: ASTM C1107/C1107M, factory-packaged, nonmetallic aggregate grout, noncorrosive and nonstaining, mixed with water to consistency suitable for application and a 30-minute working time.

Section 2.07 FABRICATION

- A Structural Steel: Fabricate and assemble in shop to greatest extent possible. Fabricate in accordance with ANSI/AISC 303 and to ANSI/AISC 360, Refer to Structural General Notes and Drawings.
- B Shear Stud Connectors: Prepare steel surfaces as recommended by manufacturer of shear connectors. Weld using automatic end welding of headed-stud shear connectors in accordance with AWS D1.1/D1.1M and manufacturer's written instructions.

Section 2.08 SHOP CONNECTIONS

- A High-Strength Bolts: Shop install high-strength bolts in accordance with RCSC's "Specification for Structural Joints Using High-Strength Bolts" for type of bolt and type of joint specified.
- B Weld Connections: Comply with AWS D1.1/D1.1M for tolerances, appearances, welding procedure specifications, weld quality, and methods used in correcting welding work.

Section 2.09 SHOP PRIMING

- A Shop prime steel surfaces, except the following:
 - (i) Surfaces embedded in concrete or mortar.
 - (ii) Surfaces to be field welded.
 - (iii) Surfaces of high-strength bolted, slip-critical connections.
 - (iv) Surfaces to receive sprayed fire-resistive materials (applied fireproofing).
 - (v) Galvanized surfaces.
 - (vi) Surfaces enclosed in interior construction.
- B Surface Preparation of Steel: Clean surfaces to be painted. Remove loose rust and mill scale and spatter, slag, or flux deposits.
- C Priming: Immediately after surface preparation, apply primer in accordance with manufacturer's written instructions and at rate recommended by SSPC to provide a minimum dry film thickness of 1.5 mils (0.038 mm). Use priming methods that result in full coverage of joints, corners, edges, and exposed surfaces.

Section 2.10 SOURCE QUALITY CONTROL

- A Testing Agency: Owner will engage a qualified testing agency to perform shop tests and inspections.
 - (i) Allow testing agency access to places where structural-steel work is being fabricated or produced to perform tests and inspections.
 - (ii) Bolted Connections: Inspect and test shop-bolted connections in accordance with RCSC's "Specification for Structural Joints Using High-Strength Bolts."
 - (iii) Welded Connections: Visually inspect shop-welded connections in accordance with AWS D1.1/D1.1M and the following inspection procedures, at testing agency's option:
 - a. Liquid Penetrant Inspection: ASTM E165/E165M.
 - b. Magnetic Particle Inspection: ASTM E709; performed on root pass and on finished weld. Cracks or zones of incomplete fusion or penetration are not accepted.
 - c. Ultrasonic Inspection: ASTM E164.
 - d. Radiographic Inspection: ASTM E94/E94M.
 - (iv) In addition to visual inspection, test and inspect shop-welded shear stud connectors in accordance with requirements in AWS D1.1/D1.1M.

- (v) Prepare test and inspection reports.

Part 3. EXECUTION

Section 3.01 EXAMINATION

- A Verify, with certified steel erector present, elevations of concrete- and masonry-bearing surfaces and locations of anchor rods, bearing plates, and other embedment's for compliance with requirements.
- B Proceed with installation only after unsatisfactory conditions have been corrected.

Section 3.02 ERECTION

- A Set structural steel accurately in locations and to elevations indicated and in accordance with ANSI/AISC 303 and ANSI/AISC 360.
- B Baseplates: Clean concrete- and masonry-bearing surfaces of bond-reducing materials, and roughen surfaces prior to setting plates. Clean bottom surface of plates.
 - (i) Set plates for structural members on wedges, shims, or setting nuts as required.
 - (ii) Weld plate washers to top of baseplate.
 - (iii) Snug-tighten anchor rods after supported members have been positioned and plumbed. Do not remove wedges or shims but, if protruding, cut off flush with edge of plate before packing with grout.
 - (iv) Promptly pack shrinkage-resistant grout solidly between bearing surfaces and plates, so no voids remain. Neatly finish exposed surfaces; protect grout and allow to cure. Comply with manufacturer's written installation instructions for grouting.
- C Align and adjust various members forming part of complete frame or structure before permanently fastening. Before assembly, clean bearing surfaces and other surfaces that will be in permanent contact with members. Perform necessary adjustments to compensate for discrepancies in elevations and alignment.
- D Do not use thermal cutting during erection unless approved by the Architect or Structural Engineer. Finish thermally cut sections within smoothness limits in AWS D1.1/D1.1M
- E Maintain erection tolerances of structural steel within ANSI/AISC 303.

