

Facility Services Planning and Development 928.523.4227
PO Box 5637 928.523.9441 fax
Flagstaff, AZ 86011 www.nau.edu/facility-services

Engineering Classrooms and Offices in 61
NAU Project #09.610.173
March 13, 2020

ADDENDUM #1

PART 1 – GENERAL

- A. Date of Issue: March 13, 2020.
- B. The following Addendum shall be incorporated in the Contract Documents of the above-named job, and all requirements herein are fully a part of the Contract Documents as if included therein.
- C. Offerors shall acknowledge receipt of all Addenda in their Hard Bid Response, on FS#1 Form of Bid. Failure to do so may subject the Bidder to disqualification.
- D. The following clarifications are for informational purposes only and are in response to questions received regarding the Hard Bid procurement for NAU Project #09.610.173 – Engineering Classrooms and Offices in 61.

PART 2 – CLARIFICATIONS

- A. **Question:** Will portable restrooms be needed for building occupants during construction?

Answer: *Yes, Offerors should include the cost of providing at least 1 ADA portable restroom for building occupants for the time period that the interior restrooms will be offline due to construction. This will be in addition to any portable restrooms the Offeror may want to have on-site for their personnel.*

- B. **Question:** Can the project drawings/specifications be provided in electronic format?

Answer: *In addition to the provision of the file on a USB drive to the firms that attended the pre-submittal meeting on March 10, 2020, the original drawings/specifications can be accessed via this link:*

<https://documentcloud.adobe.com/link/review?uri=urn%3Aaaid%3Aasc%3AUS%3A7f1368d0-7863-4904-a285-63c8a385a8f1>

If you try to open the above file through an application other than Adobe Acrobat, you may have difficulty. Please use Adobe Acrobat to open/download the file.

- C. **Question:** Can the deadline for question be extended?

Answer: The deadline for questions has been revised to Wednesday, March 18, 2020, at 5:00PM Arizona Local Time.

D. Question: Is there a spec book to accompany the project drawings? The drawings lack some specific detail, callouts, and product/manufacturer info that the NAU Tech Standards don't seem to cover.

Answer: The Project Manual, which includes all of the specifications can be found via this link:
<https://documentcloud.adobe.com/link/review?uri=urn%3Aaaid%3Aascds%3AUS%3A84eeb4be-88f4-4144-8752-a28c9b67baa2>

If you try to open the above file through an application other than Adobe Acrobat, you may have difficulty. Please use Adobe Acrobat to open/download the file.

PART 3 – ADDENDUM

1. 00 01 15 List of Drawing Sheets

DELETE: Remove the following sheets:

G000	Cover Sheet
G111	Code Summary, Exiting
C200	Civil Improvements
A011	Architectural Site Plan
A021	Architectural Site Details
A041	Demolition Floor Plan
A042	Demolition Ceiling Plan
A102	Floor Plan – Alternate Bids
A151	Ceiling Plan
A601	Schedules
S3.1	Foundation Plan
S4.1	Roof Framing Plan
E101.1	Electrical Lighting Plan – Alternate Bids
E102.1	Electrical Power Plan – Alternate Bids
E412	Electrical Schedules

ADD: Replace with the following sheets dated 3/12/2020 – These can be accessed via the following link
<https://documentcloud.adobe.com/link/review?uri=urn%3Aaaid%3Aascds%3AUS%3A6adbc4d3-acba-4c6f-957c-1750d0c68d43>

G000	Cover Sheet
G111	Code Summary, Exiting
C200	Civil Improvements
A011	Architectural Site Plan
A021	Architectural Site Details
A041	Demolition Floor Plan
A042	Demolition Ceiling Plan
A102	Floor Plan – Alternate Bids
A151	Ceiling Plan
A601	Schedules

S3.1	Foundation Plan
S4.1	Roof Framing Plan
E101.1	Electrical Lighting Plan – Alternate Bids
E102.1	Electrical Power Plan – Alternate Bids
E412	Electrical Schedules

