

Addendum 3 for RFB898201-03

Project Name: STS Decentralization Tunnel Abandonment Package
DAS RFB #: 898201-03
DAS Project #: 8982.01
Date: 01/22/2021

Bids Due: January 28, 2021 at 2:00pm

BID DUE DATE CHANGED TO THURSDAY, JANUARY 28, 2021.

PUBLIC OPENING

The public opening will be held via conference call only. The call details are below.

Call time: 3:00pm on (January 28, 2021)
Call number: 617-675-4444
Pin: 183 900 573 1215#

CONTRACTOR QUESTIONS:

- Q1. What is the designers project estimate for each bid package on this project?
- A1. BP #02-1 Base Bid - \$949,900
BP #06-1 Base Bid - \$110,400
BP #16-1 Base Bid - \$269,090
BP #32-1 Base Bid - \$43,430
- Q2. Who is responsible for the temporary tunnel lighting?
- A2. CM will provide temporary tunnel lighting.
- Q3. Can the sidewalk cap be removed to complete the tunnel demo work?
- A3. Yes. Additional sidewalk or tunnel top can be removed to accommodate Contractors means and methods and will be the responsibility of the contractor to replace as it was upon the completion of the work. It is the Contractors responsibility to verify and maintain sufficient bracing for tunnel walls if portions of tunnel caps are removed prior to grouting.
- Q4. Who will provide the dumpsters for the project?
- A4. BP #02-1 will need to provide their own dumpsters to complete their scope of work. CM will provide dumpsters for BP #06-1, BP #16-1, and BP #32-1.
- Q5. What is the detail for infilling open tunnel penetrations?
- A5. Refer to Sheet 00-S5.01 Detail C2 for detail to infill all tunnel penetrations unless noted otherwise on drawings.
- Q6. Does the existing tunnel shoring remain?
- A6. Yes, existing tunnel shoring shall remain and can be encased in the grout. Contractor shall verify that all existing shoring is tightened and secure prior to grout placement.

- Q7. Does the small boiler in the Powerhouse get removed?
- A7. Yes, all three (3) boilers located on the main level of the power plant building shall be demolished as part of Alternate #4.
- Q8. When the controls are removed in the Powerhouse, does Siemens need to re-program the BAS?
- A8. No, re-programing of the existing BAS system and graphics for decommissioned or demolished equipment is not part of this project. There is equipment control wiring in an existing panel that will need to be removed from the panel to complete the demo work. Contractor to work with the facility to shut off alarms as equipment is decommissioned.
- Q9. The current Powerhouse Grounding Conductor is wired to an underground waterline in the tunnel, do we need to figure in installing a new grounding system for the Powerhouse?
- A9. Yes, refer to Sheet 12-E2.01 – Keynote ETA-12-03 which was added as part of this addendum.
- Q10. At the Administration Building, how much of the phone line needs to be removed?
- A10. Refer to sheet 00-ESD1.01 keynote EDTA-00-04. Backbone phone lines to be removed in the administration building to termination block or to location where cables are no longer accessible. Wiring and conduit on the building side of the bulkhead to be removed by BP #16-1. Wiring and conduit inside the tunnels to be removed by BP 02-1.
- Q11. Will the dumpsters be required to be covered when not in use?
- A11. All dumpsters will need to be in a secured location. CM provided dumpsters will be located in the fenced laydown area adjacent to the jobsite trailers. They are not required to be covered when not in use.
- Q12. Has asbestos testing been performed in the tunnel? If not, will all asbestos be abated prior to our work?
- A12. Yes. All known hazardous material will be abated prior to Bid Package work being started. If additional hazardous material is found or suspected, all testing and abatement will be provided by the Owner.
- Q13. Who is responsible for removal of the light fixtures in the steam tunnels?
- A13. BP #02-1 will remove the light fixtures, conduit, wire and accessories as part of the demo and infill of the tunnels. The light fixtures that will be removed will be disconnected and de-energized by the CM.
- Q14. Can the structural supports for the steam pipe be left in place?
- A14. No, all pipes and supports should be removed prior to grout placement.
- Q15. Are the existing screw jacks supporting the tunnel walls to be left in place when grouting the tunnels?
- A15. Yes, existing tunnel shoring shall remain and can be encased in the grout. Contractor shall verify that all existing shoring is tightened and secure prior to grout placement.
- Q16. Who is responsible for removing the Generators?
- A16. The generators are to be removed from the powerhouse by BP #02-1. This work is included in the scope for BP #02-1, Alternate #04.
- Q17. Who is responsible for removing the Controls to the Boilers in the Powerhouse?
- A17. BP #16-1 will need to disconnect the control wires from the existing panel in the powerhouse and remove all conduit and wire. The existing panel will remain in use supporting other equipment. Refer to sheet 12-ED1.02 keynote EDTA 12-07.