Section 3.03 FIELD CONNECTIONS

- A High-Strength Bolts: Install high-strength bolts in accordance with RCSC's "Specification for Structural Joints Using High-Strength Bolts" for bolt and joint type specified.
 - (i) Joint Type: Snug tightened
- B Weld Connections: Comply with AWS D1.1/D1.1M for tolerances, appearances, welding procedure specifications, weld quality, and methods used in correcting welding work.
 - (i) Comply with ANSI/AISC 303 and ANSI/AISC 360 for bearing, alignment, adequacy of temporary connections, and removal of paint on surfaces adjacent to field welds.

Section 3.04 FIELD MODIFICATIONS

- A The engineer of record needs to be notified and response back of acceptance of modification or alternate solution provide prior to any modification of structural steel that deviates from the structural steel shops.

Section 3.05 FIELD QUALITY CONTROL

- A Special Inspections: Owner will engage a special inspector to perform the following special inspections:
- (i) Verify structural-steel materials and inspect steel frame joint details.
 - (ii) Verify weld materials and inspect welds.
 - (iii) Verify connection materials and inspect high-strength bolted connections.
- B Testing Agency: Owner will engage a qualified testing agency to perform tests and inspections.
- (i) Bolted Connections: Inspect and test bolted connections in accordance with RCSC's "Specification for Structural Joints Using High-Strength Bolts."
 - (II) Welded Connections: Visually inspect field welds in accordance with AWS D1.1/D1.1M.

END OF SECTION 051200

SECTION 000030.1 – ADVERTISEMENT FOR BIDS

PRIME CONTRACT PACKAGES for:

D231130 – D-1 Coeur d'Alene Laboratory Facility – Phase 2

Idaho Transportation Department (ITD), Coeur d'Alene, Idaho

Bid Packages shall consist of multiple individual trade scope packages that will be direct prime contracts with ITD. ITD has retained a CM Agent (Bateman-Hall, Inc.) to help coordinate the management of the overall project.

Each Prime Contractor will be required to cooperate and coordinate with the CM and all other Contractors to perform their work in accordance with a Master Project Schedule developed, updated, and maintained by the CM. Each Prime Contractor will be required to provide specified scheduling information necessary to maintain the Master Project Schedule and to meet the milestone completion dates as identified on the Bid Form and in each Prime Contract.

PROJECT SCOPE: New building for Asphalt and Concrete Testing Laboratory on District #1 Campus. The proposed facility is a single-story that is separated into four primary sections: office space, D-1 Lab area, a residency lab area, and storage area. The facility is to be constructed out of Concrete Masonry Construction and Light wood frame construction. The facility has concrete slab-on-grade floors and low sloped roofs. The roof are single ply roofing and metal roofing.

All work shall be performed in accordance with Contract Documents, Plans, Specifications, Department of Public Works Standards, The International Building Code, and as directed by the ITD Representatives.

BID PACKAGES Will be as per BID PACKAGE INDEX (Spec Section 000031.1).

Complete Bidding Documents will be available beginning **May 23rd, 2024**. Plans (on a CD) will be made available at no cost from Bateman-Hall, Inc. at 208-523-2681.

Plans can also be viewed or **downloaded** on smartbidnet.com. If you do not have a username and password, please send a request by email to bids@bateman-hall.com. Please include the following: Company Name, Contact Person, Phone Number, Fax or E-mail, Company Scope of Work, and States the company works in.

PRE-BID CONFERENCE: Will be held at **11:00 AM (PST) on Tuesday, June 11th, 2024**, at the project location of ITD Coeur d'Alene Office, 600 W. Prairie AVE, Coeur D'Alene, ID 83814. Attendance is highly recommended.

COMMUNICATION: All communication is to be through Bateman-Hall, Inc. **Requests for clarification or interpretation of the Bidding Documents must be in writing and received no later than June 13th, 2024, at 12:00 PM (PST).** Questions received after the above-noted deadline may be answered at the discretion of the ITD Representative.