2. 00 11 16 Invitation to Bid – page 6

DELETE: Bids will be received at Facility Services, Building #77, Front Reception Desk, Northern Arizona University, Flagstaff, Arizona, until 3/20/2020 @ 2:00PM Arizona Local Time. Bids will be opened publicly directly thereafter and read aloud in the Facility Services Conference Room A. A **mandatory** Pre-Bid Conference will be held at 3/10/2020 @ 11:00AM Arizona Local Time in the Facility Services Conference Room A. Plans and Specifications for the proposed work may be inspected online at <https://in.nau.edu/facility-services/bids-rfq/> after 3:00PM Arizona Local Time on Thursday, March 5, 2020. ***The scope of work for this project is to renovate the LRC facility for engineering classrooms and offices. A more detailed scope of work is included in the plans and specifications and will be reviewed at the mandatory pre-bid meeting.***

ADD: Bids will be received at Facility Services, Building #77, Front Reception Desk, Northern Arizona University, Flagstaff, Arizona, until 3/25/2020 @ 3:00PM Arizona Local Time. Bids will be opened publicly directly thereafter and read aloud in the Facility Services Conference Room A. A **mandatory** Pre-Bid Conference will be held at 3/10/2020 @ 11:00AM Arizona Local Time in the Facility Services Conference Room A. Plans and Specifications for the proposed work may be inspected online at <https://in.nau.edu/facility-services/bids-rfq/> after 3:00PM Arizona Local Time on Thursday, March 5, 2020. ***The scope of work for this project is to renovate the LRC facility for engineering classrooms and offices. A more detailed scope of work is included in the plans and specifications and will be reviewed at the mandatory pre-bid meeting.***

3. 00 24 13.2 List of Alternates – page 17

DELETE:

Add Alternate #1:
New Restroom at the Northeast corner of the building and the new sewer line extension.

Add Alternate #2:
New Covered Entry Canopies at the east and west sides of the building.

Add Alternate #3:
NEW L.E.D. Light Fixtures throughout remodeled areas.

Alternate #4:
Landscape and Site Furnishings Upgrades.

Add Alternate #5:
Clean exterior of building, repointing of brick masonry and sealing the exterior.

Add Alternate #6:
Provide sound-baffling fiberglass batt insulation above the ceiling grids.

ADD:

Add Alternate #1:
New Restroom at the Northeast corner of the building and the new sewer line extension.

Add Alternate #2:

New Covered Entry Canopies at the east and west sides of the building.

Add Alternate #3:

NEW L.E.D. Light Fixtures throughout remodeled areas.

Alternate #4:

Landscape and Site Furnishings Upgrades.

Add Alternate #5:

Clean exterior of building, repointing of brick masonry and sealing the exterior.

Add Alternate #6:

Provide sound-baffling fiberglass batt insulation above the ceiling grids.

Deductive Alternate #7

Removal of partition walls between the three classrooms and replacement with standard construction walls

4. 00 31 13.13 Preliminary project Schedule – page 19

DELETE: Preliminary Project Schedule

First Advertisement: March 5, 2020

Pre-Bid Conferences: March 10, 2020 at 11:00 AM Arizona Local Time

Bid Date: March 20, 2020 by 2:00 PM Arizona Local Time

Construction Start: May 10, 2020

Substantial Completion: August 7, 2020

Final Completion: November 28, 2020

ADD: Preliminary Project Schedule

First Advertisement: March 5, 2020

Pre-Bid Conferences: March 10, 2020 at 11:00 AM Arizona Local Time

Bid Date: March 25, 2020 by 3:00 PM Arizona Local Time

Construction Start: May 10, 2020

Substantial Completion: August 7, 2020

Final Completion: November 28, 2020

5. 00 31 26 Existing Hazardous Material Information – page 21

DELETE: Northern Arizona University Form FS-13 Workplace Hazard Notification

ADD: Northern Arizona University Form FS-13 provided with this Addendum #1.