- Q18. Who is responsible for covering the Integrator to program the Powerhouse BAS once the Boilers are removed?
- A18. Re-programing of the existing BAS system and graphics for decommissioned or demolished equipment is not part of this project.
- Q19. Are there any working hours restrictions in the individual buildings? Does any work need to be completed during off hours to accommodate the facility? Holidays, Weekends, 3rd shift, etc.
- A19. There are no working hour restrictions specific to each building. The working hours are covered in Specification 01 1200.
- Q20. What is the scope for the Controls Contractor, there is existing building automation that runs from the building automation panel to equipment scheduled for demolition in the powerhouse?
- A20. There is no work for the Controls Contractor outside of disconnecting the control wires from the panel(s) that service the powerhouse equipment that is scheduled to be included in BP #16-1.
- Q21. For areas that are disturbed what is that replaced with?
- A21. Refer to sheet 00-C0.01 Surface Restoration Note #2 and Note #4 which is added as part of this addendum. Contractors are responsible for restoring all disturbed areas back to existing grades. Seeding or sodding of all disturbed areas will be completed by Others and is not the responsibility of the current bid packages.
- Q22. Is the powerhouse boiler catwalk to be included in the demolition?
- A22. Yes. This work should be included in BP #02-1, Alternate #04.
- Q23. Does the sewer line in the Ash tunnel get removed?
- A23. It is believed that the sewer line in the ash tunnel/fuel tunnel locate under and east of the Power Plant Building is still active. This line shall be replaced with new pipes and supports as required to support during grout installation. Refer to Sheet 00-S2.06 Detail E2 which is added as part of this addendum for more information.
- Q24. Can the tunnels be filled with geofoam?
- A24. No. The specifications for the tunnel infill are included on Sheet 00-S5.00.
- Q25. Are the footings for fuel oil tanks to remain?
- A25. Yes. The footings for the fuel oil tanks will remain.

DRAWING ITEMS:

1. Sheet 00-S5.01 detail A2 – Add note to read “Locations where ventilation structures are demolished shall be backfilled with soil material with a minimum 6” of topsoil to match adjacent finish grades and allow for positive drainage.”
2. Sheet 12-MD1.01 detail #1 – Revise drawing to show the third smaller boiler to be demolished as part of Alternate #4. All three (3) boilers should be included in the Alternate #4 demolition scope.
3. Sheet 00-C0.01 – Add Surface Restoration Note #4 to read “Contractors shall minimize disturbed areas on campus and shall coordinate with the construction manager on all required construction access locations. Contractors are responsible to restore all disturbed areas associated with their work including, but not limited to, rutting, excavations, fire hydrant removals, and sidewalk and paving backfill. Contractors shall place a minimum of 6” of topsoil in all disturbed areas. Seeding or sodding of all disturbed areas will be completed by Others and is not the responsibility of the current bid packages.

4. Sheet 00-S2.06 – Add Detail E2 as shown on the attached supplemental drawing. This fuel tunnel/ash tunnel sewer work shall be included in BP #02-1 Alternate #2.
5. Sheet 12-E2.01 – Add keynote ETA-12-03 to read ""Add 100' of #4/0 bare copper conductor from the ground bar of MDP panel to a new 5/8" diameter 10' long copper clad steel ground rod to be placed outside of the building. Remove the ground wire that is connected to the water line in the tunnel"

SPECIFICATION ITEMS:

1. See revised Bid Form Specification 00 4116 that has been attached. Added BP #06-1 Alternate #07 Deduct if contractor is awarded both BP #02-1 and BP #06-1.
2. See revised Contract Summary Specification 01 1200 that has been attached.
3. Section 00 1113: Revise bid date to January 28, 2021.
4. Section 00 2113 paragraph 3.06 note B: Revise bid date to January 28, 2021.
5. Section 00 3113 paragraph 1.03 note A: Revise Anticipated Notice of Intent to Award to 2/1/2021.

