

Addendum 2 for RFP 935400-01

Project Name: DOC Anamosa Living Unit Plumbing Repairs

RFP #: 935400-01

DAS Project #: 9354.00

Date: 11/19/2024

Bid Due: December 5th, 2024 at 2:00pm

Addendum No. 2 Items:

1. See attached Meeting Minutes & Sign In Sheet from the November 7th 12:00pm Pre-Bid Meeting.
2. Photos attached of the Cell Block and Attic Space.
3. No submitted questions following Pre-Bid Meeting received from construction.procurement@iowa.gov
4. Attached is the modified Bid Form:
 - a. Addition of Bid Package #04 – Combined Bid Package #01 General Construction and Bid Package #02 Mechanical.
 - b. Alternate #01 & #02 have been modified to include price break out for Pex in lieu of copper.
 - c. Alternate #03 will only include the base bid project since Alternate #01 and #02 will not include options for Pex and Copper piping.
5. Attached Shive-Hattery Addendum #02 Changes to Project Manual and Drawings.
 - a. Changes to Project Manual Section 09 9123 Interior Painting and Added Section 09 6700 Fluid Applied Floors.
 - b. Sheet A110 revised and added keynotes.
 - c. Sheet P120 revised LTCU-01 description.

END OF ADDENDUM

RFB Pre-Bid Minutes: Meeting #1

Meeting Date	Nov 7, 2024	Meeting Time	12:00 PM - 1:30 PM Central Time (US & Canada)
Meeting Location	Anamosa State Pen. Admin Building		
Overview	Meeting to allow prospective bidders to visit the site, when possible, and learn more about the project.		
Notes			
Attachments	Image_20241118_0001.pdf		

Scheduled Attendees

Name	Company	Phone Number	Email	Attendance
Boyd Hoyt	Anamosa State Penitentiary	P: (319) 462-3504 ext. 2250	boyd.hoyt@iowa.gov	Present
Lisa Oswald	Anamosa State Penitentiary	P: (319) 462-3504	lisa.oswald@iowa.gov	Present
Noah Thelen	McGough Construction	P: (515) 639-3853	noah.thelen@mcgough.com	Present
Barry Voelker	McGough Construction	P: (515) 639-3853	barry.voelker@mcgough.com	Present
Mike Jensen	Shive Hattery Inc.	P: (319) 248-3437	mjensen@shive-hattery.com	Present
Jennie Elliott	State of Iowa - Department of Administrative Services		jennie.elliott@iowa.gov	Present

Introduction

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
1.1	1	Introductions				Open
		Description Attendees				
		Official Documented Meeting Minutes See attached Meeting Sign In Sheet				

Project Overview

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.1	1	Project Description				Open
		Description Removal and replacement of the plumbing pipes, chase and plumbing fixtures in the cells of Living Unit C at Anamosa State Penitentiary.				
		<ul style="list-style-type: none"> • Base bid <ul style="list-style-type: none"> ◦ Bid Package #01 - General Construction Scope 				

- All project scope except mechanical scope and abatement. Note this also includes any temporary barriers and gates, dumpsters, scaffolding stair tower system to access each level of work, material hoisting rated for 400lb for all scopes and other overall general contractor requirements needed for all bid packages. Demolition of concrete pedestals, associated though floor concrete patching at chase and floor prep to receive paint, framing, wood blocking & backing, supply and installation of removed handrails, sheet metal shrouds and fasteners, plaster wall patching, tv cabling, painting and caulking
- Bid Package #02 - Mechanical Scope
 - Complete Mechanical Scope: Includes disconnects, removal of plumbing fixtures, furnish and install piping, fixtures, roof sleeves, new penetrations in both floors and roof, firestopping at floor penetrations.
- Bid Package #03 - Abatement Scope
 - Complete Abatement Scope: Includes containment barriers, lead abatement and demolition of pipe shaft wall assembly, waste and supply piping, removal and abatement 2 sections of lead paint guardrail on each floor.
- Alternates
 - Alternate ADD #01 - Hot Water in Shafts
 - Includes all HW and HWC pipework, including all valves, accessories, insulation, supports, ect., located within vertical shafts and up to 6" beyond shaft (6" above attic floor level) shall be included.
 - All HW and HWC pipework in attic beyond this 6" level to be included in alternate #2.
 - Alternate ADD #02 - Hot Water to Interstitial Space
 - Includes all HW and HWC pipework, including all valves, accessories, insulation, supports, ect., located in attic above chases to be included in Alternate #2, continuing from Alternate #1 route into tunnel approx. 50 feet to the west to main tunnel, valve and cap lines for extension by owner. At interface of each alternate #1 HWC riser, include shut-off valve and balancing valve. At interface of each alternate #2 HW riser, include shutoff valve.
 - Alternate DEDUCT #03 - PEX in Lue of Copper
 - Includes all copper lines (CW, HW&HWC) and insulation to be priced for PEX piping and insulation.
- Unit prices - N/A