6. 00 41 13 Form of Bid (FS #1) – page 23

DELETE: Form of Bid (FS #1) contained in original Division 00

ADD: Form of Bid (FS #1) provided with this Addendum #1

DELETE:

Add Alternate #1:

New Restroom at the Northeast corner of the building and the new sewer line extension.

Add Alternate #2:

New Covered Entry Canopies at the east and west sides of the building.

Add Alternate #3:

NEW L.E.D. Light Fixtures throughout remodeled areas.

Alternate #4:

Landscape and Site Furnishings Upgrades.

Add Alternate #5:

Clean exterior of building, repointing of brick masonry and sealing the exterior.

Add Alternate #6:

Provide sound-baffling fiberglass batt insulation above the ceiling grids.

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Clean exterior of building, repointing of brick masonry and sealing the exterior.

Add Alternate #6:

Provide sound-baffling fiberglass batt insulation above the ceiling grids.

Deductive Alternate #7

Removal of partition walls between the three classrooms and replacement with standard construction walls

END ADDENDUM #1

FORM OF BID (FS#1)
LRC Create Engineering Classrooms and Offices
NAU PROJECT NO. 09.610.173

The undersigned hereby proposed, and agrees to furnish all labor, material, transportation, supervision and services necessary to complete all work as called for in the plans and specifications, and that the lump sum bid includes all applicable costs of bonds, insurance, permits, and fees, and sales tax, or any applicable taxes. **The Owner's selection will be made on a Bid (pre-tax) price per ABOR policy 3-803 A 7. The contract will be issued for the lump sum amount, inclusive of the tax.**

We acknowledge the following addenda and have included their provisions in this proposal.

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

BASE BID: The undersigned proposes to complete all work as required per the Specifications, for a Lump Sum of:

Bid (pre-tax): _____ Dollars
(\$_____).

Taxes: _____ Dollars
(\$_____).

Cumulative Bid: _____ Dollars
(\$_____).

Additive Alternatives:

Alternate #1: (New Restroom Addition) The undersigned proposes to complete all work as required per the Specifications, for a Lump Sum of:

Bid (pre-tax): _____ Dollars
(\$_____).

Taxes: _____ Dollars
(\$_____).

Cumulative Bid: _____ Dollars
(\$_____).

Alternate #2: (New Covered Entry Canopies) The undersigned proposes to complete all work as required per the Specifications, for a Lump Sum of:

Bid (pre-tax): _____ Dollars

(\$_____).

Taxes: _____ Dollars

(\$_____).

Cumulative Bid: _____ Dollars

(\$_____).

Alternate #3: (L.E.D. Lighting) The undersigned proposes to complete all work as required per the Specifications, for a Lump Sum of:

Bid (pre-tax): _____ Dollars

(\$_____).

Taxes: _____ Dollars

(\$_____).

Cumulative Bid: _____ Dollars

(\$_____).

Alternate #4: (Landscape and Site Improvements) The undersigned proposes to complete all work as required per the Specifications, for a Lump Sum of:

Bid (pre-tax): _____ Dollars

(\$_____).

Taxes: _____ Dollars

(\$_____).

Cumulative Bid: _____ Dollars

(\$_____).

Alternate #5: (Exterior Building Cleaning, Masonry Repointing and Sealing Exterior) The undersigned proposes to complete all work as required per the Specifications, for a Lump Sum of:

Bid (pre-tax): _____ Dollars

(\$_____).

Taxes: _____ Dollars

(\$_____).

Cumulative Bid: _____ Dollars

(\$_____).

Alternate #6: (Addition of Sound-Baffling Fiberglass Batt Insulation Above Grid Ceilings) The undersigned proposes to complete all work as required per the Specifications, for a Lump Sum of:

Bid (pre-tax): _____ Dollars

(\$_____).

Taxes: _____ Dollars

(\$_____).

Cumulative Bid: _____ Dollars
(\$ _____).

Alternate #7: (Removal of partition walls between the three classrooms and replacement with standard construction walls) The undersigned proposes to complete all work as required per the Specifications, for a Lump Sum of:

Bid (pre-tax): _____ Dollars
(\$ _____).