SECTION 00 4116

BID FORM

RFB #898201-03

BID FORM for CONSTRUCTION CONTRACT
for
State Training School
3211 Edgington Avenue, Eldora, Iowa 50627
Project 8982.01

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

The following documents are to be completed and submitted with your bid.

1. Bid Proposal Form (Required)
2. Non Discrimination Clause Form
3. Contractor Targeted Small Business Enterprise Pre-Bid Contract Information Form
4. Bid Security – 5% of total Bid amount (Is to be submit in separate envelope) (Required)

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 September 18, 2020 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 #02-1

Description: Tunnel Abandonment

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

(\$ _____). Dollars

BP #02-1 Alternate #01

Description: Tunnel Abandonment of tunnels A, C, D, G, J, K (to the north of Cottage 7/8), M, Main Chamber and Power Plant Chambers.

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

(\$ _____). Dollars

BP #02-1 Alternate #02

Description: Tunnel Abandonment of tunnels AC, E, F, H, K (remainder north of Cottage 7/8), and Fuel Tunnel.

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

(\$ _____). Dollars

BP #02-1 Alternate #03

Description: Remove all associated piping, controls, and accessories for existing boilers and equipment.

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

Dollars

(\$_____).

BP #02-1 Alternate #04

Description: Remove boilers, generators, and tanks within the building.

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

Dollars

(\$_____).

BP #02-1 Alternate #05

Description: Sidewalk, tunnel cap and paving replacement.

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

Dollars

(\$_____).

BP #02-1 Alternate #06

Description: Fuel oil tank removal.

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

Dollars

(\$_____).

BP #06-1

Description: Kitchen Canopy and Step Replacement

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

Dollars
(\$ _____).

BP #06-1 Alternate #07

Description: Deduct for BP #06-1 if contractor received award for both BP #02-1 and BP #06-1. This deduct will reduce the total base bid price for BP #06-1 but will not change the base bid price for BP #02-1.

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

Dollars
(\$ _____).

BP #16-1

Description: Electrical

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

Dollars
(\$ _____).

BP #32-1

Description: Trees and Landscaping

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 01 1200

CONTRACT SUMMARY

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Project Information
- B. Project Summary
- C. Bid Scope Summary
- D. Work Hour Restrictions
- E. Access to Site
- F. Coordination with Occupants
- G. Rules for Construction Workers
- H. Bid Package Instructions

1.02 PROJECT INFORMATION

- A. Facility: State Training School 3211 Edgington Avenue, Eldora, Iowa 50627
- B. DAS Project #: 8982.01
- C. Owner: State of Iowa, Department of Administrative Services, Hoover State Office Building, Level 3, 1305 East Walnut Street, Des Moines, IA 50319
- D. Owner's Representative: Jennifer Kleene, Iowa Department of Administrative Services, 109 SE 13th Street, Des Moines, IA 50319
- E. Construction Manager: Jeffrey Reams, Story Construction Co., 2810 Wakefield Circle, Ames, IA 50010

1.03 PROJECT SUMMARY

- A. The project includes, but is not limited to:
 - 1. Bid Package #02-1: Tunnel Abandonment
 - 2. Bid Package #06-1: Kitchen Canopy and Step Replacement
 - 3. Bid Package #16-1: Electrical
 - 4. Bid Package #32-1: Trees and Landscaping
- B. Target date to provide substantial completion is:
 - 1. Bid Package #02-1: 10/29/2021
 - 2. Bid Package #06-1: 8/13/2021
 - 3. Bid Package #16-1: 7/2/2021
 - 4. Bid Package #32-1: 9/3/2021

