



Addendum No. 1
October 21, 2022

**Biotech/Life Sciences Deionized Water Piping
Upgrades**
Washington State University
Pullman, WA

Project No. 1816-2022
Washington State University
Facilities Services, Capital

**Addendum No. 1
October 21, 2022****Biotech/Life Sciences Deionized Water Piping Upgrades
Washington State University
Pullman, WA****Bid Date: October 26, 2022**

1. This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated September 30, 2022, and any prior addenda, as noted below.
2. Please acknowledge receipt of this addendum on the Form of Proposal.

This Addendum consists of eight total pages including the following Attachments:

Pre-Bid Meeting 10/11/2022: Meeting Minutes
Pre-Bid Meeting 10/11/2022: List of Attendees
Stamp Section
Drawing S203R – First Floor Reinforcing Plan

Changes to prior Addenda:

N/A

Changes to Bidding Requirements:

None

Changes to Specifications:

SP 1-1. Stamp Section

- Item 1. Add section in its entirety.

Changes to Drawings:

DWG 1-1. Drawing S203R – As-Build First Floor Reinforcing Plan

- Item 1. As-built of the original construction showing rebar locations.

END OF ADDENDUM No. 1

ATTACHMENT 13-A

PRE-BID MEETING MINUTES

***Biotech/Life Sciences
Pullman, Washington***

PRE BID MEETING

Meeting Date: 10/11/22

ATTENDING	<u>REPRESENTING</u>	<u>PHONE #</u>	<u>FAX</u>
See attached attendance list			

Attach a copy of the completed sign-in sheet(s) to the minutes.

Note: A Pre-printed agenda in the form of Pre-Bid meeting minutes indicates routine items discussed at these meetings in standard print. The actual discussions that occurred at the meeting are printed in *italics*. The meeting notes and minutes will be routed to plan holders with the addendum that follows this meeting.

PROJECT SPECIFICS

- Introductions
 - Project Officer, **Kevin Poitra**
 - Construction Manager, Jason Harper
 - A/E, **MSI Engineering**
- Project Description

Replace all the existing fused Polypropylene Deionized water piping throughout the building with SCH 80 PVC. The PP piping has failed and is currently abandoned in place. Temporary services are serving the labs on a limited basis.
- The estimate for the project, not including taxes, is \$180,000-\$200,000.
- Schedule for completion is **90** calendar days after the Notice to Proceed for base bid
- Bid Form
 - Bid Date is **October 26, 2022**
 - Review the Form of Proposal
 - Note that MWBE is not a bid form requirement
 - Alternate Description-NA
 - Discuss the allowances-NA
 - Discuss unit prices.-NA
- General
 - This is an active campus. There are students, faculty and visitors who either will not be aware of construction or will be distracted. Contractors must routinely work around the building occupants and control noise and other construction related activities to minimize the affect on the occupants.
 - WSU is committed to a completely accessible campus. This means that when construction activities interfere with accessible pathways, that the General Contractor is responsible for putting in place temporary facilities (ramps, pathways, etc.,) to assure that all accessible pathways are available.

ATTACHMENT 13-A

PRE-BID MEETING MINUTES

- *Harassment in the workplace is not tolerated at WSU. All trades are required to conduct themselves such that harassment, real or perceived, does not occur. Offending individuals will be permanently removed from the project.*
- Project Specific
 - *Pre-Bid Meeting is mandatory. Be sure to sign in as a General Contractor / Prime Bidder.*
 - *Refer to Section 00 21 13, "Low Responsible Bidder". Contractor responsibility will be evaluated. Be prepared to submit the required information within 48 hours of receipt of request.*
 - *Liquidated Damages are **\$509.00***
 - *Discuss the building site. Contractor must access the site from the loading dock. Contractor can use the loading dock for loading and unloading only.*
 - *Laydown area-Contractor can use the Mechanical Room.*
 - *Review the requirement(s) for haul routes and deliveries.*
 - *Discuss parking. Parking permits are required at all times on Campus, see the Campus Parking rules and regulations for the.*
 - *The Good Faith Survey is provided in the specification.*
 - *The General Contractor is to have a Superintendent on the project at all times that construction occurs.*
 - *Identify the day-to-day WSU on-site representative, typically a Construction Manager.*
 - *The loading docks have to stay open at all times.*

GENERAL ADMINISTRATION/MANAGEMENT

- MWBE PARTICIPATION

Washington State University is committed to the enhancement of opportunities for minority and women's owned and controlled firms in public contracting. While neither required nor a part of bidder responsiveness, the use of solicitation of minority and women's business enterprise firms is expressly encouraged.
- PROJECT CLARIFICATIONS
 - *O&M Manuals are required for "Substantial Completion".*
 - *As-Built Drawings are required for "Substantial Completion".*
- ADDENDUM
 - *Questions and substitution requests must be received by **10/19/22***
 - *Addenda expected to be issued on **10/20/22***