Official Documented Meeting Minutes

Project Scope was reviewed with the team and associated bid packages/alternates.

Painting was discussed and it was determined that all cell floors are to receive painting, an option for Epoxy paint on the was acceptable. Floor prep did not need to be exclusively Cementous due to longer cure time.

Wall patching between the cell blocks will need to be infilled from the old sink penetrations and patch back with grout then plastered over to receive paint finish.

Installing sleeves for MEP trades was to be included in the pour back between floors and picked up in Bid Package #01. This coordination is needed between Bid Package #02. Sleeves will need to be UL fire rated between floors. It was discussed to have a combination bid package to include multiple packages to eliminate the confusion between the trades. This option was going to be reviewed by Shive, DAS and McGough to be added in Addendum.

Caulking in Bid Package #01 will need to include the floor, ceiling and walls around the chase as well as around the toilet/plumbing fixture.

Alternate Deduct #03 - Was Alternate #01 and Alt #02 to be considered for the Alternate Deduct #03? Alternate #01 and #02 will be modified to account for Alternate #03 if Pex is decided.

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.2	1	Project Schedule				Open
<p>Description</p> <ul style="list-style-type: none"> Contract(s) Issued: December Week of 9th Submittals: December 2024 - January 2025 Construction: February 17th , 2025 Closeout: November 2025 <p>A pull-plan session will be held with the successful bid package contractors to finalize the construction schedule.</p> <p>State Holidays: New Year's Day, Martin Luther King Day, Memorial Day, 4th of July, Labor Day, Veterans Day, Thanksgiving and day after Thanksgiving, Christmas Day</p> <p>Official Documented Meeting Minutes</p> <p>Lead times on the combi units where observed to be 16-18 weeks which will determine the start time of construction. It was discussed that procurement of the combo units will be needed prior to starting work to insure cells can be turned over and not left empty. Schedule will be reviewed once contracts are issued and a pull planning session can be held.</p>						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.3	1	Site Rules				Open
<p>Description</p> <ul style="list-style-type: none"> Onsite supervision by Prime Contractor is required at all times when work by that contractor or their subcontractors/suppliers is taking place. Contractors shall provide daily logs for each day they are on site. Construction progress meeting will be established once construction starts. It is of the utmost importance to show respect and courtesy to all staff at all times. Clean all debris, materials, and bring all finishes back to existing conditions in the area they were working in prior to moving to the next area. No smoking, vaping or smokeless tobacco use onsite. Temporary facilities by prime. Tool control - Contractor shall provide all equipment and tools for Contractor's own cleanup. Clean up shall be done at end of every shift or more frequently if required for the Contractor to perform their work, for other Contractors to perform their work, as required by the Owner's operations, and at the discretion of the Construction Manager. <ul style="list-style-type: none"> Workers will be required to bring a list of tools they will be taking inside the facility. These tools will be inventoried going into the facility and again when the worker is leaving the facility. All tools will be accounted for throughout the day. All tools brought in will need to be with crews at all time and not left unattended. Any broken blades or bits will be required to be held onto and present at tool checkout. Cell phones - Cell phones, weapons, and cameras/camcorders are not allowed inside the facility. <ul style="list-style-type: none"> ASP to confirm if the Foreman will be allowed to have one cell phone. Background checks <ul style="list-style-type: none"> Must be performed on all on site employees, including sub-contractors. The Contractor hereby explicitly authorizes the Iowa DAS to conduct criminal history and/or other background investigation(s) of the Contractor, its officers, supervisory personnel, employees, and other staff retained by the Contractor or their sub-contractors for the performance of the contract. A State of Iowa record check request form will be provided at the pre-construction meeting of successful bidder. 						