1.04 BID SCOPE SUMMARY

- A. Scope Applicable to All Bid Packages:
 - 1. Construction of the project shall be accomplished under separate multiple contracts. Award of each separate contract shall be to the lowest responsive, responsible bidder. Bidders may bid more than one Bid Package; however, combined bids will not be accepted. Refer to Section 01 1200-1.09 for a description of work included under each separate contract. Contracts for this Bid Issuance include the following:
 - a. Bid Package #02-1: Tunnel Abandonment
 - b. Bid Package #06-1: Kitchen Canopy and Step Replacement
 - c. Bid Package #16-1: Electrical
 - d. Bid Package #32-1: Trees and Landscaping

2. The Contractor's Work includes all labor, supervision, materials, equipment, services, supplies, tools, facilities, transportation, hoisting, storage, receiving, licenses, inspections, certifications, overhead, profit, or other items required or reasonably inferable to properly and timely perform and complete all work and services to be performed by the Contractor pursuant to this Agreement. Unless specifically stated otherwise, incidental work required to accomplish the work of this Bid Package shall be included the bid. This would include, but not be limited to, temporary facilities, protection of the work, security of equipment, materials, and work in progress, etc. Contractor's Work shall be performed in accordance with the Drawings, Specification Divisions 00 and 01, and Specification sections applicable to each Contractor's scope.
3. Contractor is responsible for all labor and equipment to unload, account for all material delivered, stock, and delivery for this scope of work. Storage and delivery of materials and equipment at the Site shall be permitted only to the extent approved in advance by the Construction Manager, and if anything so stored obstructs the progress of any portion of the work, it shall be promptly removed or relocated by the Contractor without reimbursement.
4. Contractors shall designate two competent persons for the Project, one of which shall always be onsite during the performance of the Contractor's work or any of its subcontractors' work.
5. Provide all temporary facilities required for this scope of work including trailer, trailer power, telephone, secured storage, temporary power for work, temporary and task lighting for work, etc. as determined necessary by Contractor. Coordinate location of trailers, material storage and utility lines with Construction Manager. Limited space is available, and permission to bring any such facility or excess materials on to the site shall be approved by the Construction Manager.
6. Each Contractor shall be responsible for locating private utilities that affects their scope of work.
7. Contractors shall clean up and dispose of waste materials and debris generated from their work daily.
8. Contractors shall remove mud, dirt and debris from roadways as it is generated from their work.
9. Protect adjacent existing building elements from damage from scope of work. Repair existing building elements damaged during Contractor's scope of work.
10. Contractors shall have a copy of their own Company Safety Manual onsite and submit an electronic copy to the Construction Manager.
11. If not included in the Company Safety Manual, Contractors shall submit their OSHA-required Silica Control Policy/Plan along with documentation identifying who the onsite Component Silica Control person(s) are, prior to beginning work onsite.
12. Refer to Section 01 4000-3.04 regarding inspection and testing responsibilities.
13. Contractors shall maintain an accurate set of As-Built Drawings throughout the duration of the Project.

14. Each person must pass a background check prior to work onsite (excluding delivery drivers). The background checks will be completed by the State of Iowa at no cost to the Contractors. Information needed includes full name, date of birth, and social security number.
15. Each person working onsite (excluding delivery drivers) shall attend a 45-minute Sate Training School and Story Construction Co. safety orientation prior to site entry. Upon successful completion of the orientation, each person will receive a hard-hat sticker to identify successful completion. Each person must successfully complete the orientation prior to being allowed onsite to perform work. A 24-hour notice to the Construction Manager of the need for an orientation is required.
16. Each Contractor shall designate a representative to attend one 60-minute pre-construction meeting.
17. Each Contractor and their Subcontractors shall designate an onsite representative to attend a daily 15-minute "End of Shift Meeting" on days which work is performed by them.
18. Each Contractor and their Subcontractors shall designate an onsite representative to attend a weekly 60-minute production and planning meeting the weeks which work is performed by them, plus the two (2) weeks ahead of each Contractor/Subcontractor starting work on site.
19. Each Contractor shall designate a representative to attend a 60-minute bi-weekly Owner/Designer/Construction Manager Meeting.
20. Prior to the weekly production and planning meeting, each Contractor and their Subcontractors shall populate the project planning and communication board with daily activities. This shall include activity description, quantity of work planned for completion daily, crew size for each activity, and location of each activity. The Construction Manager will assist with the population of the board.
21. Each Contractor shall have their Project Manager and onsite representative attend a Story Construction Co. Planning and Production system orientation. Plan for this meeting to last 2-hours.
22. All persons shall wear hardhats, safety glasses, work boots, full-length pants, and shirts with a minimum of 4-inch sleeves while onsite.
23. All persons are prohibited from using products containing tobacco and/or nicotine on site.