Taxes: _____ Dollars
(\$ _____).

Cumulative Bid: _____ Dollars
(\$ _____).

All Additive Alternates are additive to the Base Bid. For each Additive Alternate, Bidders are instructed to provide only the incremental difference in cost of adding that particular work to the project scope of work. Do not provide cumulative costs that include values already included in the Base Bid as NAU will be evaluating bids and considering bid award based on the sum of the Base Bid and any combination of Additive Alternates.

Enclosed herewith is a cashier's check or Bid Bond (NAU form FS#9) made payable to the Owner in the amount of \$ _____, which is not less than 10% of the amount of the total bid proposal, as a guarantee that the undersigned will furnish required Performance Bond and Labor and Material Bond, and enter into contract, on basis of above proposal.

Undersigned further agrees that said check (or Bid Bond) shall be forfeited as Liquidated Damages (no penalty) if undersigned fails to enter into contract after requested to do so by Owner.

Bids shown above are valid for a period of 60 days after the date of opening bids, and may be withdrawn following that date if no contract has been awarded.

The undersigned understands that the Owner reserves the right to reject any or all bids, or to waive any informality in receipt of the above Proposal. **Owner reserves the right to award by Base Bid alone, by the sum of Base Bid and any combination of Additive Alternate Amounts, or as the sum of the Base Bid and all the Additive Alternate Amounts, whichever is deemed most advantageous to Owner.**

It is hereby understood and mutually agreed by and between the Contractor and the Owner that the date of beginning, rate of progress, and time of completion of the Work as set forth in the contract documents are of the essence of the contract. The amount of **\$500.00 per calendar day** will be assessed against the contract for work not completed at the Substantial Completion date. Said amounts shall accrue until such time that the Work covered under this contract is complete, not as a penalty, but as Liquidated Damages.

In addition, it is mutually agreed by and between the Contractor and the Owner, the amount of **\$100.00 per calendar day** will be assessed against the contract for work not completed at the Final Completion date. Said amounts shall accrue until such time that the Work covered under this contract is complete, not as a penalty, but as Liquidated Damages.

The Proposer hereby certifies that he/she is the holder of a valid Contractor's License in accordance with Arizona State Law and that such license classification allows the Contractor to perform the type of construction identified by these Bid Documents. The proposer also certifies that he/she holds all of the required certifications and licenses outlined in the bidding documents and shall provide proof of all certifications, licenses and warranties within 5 days of Owner notification to the apparent low bidder with the Intent to Award.

If corporation,

Seal

Date

Signature

Company/Corporation

Signature

Arizona License Class and Number

Hazardous Building Material Inspection/Hazard Communication (FS-13) Results



Inspection Request Phone # 928-523-6435

Requestor Information

Requestor First Name	Requestor Last Name	Requestor Email	Requestor Phone
josh	spear	JOSHUA.SPEAR@NAU.EDU	(928)853-1617

Project Information

Request Type	Project # (N/A if no Project #)	Project Name	Date of Request
Contractor	09.610.172	LRC ENGINEERING CLASSROOMS	12/17/2019

Building #	Building Name	Room/Area:
061	LRC	all rooms and two sets of windows will be affected. carpet, ceilings.

Disturbed Areas

☒ Ceiling ☒ Wall ☒ Floor ☒ Mechanical System ☒ Exterior ☐ Roof ☐ Other

Nature of Work
remodel of LRC

NAU Authorized Inspector/Preparer

First Name	Last Name	Email Address
Scott	Halle	Scott.Halle@nau.edu

INITIAL INSPECTION IS AT NO COST TO THE REQUESTOR. SAMPLE ANALYSIS AND PROJECT/ABATEMENT MANAGEMENT FEES MAY BE CHARGED, AT THE STANDARD RATE TO THE CLIENT DEPARTMENT OR PROJECT

This inspection does not waive the supervisor/contractor responsibility to provide adequate worker training/ppe

The Requestor is responsible for submitting an inspection request with adequate time prior to commencing work to arrange and complete any necessary hazard abatement activities BEFORE other work begins. Inspection request form is located on the Engineering/Inspections website. Supervisors shall make this form or the information contained within it available for review by all employees present at the work site.