- In addition to background checks all contractors who will be working onsite will need to take the PREA test which can be found here: https://docs.google.com/presentation/d/1_8lcvvpMCYdqasseVuOxzy2ISqjS3RUi6Oups7t6-zA/pub?start=false&loop=false&delayms=3000&slide=id.p
- Work hours: 7am - 4pm, Monday through Friday unless arrangements are made in advance.
- View Specification 01 1200 - Contract Summary for more information.

Official Documented Meeting Minutes

Hot work permits are going to need to be filled out and keep current throughout the project. ASP has a standard hot work form that can be used and updated with work and dates.

Construction meetings will be held Bi-Weekly virtually.

Tool control was discussed, during count hours (12:00pm-12:45pm) no entrance or exit will be allowed. This includes the sally port and material/truck deliveries.

Cell Phones - Foreman will be allowed to have one phone.

Clothing worn by construction will not be able to wear Red Shirts or Navy Blue/Jean Jackets since this is the colors of the inmates.

Storage for construction can be staged outside the facility on the side road of the building near the sally port gate.

Work Hours - work hours will be from 7:00am-3:30/4:00pm. 5 10 hour days is not advised due to shift changes for guards and sally port gate hours. Sally port gate hours on Friday will be extended to 4:00pm for construction.

RFB Overview

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.1	1	Bid Submission				Open
Description						
<ul style="list-style-type: none"> • Bids are due December 5th, 2024 by 2:00pm • The Bid shall be submitted to the Issuing Officer through the IMPACS Electronic Procurement System. <ul style="list-style-type: none"> ◦ Link and information is in the project manual ◦ Contractors will need to register prior to bidding ◦ Bidders will need to register regardless of whether it has already done business with the State of Iowa. ◦ Bidders should complete the registration process and ensure the ability to log in as soon as possible to ensure Bids can be submitted on the due date. ◦ Please make sure the electronic documents submitted contain any required signatures. Digital signatures will be accepted. • Bid Opening will be held via conference call on December 5th, 3:00pm • Contractor shall reference section 00 0116 for the bid submittal checklist <ul style="list-style-type: none"> ◦ Bid Proposal Information ◦ Non Discrimination Clause Information ◦ Contractor Targeted Small Business Enterprise Pre-Bid Contract Information ◦ Bid Security – 5% of total Bid amount • Apparent low bidder will be required to submit subcontractor/supplier list 48hrs after the bid opening 						
Official Documented Meeting Minutes						
Reviewed with group.						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.2	1	Bid Schedule				Open
Description <ul style="list-style-type: none"> • Questions/Substitutions Due in Writing to Construction.Procurement@iowa.gov: November 13th (Wednesday), 2024 by 2:00pm • Addendum Issued: Week of November 18th • Bids Due: December 5th, 2024 by 2:00pm • Tentative NOI Issued: Week of December 9th, following bid opening and confirmation of budget. 						
Official Documented Meeting Minutes Reviewed with group.						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.3	1	Administrative Details				Open
Description <ul style="list-style-type: none"> • Contractors will sign a modified ConsensusDocs 802. Example in the project manual. • Project-specific Certificate of Insurance must be provided prior to contract execution. Follow example in the project manual and limits in the 802. • Project-specific P&P bonds must be provided prior to contract execution. • Successful contractor must turn in their list of subcontractors and suppliers within 48 hours of the bid. • DAS will provide tax exempt certificates upon request. • Procure will be used for all project management, at no cost to the trade contractor. <ul style="list-style-type: none"> ◦ Submittals, Invoicing, RFIs, ASIs, PRs, RFQs ◦ Contracts, Change Orders and Certificates of Substantial and Final Completion will also use DocuSign • Contractor Schedule of Values shall be broken out as specified in the project manual. <ul style="list-style-type: none"> ◦ SOV must contain a closeout line item for at least 1% of the total contract value. ◦ This line item can only be invoiced once the certificate of final completion has been signed by all parties. 						
Official Documented Meeting Minutes Reviewed with group.						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.4	1	Pre-Bid Site Visits				Open
Description Walk and investigate LUC Building and site access.						
Official Documented Meeting Minutes The group walked the site and reviewed the space including on the attic and inside a few cells.						