1.05 WORK HOUR RESTRICTIONS

- A. Work hours are from 7:00 AM to 6:00 PM, Monday through Friday unless arrangements are made in advance.

1.06 CONTRACTOR USE OF SITE AND PREMISES

- A. Construction Operations: Limited to areas noted on Drawings.
- B. Provide access to and from site as required by law and Owner:
 - 1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
 - 2. Do not obstruct roadways, sidewalks, or other public ways without permission of Owner and permit if required.
- C. Facility will be occupied at all times during duration of work. Contractor personnel shall conduct themselves in an agreeable manner at all times. Failure to do so may result in removal from the work site.
- D. Personal vehicles shall be parked in the designated parking areas shown in the drawings. The vehicles are to remain locked and not running unless occupied.
- E. Tool trailers and office trailers shall be parked in the designated parking areas shown in the drawings. Tool trailers and office trailers must always be locked unless occupied by personnel.

1.07 OWNER OCCUPANCY

- A. Owner intends to occupy the Facility throughout the duration of the project.
- B. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- C. Schedule the Work to accommodate Owner occupancy.

1.08 RULES FOR CONSTRUCTION WORKERS

- A. The staff of the State of Iowa has a responsibility to protect the public by providing a secure environment. All work site rules must be followed always.
- B. All personnel entering the site must have a background check completed prior to entering the campus to perform work. This does not apply to delivery drivers.
- C. Hot Work Permit Processes, when necessary, will be adhered to for this project.
- D. The Training School properties are tobacco free. The use of tobacco and nicotine products are prohibited.
- E. The Contractor is permitted access only to the work site and no other area of the institution.
- F. No drugs, alcohol, or firearms are allowed on the work site.
- G. Do not leave money, drugs, alcohol, or firearms in your personal vehicle.
- H. Company and personal vehicles are to be parked and locked in designated or authorized area of the work.
- I. Never leave keys in any vehicle. If a security officer finds keys in a vehicle, they are under orders to turn them in to a security supervisor.
- J. Do not give anything to residents or take anything from residents; if they offer, inform your supervisor.
- K. During an emergency, follow the instructions of the Training School staff.
- L. All tools, materials and equipment shall always be controlled by the Contractor and never left unattended without being secured. The Contractor shall have a written inventory of tools which they have onsite. All tools shall be secured at the end of each shift. If tools, materials or equipment are missing, the Contractor shall immediately notify the State Training School Staff.
- M. Each person shall check in and check out at the Administration Building switchboard each time entering or exiting the Training School, including breaks and lunch.
- N. All persons shall wear hardhats, safety glasses, work boots, full-length pants and shirts with a minimum of 4-inch sleeves while onsite.
- O. COVID-19 protocols are that the contractors must check in at the Medical Center while wearing a mask to report any symptoms and pass a temperature check before working. COVID-19 protocols change based on current information and case counts. Contractors shall follow COVID-19 protocols that are in place at the time when on site.