☒ **Post Inspection Complete**

Certified Inspector
Scott S Halle

Date
12/30/2019 02:14:10 PM

Ceiling Materials

Material Summary 2'x2' acoustic panel(craggy, old style)	Asbestos No	Lead N/A	PCB N/A	Silica Assumed
Abatement / Special Practices See Comments				
Material Summary 12" acoustic panels (craggy, old style)	Asbestos No	Lead N/A	PCB N/A	Silica Assumed
Abatement / Special Practices See Comments				
Material Summary 2'x2' acoustic panels (new style)	Asbestos No	Lead No	PCB N/A	Silica Assumed
Abatement / Special Practices See Comments				
Material Summary Fiberglass batt insulation	Asbestos No	Lead N/A	PCB N/A	Silica see comments
Abatement / Special Practices See Comments				
Material Summary fireproofing	Asbestos No	Lead N/A	PCB N/A	Silica Assumed
Abatement / Special Practices See Comments				

Wall Materials

Material Summary Textured drywall system	Asbestos No	Lead No	PCB N/A	Silica Assumed
Abatement / Special Practices See Comments				
Material Summary Smooth Drywall	Asbestos No	Lead No	PCB N/A	Silica Assumed
Abatement / Special Practices See Comments				
Material Summary block/mortar	Asbestos No	Lead N/A	PCB N/A	Silica Assumed
Abatement / Special Practices See Comments				
Material Summary Brick/mortar	Asbestos No	Lead N/A	PCB N/A	Silica Assumed
Abatement / Special Practices See Comments				
Material Summary Concrete	Asbestos No	Lead N/A	PCB N/A	Silica Assumed
Abatement / Special Practices See Comments				
Material Summary Exterior stucco materials	Asbestos No	Lead No	PCB N/A	Silica Assumed
Abatement / Special Practices See Comments				

Flooring Materials

Material Summary Carpet tiles/adhesive	Asbestos No	Lead N/A	PCB N/A	Silica N/A
Abatement / Special Practices No				
Material Summary 12" white/brown vinyl tile/mastic	Asbestos Yes	Lead N/A	PCB N/A	Silica Assumed
Abatement / Special Practices Yes				
Material Summary Concrete	Asbestos No	Lead N/A	PCB N/A	Silica Assumed
Abatement / Special Practices See Comments				
Material Summary Pink 12" vinyl tile/mastic	Asbestos No	Lead No	PCB N/A	Silica Assumed
Abatement / Special Practices See Comments				
Material Summary Vinyl covebase/mastic	Asbestos No	Lead No	PCB N/A	Silica N/A
Abatement / Special Practices No				

Thermal System Insulation (TSI) Materials

Material Summary Plaster pipe fitting insulation	Asbestos No	Lead N/A	PCB N/A	Silica Assumed
Abatement / Special Practices See Comments				
Material Summary fiberglass pipe run insulation	Asbestos No	Lead N/A	PCB N/A	Silica see comments
Abatement / Special Practices See Comments				
Material Summary Plaster pipe hanger support blocks	Asbestos Yes	Lead N/A	PCB N/A	Silica Assumed
Abatement / Special Practices See Comments				

Other Materials

Material Summary	Asbestos	Lead	PCB	Silica
Window pane sealant	No	No	Assumed	Assumed
Abatement / Special Practices				
See Comments				
Material Summary	Asbestos	Lead	PCB	Silica
window frame sealant	No	No	Assumed	N/A
Abatement / Special Practices				
See Comments				
Material Summary	Asbestos	Lead	PCB	Silica
Duct/Mechanical unit sealant	No	N/A	Assumed	N/A
Abatement / Special Practices				
See Comments				
Material Summary	Asbestos	Lead	PCB	Silica
Gray/silver roof penetration tar	Yes	N/A	N/A	N/A
Abatement / Special Practices				
Yes				
Material Summary	Asbestos	Lead	PCB	Silica
Roof ply/shingle components	No	No	N/A	Assumed
Abatement / Special Practices				
No				
Material Summary	Asbestos	Lead	PCB	Silica
Insulated fire doors	Assumed	N/A	N/A	Assumed
Abatement / Special Practices				
See Comments				
Material Summary	Asbestos	Lead	PCB	Silica
Exterior foundation sealant	Pending	N/A	N/A	N/A
Abatement / Special Practices				
Yes				