Questions

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
4.1	1	Questions				Open
Description Submit all questions in writing to construction.procurement@iowa.gov .						
Official Documented Meeting Minutes It was asked that additional site visits be made prior to bid submissions, this can be set up with ASP and Boyd to conduct additional walks.						

It was asked that a combination bid package be added to include all packages for bidders to combine.

These meeting minutes are believed to be an accurate reflection of those items discussed and the conclusions that were reached during the referenced meeting.
Please contact State of Iowa - Department of Administrative Services if there are any discrepancies or questions with the content of these minutes.





SECTION 00 4116

BID FORM

The Bid Form must be submitted online through the State's [IMPACS Electronic Procurement System](#).

RFB #935400-01

BID FORM for CONSTRUCTION CONTRACT
for
Anamosa State Penitentiary
406 N High Street, Anamosa, Iowa 52205
Project 9354.00

Iowa Department of Administrative Services
Hoover State Office Building, Level 3
1305 East Walnut Street
Des Moines, Iowa 50319-0105

The following information is to be completed and submitted with your bid..

1. Bid Form - Completed and Signed (to be uploaded with bid submission)
2. Non Discrimination Clause Information
3. Contractor Targeted Small Business Enterprise Pre-Bid Contract Information
4. Bid Security – 5% of total Bid amount (to be uploaded with bid submission)

Authorized Representative:

The undersigned Bidder, in response to your Request for Bid for construction of the above project, having examined the Drawings, Specifications, and other Bidding Documents dated October 9th, 2024, and Addenda issued and acknowledged below as received and being familiar with all the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, equipment and supplies to perform all work to construct the project in strict accordance with the proposed Contract Documents, within the time and at the prices stated below. Prices are to cover all expenses incurred in performing the work required under the proposed Contract Documents, of which this bid is a part.

Bidder acknowledges receipt of the following Addenda which are a part of the Bidding Documents and for which any effect on cost of the Work is included in the bid amounts indicated:

Number _____ _____ _____ _____ _____

Dated _____ _____ _____ _____ _____

Note that the State of Iowa is exempt from State and Local sales and use taxes (including local option and school option) for this project. Taxes on construction materials shall NOT be included in the bid amounts.

Amounts shall be indicated in both words and figures. In case of discrepancy, the amount indicated in words shall govern.

BID PACKAGES:

BP 01 – General Construction Scope

Description: All project scope except mechanical scope and abatement. Note this also includes any temporary barriers and gates, dumpsters, scaffolding stair tower system to access each level of work, material hoisting rated for 400lb for all scopes and other overall general contractor requirements needed for all bid packages. Demolition of concrete pedestals, associated though floor concrete patching at chase and floor prep to receive paint, framing, wood blocking & backing, supply and installation of removed handrails, sheet metal shrouds and fasteners, plaster wall patching, tv cabling, painting and caulking.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

_____ Dollars
(\$_____).

BP 02 – Mechanical Scope

Description: Complete Mechanical Scope: Includes disconnects, removal of plumbing fixtures, furnish and install piping, fixtures, roof sleeves, new penetrations in both floors and roof, firestopping at floor penetrations.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

_____ Dollars
(\$_____).

BP 03 – Abatement Scope

Description: Complete Abatement Scope: Includes containment barriers, lead abatement and demolition of pipe shaft wall assembly, waste and supply piping, removal and abatement 2 sections of lead paint guardrail on each floor.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

_____ Dollars
(\$_____).

BP 04 – Combined Bid Package #01 General Construction and Bid Package #02 Mechanical

Description: Complete General Construction and Mechanical Scope to include all material, labor and equipment associated with all work in Bid Package #01 and #02 combined.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

_____ Dollars
(\$_____).

ALTERNATES:

ADD ALT 01 – Hot Water in Shafts

Description: Includes all HW and HWC pipework, including all valves, accessories, insulation, supports, ect., located within vertical shafts and up to 6” beyond shaft (6” above attic floor level) shall be included. All HW and HWC pipework in attic beyond this 6” level to be included in alternate #2.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

- A. Add for Copper piping cost

_____ Dollars
(\$_____).

- B. Add for Pex piping in lieu of copper cost

_____ Dollars
(\$_____).

ADD ALT 02 – Hot Water to Interstitial Space

Description Includes all HW and HWC pipework, including all valves, accessories, insulation, supports, ect., located in attic above chases to be included in Alternate #2, continuing from Alternate #1 route into tunnel approx. 50 feet to the west to main tunnel, valve and cap lines for extension by owner. At interface of each alternate #1 HWC riser, include shut-off valve and balancing valve. At interface of each alternate #2 HW riser, include shutoff valve.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

- A. Add for Copper piping cost

Dollars

(\$_____).

B. Add for Pex piping in lieu of copper cost

Dollars

(\$_____).

DEDUCT ALT 03 – PEX in lieu of Copper

Description: Includes all copper lines (CW, HW&HWC) and insulation to be priced for PEX piping and insulation as per base bid. Alternate #01 and #02 will have cost prices for Pex and Copper piping.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

Dollars

(\$_____).

Bidder hereby certifies that:

1. This bid is genuine and is not made in the interest of or on behalf of any undisclosed person, firm or corporation;
2. Bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid; Bidder has not solicited or induced any person, firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain any advantage over any other bidder or over the Owner.
3. Bidder hereby certifies that the Bidder is registered with the Iowa Labor Commissioner as a Contractor as required by Chapter 91C, Code of Iowa.
4. Bidder agrees to comply with all Federal and State Affirmative Action/Equal Employment Opportunity requirements concerning fair employment and will not discriminate between or among them by reason of race, color, religion, sex, national origin or physical handicap.
5. All construction under this Contract shall conform to the requirements of the *Iowa State Building Code*.
6. Bidder agrees that this bid shall remain valid and shall not be withdrawn for a period of thirty (30) calendar days after the date for receipt of bids.
7. Bidder agrees that if written notice of acceptance of this bid is mailed, emailed, or delivered to the undersigned within thirty (30) days after the date in which bids are due, or at any time thereafter before it is withdrawn, the undersigned will sign and return the Contract Agreement, prepared in accord with the Bidding Documents and this bid as accepted; and will also provide proof of insurance coverage and required surety bonds.
8. Bidder understands that the Owner reserves the right to reject any and all bids, and to waive irregularities or informalities and enter into a contract for the work, as the Owner deems to be in the best interest of the State.
9. Bidder understands that the Owner reserves the right to accept any, or no, Alternate Bid, if requested, and that the Alternate Bids may be considered in any order or combination, and the

low Bidder shall be determined on the basis of the sum of the base bid and any Alternate(s) accepted.

Subcontractors:

The Trade Contractor must identify all Subcontractors and Suppliers within 48 hours of the published date and time for which bids must be submitted, in accordance with Iowa Code Section 8A311, as amended by House File 646 in 2011. Subcontractors and suppliers may not be changed without the approval of the Owner. Requests for changing a Subcontractor or supplier must identify the reason for the proposed change, the name of the new Subcontractor or supplier, and the change in the subcontractor or supplier price as a result of the change. Any reduction in subcontractor or supplier price as a result of the change, if the change is approved by the Owner, shall be deducted from the Trade Contract Price via a deductive Change Order. Any such changes, if approved by the Owner, which result in an increase in the Trade Contract Price shall be borne by the Trade Contractor.

Enforcement of Reciprocal Resident Bidder Preference, per Iowa Code 73A.21.

All bidders shall either check the box next to "Resident Bidder" or check the box next to "Nonresident Bidder" and by doing so and signing thereafter certifies and attests to the same. All information requested must be provided. Seek out the advice of an attorney if you have questions.

"Resident Bidder" means a person or entity authorized to transact business in of the State of Iowa and having a place of business for transacting business within the State of Iowa at which it is conducting and has conducted business for at least three years prior to the date of the first advertisement for the public improvement. Note, however, that if a nonresident bidder's state or foreign country has a more stringent definition of a resident bidder, the more stringent definition is applicable as to bidders from that state or foreign country.