Revisions, additions, and deletions will be made by written addenda issued by the CM and/or Miller Stauffer Architects. Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect. Questions may be mailed, e-mailed, or faxed to:

Malone Bullock, Bateman-Hall, Inc.
 P.O. Box 1464, Idaho Falls, Idaho 83403-1464
 Phone: 208-523-2681 Fax: 208-524-4435
 E-mail: Malone.bullock@bateman-hall.com

BID DATE: All bids are to be submitted in a sealed and labeled envelope on **Tuesday, June 25th, 2024.**

BID TIMES - STAGGERD (Pacific Time Zone): Bid due times will be staggered by bid package (identified below) and will be opened and read publicly immediately following the closing of each bid package.

Bid Package (BP) #	BP Description	<u>Submission Deadline</u>
BP-03 (FM12417)	Landscape & Sprinkler	09:59 59 AM (PST)
BP-04 (FM12418)	Fencing	
BP-05 (FM12419)	Building Concrete	10:14 59 AM (PST)
BP-06 (FM12420)	Floor Sealer	
BP-07 (FM12421)	Masonry	10:29 59 AM (PST)
BP-08 (FM12422)	Metal Fabrication	10:44 59 AM (PST)
BP-09 (FM12423)	Framing/Lumber	10:59 59 AM (PST)
BP-10 (FM12424)	Wood Truss Supply	
BP-11 (FM12425)	Architectural Woodwork	11:14 59 AM (PST)
BP-12 (FM12426)	Insulation	
BP-13 (FM12427)	Roofing	11:29 59 AM (PST)
BP-14 (FM12428)	Doors, Frames, & Hardware	11:44 59 PM (PST)
BP-15 (FM12429)	Overhead Doors	
BP-16 (FM12430)	Storefronts & Windows	11:59 59 PM (PST)
BP-17 (FM12431)	Gypsum, Acoustical Ceilings & FRP	12:14 59 PM (PST)
BP-18 (FM12432)	Resilient Flooring & Base	12:29 59 PM (PST)
BP-19 (FM12445)	Ceramic Tile	
BP-20 (FM12433)	Painting	12:44 59 PM (PST)
BP-21 (FM12434)	Specialties	
BP-22 (FM12435)	Window Blinds	
BP-23 (FM12436)	Fire Sprinkler	12:59 59 PM (PST)
BP-24 (FM12437)	Plumbing	01:14 59 PM (PST)
BP-25 (FM12438)	HVAC	01:29 59 PM (PST)
BP-26 (FM12439)	Building Electrical	01:44 59 PM (PST)
BP-27 (FM12440)	Access Control	01:59 59 PM (PST)
BP-28 (FM12441)	Fire Alarm	
BP-29 (FM12442)	Low Voltage / Data	

Each sealed envelope should be labeled with the following: **Company's Name, Address, "Sealed Bid Enclosed for D231130", Bid Package Name and Number.**

Bids will be received only at: **ITD District 1**
 ATTN: Front Desk, Drue Hatfield
 600 W. Prairie
 Coeur d'Alene, ID 83815

FAXED OR EMAILED BIDS WILL NOT BE ACCEPTED.

This Public Works project **IS NOT** financed in whole or in part by federal funds. Contractors will be required to pay not less than the minimum wage established by the Idaho Legislature or by the Department of Labor - State of Idaho that is in effect at the time the contract is awarded.

Contractors shall be licensed in the State of Idaho in accordance with the provisions of the **Idaho Public Works Contractors' State License Law.**

The Owner reserves the right to accept or reject any and all proposals with or without cause, for any reason determined in its sole subjective determination to be in its best interest and to waive any informality in bidding.

ITD will determine whether to award the Contract within a period not to exceed forty-five (45) days from Bid Opening Date and will notify the Bidders of the determination. **All Bidders are expected to honor their proposals for the 45-day review period.**

Bid Bond will be required by Contractors for this project at the rate of **5% of the total bid** and is to be included in the sealed envelope. Form of Bid Bond must be in the form of a surety bond or may be a cashier's check or money order made to the order of "Idaho Transportation Department" as outlined by Idaho Statutes for public work projects.

Final Addendum will be issued on Friday, June 14th, 2024.

-END OF ADVERTISEMENT FOR BIDS-

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