1.09 BID PACKAGE INSTRUCTIONS

- A. **Bid Package #02-1** – Tunnel Abandonment: Trade Contractor shall include all of the following, but not limited to, as part of the base bid contract:
1. Specifications:
 - a. Division 00 – Procurement and Contracting Requirements
 - b. Division 01 – General Requirements
 2. Drawings:
 - a. Drawing set titled, “Eldora STS Decentralization Tunnel Abandonment Package and dated 12/18/2020”.
 - 1) The following sheets include work by BP #02-1:
 - a) 00-G0.01, 00-G0.02, 00-C0.01, 00-C0.02, 00-C1.00, 00-C1.01, 00-S1.00, 00-S1.01.
 - b) 00-S2.00 through 00-S2.12 as they apply to the base bid scope of work.
 - c) 00-S3.00 and 00-S3.01 as they apply to the base bid scope of work.
 - d) 00-S5.00 and 00-S5.01 as they apply to the base bid scope of work.
 - b. Coordination: CM to provide temporary lighting for working in the tunnels. BP 02-1 to coordinate requirements for completion of work with CM.
 3. **BP #02-1 Alternate #01** – Tunnel Abandonment of tunnels A, C, D, G, J, K (to the north of Cottage 7/8), M, Power Plant, and Main Chamber: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
 - a. Specifications:
 - 1) Division 00 – Procurement and Contracting Requirements
 - 2) Division 01 – General Requirements
 - b. Drawings titled “Eldora STS Decentralization Tunnel Abandonment Package and dated 12/18/2020”.
 - 1) The following sheets that include work by BP #02-1 Alternate #01:
 - a) 00-C1.02, 00-C3.01, 00-S1.02.
 - b) 00-S2.00 through 00-S2.20 as they apply to Alt. #01 scope of work.
 - c) 00-S3.00 and 00-S3.01 as they apply to Alt. #01 scope of work.
 - d) 00-S5.00 and 00-S5.01 as they apply to Alt. #01 scope of work.
 - c. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - d. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
 - e. Execute accepted alternates under the same conditions as other work of the Contract.
 4. **BP #02-1 Alternate #02** – Tunnel Abandonment of tunnels AC, E, F, H, K (remainder north of Cottage 7/8), and Fuel Tunnel: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
 - a. Specifications:
 - 1) Division 00 – Procurement and Contracting Requirements
 - 2) Division 01 – General Requirements
 - b. Drawings titled “Eldora STS Decentralization Tunnel Abandonment Package and dated 12/18/2020”.

- 1) The following sheets that include work by BP #02-1 Alternate #02:
 - a) 00-C1.03, 00-S1.03.
 - b) 00-S2.00 through 00-S2.20 as they apply to Alt. #02 scope of work.
 - c) 00-S3.00 and 00-S3.01 as they apply to Alt. #02 scope of work.
 - d) 00-S5.00 and 00-S5.01 as they apply to Alt. #02 scope of work.
 - c. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - d. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
 - e. Execute accepted alternates under the same conditions as other work of the Contract.
5. **BP #02-1 Alternate #03** – Remove all associated piping, controls, and accessories for existing boilers: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
- a. Specifications:
 - 1) Division 00 – Procurement and Contracting Requirements
 - 2) Division 01 – General Requirements
 - b. Drawings titled “Eldora STS Decentralization Tunnel Abandonment Package and dated 12/18/2020”.
 - 1) The following sheets that include work by BP #02-1 Alternate #03:
 - a) 12-MD1.01.
 - c. Remove all associated piping, controls and accessories for existing boilers, generators, tanks and other powerhouse equipment as noted on Sheet 12-MD1.01.
 - d. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - e. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
 - f. Execute accepted alternates under the same conditions as other work of the Contract.
6. **BP #02-1 Alternate #04** – Remove boilers, generators, and tanks: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
- a. Specifications:
 - 1) Division 00 – Procurement and Contracting Requirements
 - 2) Division 01 – General Requirements
 - b. Drawings titled “Eldora STS Decentralization Tunnel Abandonment Package and dated 12/18/2020”.
 - 1) The following sheets that include work by BP #02-1 Alternate #04:
 - a) 12-MD1.01
 - c. Remove all boilers, generators, tanks, etc. as shown on Sheet 12-MD1.01.
 - d. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - e. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.

- f. Execute accepted alternates under the same conditions as other work of the Contract.
 - g. Clarification: Work cannot start until tunnel B has been filled.
7. **BP #02-1 Alternate #05** – Sidewalk replacement: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
- a. Specifications:
 - 1) Division 00 – Procurement and Contracting Requirements
 - 2) Division 01 – General Requirements
 - b. Drawings titled “Eldora STS Decentralization Tunnel Abandonment Package and dated 12/18/2020”.
 - 1) The following sheets that include work by BP#02-1 Alternate #05:
 - a) 00-C1.04
 - c. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - d. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
 - e. Execute accepted alternates under the same conditions as other work of the Contract.
8. **BP #02-1 Alternate #06** – Fuel Oil Tank Removal: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
- a. Specifications:
 - 1) Division 00 – Procurement and Contracting Requirements
 - 2) Division 01 – General Requirements
 - b. Drawings titled “Eldora STS Decentralization Tunnel Abandonment Package and dated 12/18/2020”.
 - 1) The following sheets that include work by BP#02-1 Alternate #06:
 - a) 00-C1.03
 - c. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - d. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
 - e. Execute accepted alternates under the same conditions as other work of the Contract.
9. Clarification: Removal of all utilities, pipe, conduit, wires, electrical components, supports, etc. within the tunnel to be removed by BP #02-1, prior to filling the tunnel with grout as it applies to the BP 02-1 base bid, Alt. #01 and Alt. #02. Electrical termination to be completed prior to demo to be completed by BP 16-1.