Resident Bidder

Name of Resident Bidder: _____

By: _____
Authorized Agent and Signatory of Resident Bidder

OR:

Nonresident Bidder

Name of Nonresident Bidder: _____

Name of State or Foreign Country of Nonresident Bidder: _____

Particularly identify and describe any preference, labor preference, or any other type of preferential treatment, in effect in the nonresident bidder's state or foreign country at the time of this bid:

NOTICE: Nonresident Bidders domiciled in a state or country with a resident labor force preference shall make and keep, for a period of not less than three years, accurate records of all workers employed on the public improvement. The records shall include each worker's name, address, telephone number when available, social security number, trade classification, and the starting ending time of employment.

By: _____
Authorized Agent and Signatory of Nonresident Bidder

Bid Form shall be signed by an officer of the company with authority to bind in a contract.
Notice of acceptance of this bid, or request for additional information by the Department of Administrative Services, may be addressed to the undersigned at the address set forth below:

Legal Name of Firm: _____

Date: _____

Signature of Bidder: _____

Title: _____

Typed Name of Signatory: _____

Email: _____

Business Address:

Telephone Number: _____ Fax Number: _____

Federal Tax Identification Number: _____

Iowa Contractor Registration Number: _____

Bidder Safety Manager Name: _____

For an out-of-state Bidder, Bidder certifies that the Resident Preference given by the State or Foreign Country of Bidder's residence, _____, is _____ %.

END OF SECTION

SECTION 00 9112
ADDENDUM NUMBER 2

PARTICULARS

DATE: NOVEMBER 20, 2024
PROJECT: ANAMOSA LUC PLUMBING
PROJECT NUMBER: 2112309650
OWNER: IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES
ARCHITECT: SHIVE-HATTERY, INC.

TO: Prospective Bidders:

THIS ADDENDUM FORMS A PART OF THE BIDDING AND CONTRACT DOCUMENTS AND MODIFIES THE BIDDING DOCUMENTS DATED DECEMBER 15, 2024 WITH AMENDMENTS AND ADDITIONS NOTED BELOW. THIS ADDENDUM SUPERSEDES AND SUPPLEMENTS ALL PORTIONS OF THE ORIGINAL BIDDING AND CONTRACT DOCUMENTS WITH WHICH IT CONFLICTS.

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED IN THE BID FORM. FAILURE TO DO SO MAY DISQUALIFY THE BIDDER.

THIS ADDENDUM CONSISTS OF 4 PAGES AND NO DRAWINGS.

CHANGES TO THE PROJECT MANUAL:

1. SECTION 09 9123 INTERIOR PAINTING:
 - A. 2.1. MANUFACTURERS, B PAINTS:
 - I. ADD Diamond Vogel
2. SECTION 09 6700 FLUID APPLIED FLOORS:
 - B. ADD SECTION 09 6700

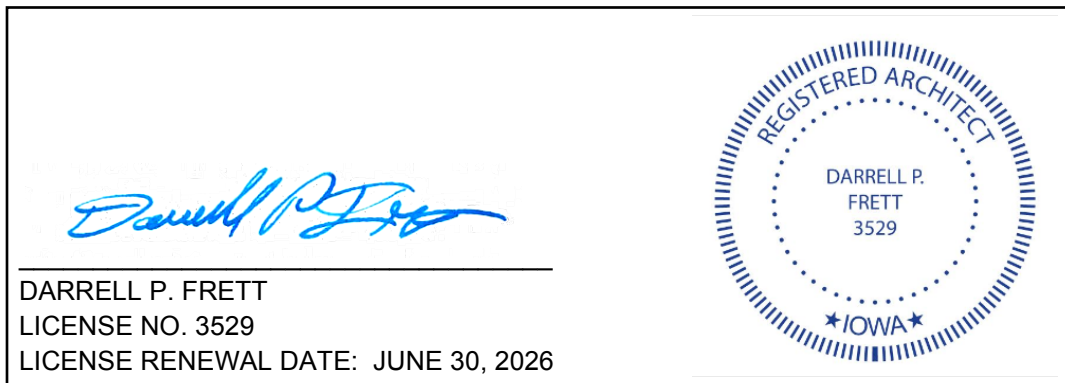
CHANGES TO THE DRAWINGS:

1. SHEET A110 - ENLARGED DEMOLITION AND CONSTRUCTION ARCHITECTURAL FLOOR PLANS AND ELEVATIONS, KEYNOTES – DEMOLITION:
 - A. REVISE AD04 remove concrete pedestal down to the existing concrete slab. Prepare floor slab for new finishes by installing floor leveling compound in low spots or grinding high areas.
2. SHEET A110 - ENLARGED DEMOLITION AND CONSTRUCTION ARCHITECTURAL FLOOR PLANS AND ELEVATIONS, KEYNOTES – CONSTRUCTION:
 - A. ADD keynote a08 clean and prepare the existing concrete floor for new epoxy floor paint by removing any loose material or other item that would affect bonding. Install new epoxy floor paint.
3. SHEET A110 - ENLARGED DEMOLITION AND CONSTRUCTION ARCHITECTURAL FLOOR PLANS AND ELEVATIONS, E4 ENLARGED CONSTRUCTION FLOOR PLAN:
 - A. ADD construction keynote a08 to all rooms in the affected project scope.
4. SHEET A110 - ENLARGED DEMOLITION AND CONSTRUCTION ARCHITECTURAL FLOOR PLANS AND ELEVATIONS, KEYNOTES – CONSTRUCTION:
 - A. REVISE A04 repair plaster at sink removal by grouting the existing through wall holes solid with grout and finish with a veneer plaster. Prepare for new paint finish.

5. SHEET P120 - PLUMBING AND ELECTRICAL DETAILS AND SCHEDULES:
a. Refer to Plumbing Fixture Schedule, REVISE the description for LTCU-1 (Lavatory part) as follows:

15" WIDE COMBINATION LAVATORY/TOILET UNIT. FIXTURE SHALL BE FABRICATED FROM 14 GAUGE, TYPE 304 STAINLESS STEEL. THE CONSTRUCTION SHALL BE ALL WELDED, WITH EXPOSED STAINLESS SURFACES POLISHED TO A #4 SATIN FINISH. INTEGRAL CREVICE-FREE SELF-DRAINING FLUSHING RIM WITH POSITIVE AFTERFILL. **PROVIDE WITH STAINLESS STEEL LIGATURE-RESISTANT BUBBLER/FILLER (BPH), DUAL TEMP PNEUMATIC METERING VALVE WITH LIGATURE RESISTANT PUSH BUTTONS (PML2-PBH), HYDRAULIC FLUSH VALVE (FV-1.28) WITH FLUSH VALVE CONNECTION (FVT) AND WALL SLEEVE (WS).** FIXTURE SHALL WITHSTAND LOADINGS OF 5,000 LBS. WITHOUT PERMANENT DAMAGE. FLOOR MOUNTED UNIT WITH BOTH WASTE EXITS AS WALL OUTLETS (ECW), **LAVATORY TO INCLUDE INTEGRAL P-TRAP (PT) AND COUPLING (LWC), WATER CLOSET TO BE PROVIDED WITH WASTE EXTENSION (TWE) AND COUPLING (TWC).** CENTERED ORIENTATION. PROVIDE EACH UNIT WITH VERTICAL STACK DRAIN – JAY R SMITH 0675 OR APPROVED EQUIVALENT.

PREPARED BY: SHIVE-HATTERY, INC.



END OF SECTION

**SECTION 09 6700
FLUID-APPLIED FLOORING**

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Fluid-applied flooring.

1.2 REFERENCE STANDARDS

1.3 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide data on specified products, describing physical and performance characteristics; sizes, patterns and colors available;
- C. Samples: Submit two samples, 4 x 4 inch in size illustrating color and pattern for each floor material for each color specified.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum three years documented experience.
- B. Applicator Qualifications: Company specializing in performing the work of this section.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store resin materials in a dry, secure area.

1.6 FIELD CONDITIONS

- A. Maintain minimum temperature in storage area of 55 degrees F (13 degrees C).
- B. Store materials in area of installation for minimum period of 24 hours prior to installation.
- C. Maintain ambient temperature required by manufacturer 72 hours prior to, during, and 24 hours after installation of materials.