PROJECT SITE VISIT

The site visit toured the future construction site and the access,

CONTRACTOR QUESTIONS

1. *Can we abandon the pipes that are not accessible? WSU Response-Yes*
2. *Can the system be shutdown during construction duration? WSU Response-No*
3. *The drawings say to core drill through the floor. Are there asbuilts showing the location of the rebar in the floor slab or do we xray the area we are core drilling? WSU Response-we will review the asbuilts and let you know if the rebar is shown. If there's no rebar location shown on the asbuilts you should plan on x-raying the floor slab.*

ATTACHMENT 13-A

PRE-BID MEETING MINUTES

Date recorded: 10/11/22

Recorded by *insert name*: Kevin Poitra

These minutes represent the author's understanding of discussions held and decisions reached at the meeting. Amendments to these notes should be submitted to the author within three (3) working days after issuance or these minutes will stand as written.

ATTACHMENT 13-A

PRE-BID MEETING MINUTES

Washington State University

PRE BID MEETING
Biotech Life Sciences
SIGN-IN SHEET
(Please Print)

<i>Name</i>	<i>Representing</i>	<i>Phone Number</i>	<i>Fax Number</i>	<i>Email Address</i>
Gabe French	Quality Contracting, LLC	208-596-9669		gabe@quality-contractors.com

The Architect or Engineer Stamp on this page applies to all portions of the Specifications below.

MECHANICAL ENGINEERS:

MSI Engineers
108 N Washington, Suite 505
Spokane, WA 99201
509-624-1050

Specification Divisions 22



END OF ARCHITECTURAL / ENGINEERING STAMPS

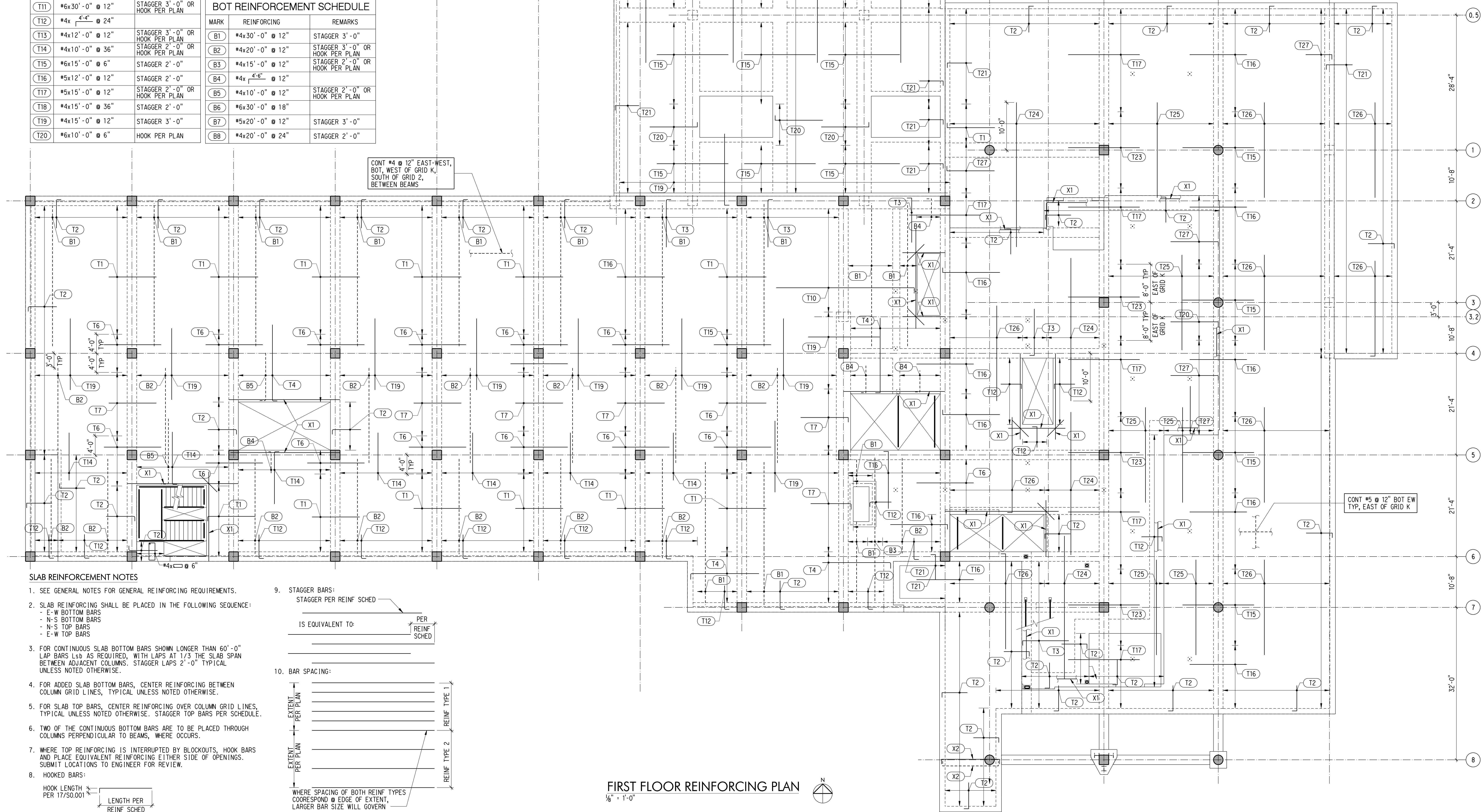
\$DATES \$TIMES \$MKA INFO\$

MARK	REINFORCING	REMARKS
T1	#4x10'-0" @ 12"	STAGGER 2'-0" OR HOOK PER PLAN
T2	#4x 5'-4" @ 12"	
T3	#4x 9'-4" @ 12"	
T4	#4x 14'-4" @ 12"	
T5	#6x15'-0" @ 12"	STAGGER 4'-0" OR HOOK PER PLAN
T6	#7x12'-0" @ 12"	STAGGER 4'-0" OR HOOK PER PLAN
T7	#6x10'-0" @ 12"	STAGGER 2'-0" OR HOOK PER PLAN
T8	#6x 19'-0" @ 6"	
T9	#6x 19'-0" @ 12"	
T10	#6x 29'-0" @ 12"	
T11	#6x30'-0" @ 12"	STAGGER 3'-0" OR HOOK PER PLAN
T12	#4x 4'-4" @ 24"	
T13	#4x12'-0" @ 12"	STAGGER 3'-0" OR HOOK PER PLAN
T14	#4x10'-0" @ 36"	STAGGER 2'-0" OR HOOK PER PLAN
T15	#6x15'-0" @ 6"	STAGGER 2'-0"
T16	#5x12'-0" @ 12"	STAGGER 2'-0"
T17	#5x15'-0" @ 12"	STAGGER 2'-0" OR HOOK PER PLAN
T18	#4x15'-0" @ 36"	STAGGER 2'-0"
T19	#4x15'-0" @ 12"	STAGGER 3'-0"
T20	#6x10'-0" @ 6"	HOOK PER PLAN

MARK	REINFORCING	REMARKS
T21	#5x 5'-2" @ 12"	
T22	#6x20'-0" @ 9"	STAGGER 5'-0"
T23	#7x15'-0" @ 6"	STAGGER 3'-0"
T24	#4x30'-0" @ 12"	
T25	#5x20'-0" @ 12"	STAGGER 2'-0"
T26	#4x20'-0" @ 12"	STAGGER 2'-0" OR HOOK PER PLAN
T27	#5x10'-0" @ 12"	HOOK PER PLAN

MARK	REINFORCING	REMARKS
B1	#4x30'-0" @ 12"	STAGGER 3'-0"
B2	#4x20'-0" @ 12"	STAGGER 3'-0" OR HOOK PER PLAN
B3	#4x15'-0" @ 12"	STAGGER 2'-0" OR HOOK PER PLAN
B4	#4x 4'-6" @ 12"	
B5	#4x10'-0" @ 12"	STAGGER 2'-0" OR HOOK PER PLAN
B6	#6x30'-0" @ 18"	
B7	#5x20'-0" @ 12"	STAGGER 3'-0"
B8	#4x20'-0" @ 24"	STAGGER 2'-0"

MARK	REINFORCING	REMARKS
X1	(2) #4 CONT	PERIMETER BARS TOB
X2	(3) #9x 1'	
X3	(2) #8	MID-DEPTH CHORD REINF
X4	(2) #10	MID-DEPTH CHORD REINF
X5	(2) #11	MID-DEPTH CHORD REINF



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WASHINGTON STATE
UNIVERSITY

PULLMAN, WASHINGTON

BIOTECHNOLOGY/LIFE SCIENCES FACILITY

RECORD DRAWINGS

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	8/15/09	CNL	RECORD SET

DESIGNED

CNL

CHECKED

CNL

DATE

AUGUST 15, 2009

CADD FILE

84111.12

JOB NUMBER

TITLE

FIRST
FLOOR
REINFORCING PLAN

S203R