- B. **Bid Package #06-1** – Kitchen Canopy and Step Replacement: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
- 1. Specifications:
 - a. Division 00 – Procurement and Contracting Requirements
 - b. Division 01 – General Requirements

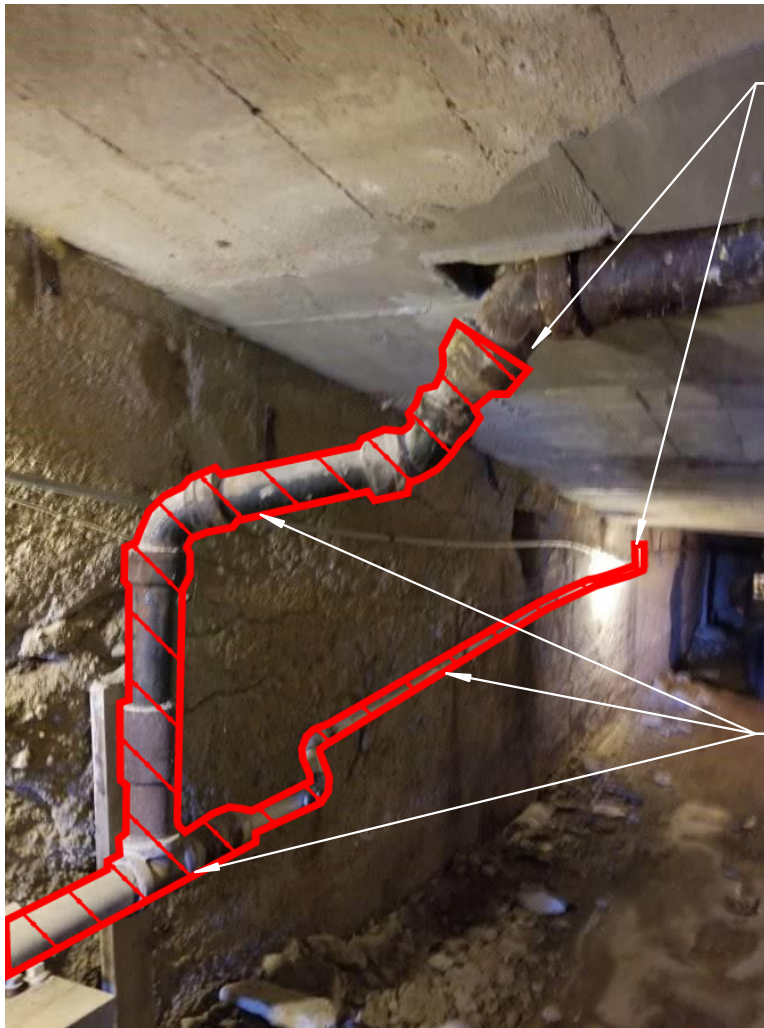
2. Drawings:
 - a. Drawing set titled, "Eldora STS Decentralization Tunnel Abandonment Package and dated 12/18/2020".
 - 1) The following sheets include work by BP #06-1:
 - a) 00-G0.01 and 00-S2.20.
 - b) Related work on Sheets 00-S5.00 and 00-S5.01.
 3. Clarification: Tunnel B must be filled before canopy work can start.
 4. **BP #06-1 Alternate #07** – Deductive cost amount if contractor is awarded both BP #02-1 and BP #06-1: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
 - a. In the event that the same contractor is selected for BP #02-1 and BP #06-1, the Owner may select to accept a deductive amount to reduce the bid for BP #06-1. The deductive amount will only be applied to BP #06-1 and not BP #02-1.
 - b. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - c. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
 - d. Execute accepted alternates under the same conditions as other work of the Contract.
- C. **Bid Package #16-1** – Electrical: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
1. Specifications:
 - a. Division 00 – Procurement and Contracting Requirements
 - b. Division 01 – General Requirements
 - c. Division 26 – Electrical
 2. Drawings:
 - a. Drawing set titled, "Eldora STS Decentralization Tunnel Abandonment Package and dated 12/18/2020".
 - 1) The following sheets include work by BP #16-1:
 - a) 00-G0.01, 12-MD1.01, 00-ESD1.01, 12-ED1.02, 00-ES1.01, 12-E2.01.
 3. Clarification: Removal of all utilities, pipe, conduit, wires, electrical components, supports, etc. within the tunnel to be removed by BP #02-1, prior to filling the tunnel with grout as it applies to the BP #02-1 base bid, Alt. #01 and Alt. #02. Electrical disconnection to be completed prior to demo to be completed by BP 16-1.
- D. **Bid Package #32-1** – Trees and Landscaping: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
1. Specifications:
 - a. Division 00 – Procurement and Contracting Requirements
 - b. Division 01 – General Requirements
 2. Drawings:
 - a. Drawing set titled, "Eldora STS Decentralization Tunnel Abandonment Package and dated 12/18/2020".
 - 1) The following sheets include work by BP #32-1:
 - a) 00-L1.00, 00-L1.01, 00-L1.02, 00-L1.03, 00-L1.04 and 00-L1.05.