PART 2 PRODUCTS

2.1 FLUID-APPLIED FLOORING SYSTEMS

- A. Fluid-Applied Flooring: Epoxy base coat(s), polyurethane top coat, no aggregate.
 - 1. Texture: Smooth.
 - 2. Sheen: Matte.
 - 3. Color: As selected by Architect/Engineer.
 - 4. Products:
 - a. Sherwin-Williams Company; Armorseal 100% Solids Epoxy/Polyurethane: www.protective.sherwin-williams.com/#sle.
 - b. Substitutions: See Section 01 6000 - Product Requirements.

2.2 ACCESSORIES

- A. Subfloor Filler: Type recommended by fluid-applied flooring manufacturer.
- B. Primer: Type recommended by fluid-applied flooring manufacturer.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that subfloor surfaces are smooth and flat within the tolerances specified for that type of work and are ready to receive flooring.
- B. Verify that wall surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive flooring.
- C. Verify that subfloor surfaces are dust-free and free of substances that could impair bonding of materials to subfloor surfaces.
- D. Verify that required floor-mounted utilities are in correct location.

3.2 PREPARATION

- A. Remove subfloor ridges and bumps. Fill low spots, cracks, joints, holes, and other defects with subfloor filler.
- B. Apply, trowel, and float filler to achieve smooth, flat, hard surface. Grind irregularities above the surface level. Prohibit traffic until filler is cured.
- C. Vacuum clean substrate.
- D. Apply primer to surfaces required by flooring manufacturer.

3.3 INSTALLATION - FLOORING

- A. Apply in accordance with manufacturer's instructions.
- B. Apply each coat to minimum thickness required by manufacturer.
- C. Finish to smooth level surface.

3.4 PROTECTION

- A. Prohibit traffic on floor finish for 48 hours after installation.
- B. Barricade area to protect flooring until fully cured.

END OF SECTION

**SECTION 09 6700
FLUID-APPLIED FLOORING**

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Fluid-applied flooring.

1.2 REFERENCE STANDARDS

1.3 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide data on specified products, describing physical and performance characteristics; sizes, patterns and colors available;
- C. Samples: Submit two samples, 4 x 4 inch in size illustrating color and pattern for each floor material for each color specified.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum three years documented experience.
- B. Applicator Qualifications: Company specializing in performing the work of this section.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store resin materials in a dry, secure area.

1.6 FIELD CONDITIONS

- A. Maintain minimum temperature in storage area of 55 degrees F (13 degrees C).
- B. Store materials in area of installation for minimum period of 24 hours prior to installation.
- C. Maintain ambient temperature required by manufacturer 72 hours prior to, during, and 24 hours after installation of materials.

PART 2 PRODUCTS

2.1 FLUID-APPLIED FLOORING SYSTEMS

- A. Fluid-Applied Flooring: Epoxy base coat(s), polyurethane top coat, no aggregate.
 - 1. Texture: Smooth.
 - 2. Sheen: Matte.
 - 3. Color: As selected by Architect/Engineer.
 - 4. Products:
 - a. Sherwin-Williams Company; Armorseal 100% Solids Epoxy/Polyurethane: www.protective.sherwin-williams.com/#sle.
 - b. Substitutions: See Section 01 6000 - Product Requirements.

2.2 ACCESSORIES

- A. Subfloor Filler: Type recommended by fluid-applied flooring manufacturer.
- B. Primer: Type recommended by fluid-applied flooring manufacturer.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that subfloor surfaces are smooth and flat within the tolerances specified for that type of work and are ready to receive flooring.
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- D. Verify that required floor-mounted utilities are in correct location.

3.2 PREPARATION

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- D. Apply primer to surfaces required by flooring manufacturer.

3.3 INSTALLATION - FLOORING

- A. Apply in accordance with manufacturer's instructions.
- B. Apply each coat to minimum thickness required by manufacturer.
- C. Finish to smooth level surface.

3.4 PROTECTION

- A. Prohibit traffic on floor finish for 48 hours after installation.
- B. Barricade area to protect flooring until fully cured.

END OF SECTION