Comments / Special Requirements

Select building materials contain silica, which may pose a hazard if rendered into airborne dust during demolition/renovation activities. It is the vendors responsibility to adhere to any applicable worker safety regulations, including silica regulations. Fire doors, roofing materials, pipe insulation components, foundation sealer, and select flooring are assumed or documented to contain asbestos and if disturbance is anticipated, these materials must be professionally abated prior to the start of other activities. Please coordinate with EH&S to determine the scope and schedule for any planned asbestos abatement or other hazard mitigation. Select caulking materials are suspect for the presence of PCB. If disturbance is planned, please coordinate with EH&S to schedule testing which may refute the assumption of PCB prior to disturbance, or to determine work control and training requirements.

If any materials not listed above are scheduled for disturbance or are discovered to be in a disturbed state, contact the Material Safety Official at 928-523-6435 for guidance or a supplemental inspection before proceeding with any additional work.

Hazard Communication

Hazard Type

☒ Silica/Asbestos/Lead/PCB ☐ Radiation ☐ Biological ☐ Chemical ☒ Other

The purpose of this form is to notify Contractors and Subcontractors and their employees working at Northern Arizona University of known or anticipated workplace hazards. NAU maintains comprehensive material/safety inspections and safety programs for campus buildings. Test results and safety programs are available for review in the NAU offices of Material Safety or Environmental Health and Safety. The following known and assumed hazards have been identified to be present in the work area located in Building(s):

Building #	Building Name	Room/Area:
061	LRC	all rooms and two sets of windows will be affected. carpet, ceilings.

Known / Assumed Hazards

Select building materials are documented or assumed to contain silica, which may pose a hazard to workers if rendered into airborne dust. Pipe insulation, select flooring, foundation sealer, and select roofing components are assumed or documented to contain asbestos, and may only be disturbed by workers with current asbestos worker certifications using approved work controls. Mechanical unit sealants and other non-hardening caulking materials are suspect for the presence of pcb and must be tested and/or treated accordingly if disturbance or removal is planned.

The vendor is responsible for adhering to any applicable worker safety or environmental compliance regulations while performing this work. If the scope or location of work changes, additional hazards may arise. Please request inspection of any added materials or locations before commencing any changed or additional work activities.

NAU is responsible for informing you of the presence of hazards in your project work area on the NAU campus. If you encounter any previously unidentified hazards, stop all work immediately and contact the NAU Project Manager or NAU Safety Official (928-523-6435). By law, Employers must provide adequate training and protection for employees who will be exposed to hazards including those in this notification. The responsible party signing below agrees that it is the responsibility of the Contractor or Subcontractor to be knowledgeable of and comply with all applicable local, state, and federal safety regulations, and with university policies related to the hazards detailed in this form.

Your signature below acknowledges that you have received notice from NAU that hazardous materials or conditions are or may be present in your work area(s), NAU is responsible for informing you of the presence of hazards in your project work area on the NAU campus. If you encounter any previously unidentified hazards, stop all work immediately and contact the NAU Project Manager or NAU Safety Official (928-523-6435). Vendors must acknowledge that you agree to fully assume the responsibility for ensuring the safety of yourself and your employees, which includes ensuring that you comply with all applicable local, state, and federal laws, and with university policies governing hazardous materials or conditions.

If you have any questions, please contact the NAU Material Safety Official at 928-523-6435.

Company Acknowledgement

Company Name:

Name of Responsible Party:

Title:

Signature

Date:



No work shall be authorized to commence prior to completion and return of this form to the NAU project Manager or authorizing party.