- E. **Work Performed by Owner:** The Owner or Construction Manager will perform the following work items:
1. Relocate all moveable furniture, fixtures and equipment (FF&E), including window treatments; and personal materials from each sequenced work area prior to demolition and construction activities and after new construction is completed.
 2. Fire Watch when necessary.
 3. NPDES plan and permit and associated erosion control measures and inspections.
 4. Temporary lighting for tunnels.
 5. Temporary tree dripline fencing (if necessary).
 6. Temporary granular surfacing for parking and laydown area. BP 02-1 to coordinate requirements for completion of work with CM.
 7. Temporary fencing for laydown area.
 8. 3 phase, 200 amp 120/208 panel is available at the laydown area for contractor use. Contractor must provide connection to supply.

PART 2 - PRODUCTS – NOT USED

PART 3 - EXECUTION – NOT USED

END OF SECTION



ROUTE NEW 4" SANITARY LINE IN TUNNEL FROM UNDERGROUND CLEAN OUT TO REMAINING 6" SANITARY PIPE THROUGH TUNNEL ROOF AND RECONNECT. ROUTE 2" SANITARY LINE TO EXISTING 2" PIPE THROUGH TUNNEL ROOF AND RECONNECT.

REMOVE EXISTING ABOVE-GROUND 2" (APPROX. 25 FT) AND 4" (APPROX 60 FT.) HORIZONTAL SANITARY PIPE IN ASH TUNNEL. REMOVE PIPING UP TO TUNNEL ROOF. 2" AND 6" SANITARY PIPES GOING THROUGH TUNNEL ROOF TO REMAIN FOR CONNECTION TO NEW LINE.

SANITARY PIPE AND FITTINGS SHALL BE SOLID WALL SCHEDULE 40 PVC PIPE WITH SOLVENT CEMENT JOINTS MEETING ASTM D2665 FOR DWV OR ENGINEER PRE-APPROVED EQUIVALENT. PIPING AND INSTALLATION SHALL MEET UPC 2018 AND ALL APPLICABLE STATE AND LOCAL CODES.

FUEL TUNNEL SEWER TO REMAIN

E2

1/8" = 1'-0" 0' 12'

3
ADD

SHIVE-HATTERY
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Iowa | Illinois | Indiana

ELDORA STS DECENTRALIZATION TUNNEL ABANDONMENT PACKAGE

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES
3211 EDGINGTON AVE. ELDORA, IA 50627

DATE	1/22/2021	SCALE	As indicated
DRAWN	MSR	FIELD BOOK	
APPROVED	TLS	REFERENCE DRAWING	00-S2.06

PROJECT NO.
4175681

ISSUED FOR
ADD 3

S1