TUNNEL REPAIRS 2024

BALL STATE UNIVERSITY
Muncie, Indiana 47306

Project No.: 2024-015.01 XU

Owner:
Facilities Planning and Management
Ball State University
Muncie, IN 47306

Engineer/Architect:
ARSEE Engineers, Inc.
9715 Kincaid Drive, Suite 100
Fishers, IN 46037-9459

Bryan R. Wilson

ARSEE ENGINEERS, INC.
CLIENT ORIENTED - BY DESIGN
9715 Kincaid Drive, Suite 100
Fishers, IN 46037-9459
FAX 317/594-9590
PHONE 317/594-5152

ADDENDUM No. 1
Issued: May 23, 2024
This addendum is issued in accordance with the provisions of Division 0 - Bidding and Contract Requirements of the Project Manual - Technical Specifications and becomes a part of the Contract Documents as provided therein.

Acknowledge receipt of this Addendum in the space provided on the Proposal Form. Failure to do so may subject the Bidder to disqualification.

I. DRAWING CHANGES
   A. None.

II. PROJECT MANUAL CHANGES
   A. 00 43 00 Bid Form Supplements – replace Appendix C 'Unit Prices' with the attached revised version.
   B. 01 22 00 Unit Prices – replace this section in its entirety with the attached version.

III. QUESTIONS AND CLARIFICATIONS
   A. CLARIFICATIONS – None.
   B. QUESTIONS:
      Q1. Where will we be allowed to park for the duration of each project?  
         A1. One vehicle will be allowed to park on the jobsite and remainder of the vehicles will be required to park in one of the contractor lots on the outskirts of campus.
      Q2. What <parking> areas require a pass and what <parking> areas are metered?  
         A2. Any vehicle on campus will require a parking pass unless it is parked at a meter. The lot on the northwest side of Teacher's College is metered. Contractors can park there as long as they are paying for the meter.
      Q3. Where are utility shut off locations in case of emergency?  
         A3. In the tunnels.
      Q4. Where are temporary utility access locations, water and electricity?  
         A4. The buildings have water spigots and power. If additional power is required, the Contractor will be required to provide a generator.
      Q5. Is a field office required…?  
         A5. Field office is not required.
      Q6. Where is an acceptable dumpster location at Teacher's College?  
         A6. The parking lot area to the north of Teacher's College.
      Q7. Where is an acceptable dumpster location at Bracken Library?  
         A7. A dumpster can be placed at the northwest side of Bracken Library and it will need to be enclosed with six foot chain link fence.

IV. SUBSTITUTION REQUESTS
   A. None.
V. ATTACHMENTS

A. Pre-bid meeting agenda.

B. Pre-bid meeting sign-in sheet.

C. 00 43 00 Bid Form Supplements – Appendix C 'Unit Prices' – REVISED

D. 01 22 00 Unit Prices - REVISED

END OF ADDENDUM 1
I. Project Team
   A. Owner's Representative(s):
      - Ryan Koenker, Facilities Planning & Mgmt., 765-285-2821, email: rrkoenker@bsu.edu
      - Robert Ramey, Facilities Planning & Mgmt., 765-285-2835, email: reramey2@bsu.edu
      - June Sanders, Purchasing, 765-285-1548, email: jasanders3@bsu.edu
   A. Consultant's Representative(s):
      - Bryan Wilson, ARSEE Engineers, 317-594-5152, email: bwilson@arsee-engineers.com

   A. Availability of Contract Documents.
   B. Interpretation of Contract Documents.
   C. Addenda.
   D. Substitutions.

III. Bidding Procedures.
   A. Bidding Date: May 30, 2024 at 11:00 A.M. EDT
      Location: Purchasing Conference Room
      Service & Stores Building
      3401 N. Tillotson Avenue
      Muncie, Indiana 47306
   B. Bidding Form and Other Documents.
      1. Indiana Form 96 (Revised 2013).
      a. Fill out Part II., Section I. Experience Questionnaire
      b. Fill out Part II., Section II. Plan and Equipment Questionnaire.
      c. Attach Part II., Section III. Contractor's Financial Statement.
      d. Fill out Part II., Section IV. Contractors Non – Collusion Affidavit
      e. Fill out Part II., Section V. Oath and Affirmation
      2. Bid Form Supplements, Document 00 43 00
         Appendix A.
         (1) Acknowledgment of Receipt of Addenda.
         (2) Project Completion
            Teachers College August 9, 2024
            Bracken Library October 30, 2024
         Appendix B. Alternatives, n/a
         Appendix C. Unit Prices,
         Appendix D. Principal Subcontractors
         Appendix E. Supplementary General Construction Information
         Appendix F. Supplementary Mechanical Information
         Appendix G. Supplementary Electrical Information
         Appendix H. Supplementary Telecommunications Information
      3. Representations and Certifications, Document 00 45 00
         Appendix 1. Nondiscrimination Compliance Statement
         Appendix 2. Contractors Certification of Self Performance
         Appendix 3. Contractors Certification of Authorized Employment
         Appendix 4. Contractors Certification of Training Program Compliance
         Appendix 5. Drug Testing Plan
         Appendix 6. Contractors Certification of Pre-Qualification Compliance
         Appendix 7. Bidder’s Check List
      4. MBE/WBE/Veteran Participation Plan, Document 00 45 39
         MBE / WBE / Veteran Subcontractor Plan
         Documentation of Effort to Meet MBE / WBE / Veteran Participation
         MBE / WBE / Veteran Letter of Intent to Perform

6. Documents that must be submitted by the Awarded Contractor prior to mobilization.
   Section 00 61 00 – Bond Forms: AIA Document A312 - Performance Bond and Payment Bond
   Section 00 73 73 – Escrow Agreement: Owner will provide document after the award of the project.

IV. Scope of Project.
   A. Summary of Work.
   B. Project Schedule.
   C. Access to Project Area.
   D. Coordination with Other Projects.
   E. Coordination with Owner Occupancy.

V. Questions.

VI. Tour of Project Site.

End of Agenda
<table>
<thead>
<tr>
<th>NAME</th>
<th>REPRESENTING</th>
<th>PHONE NUMBER</th>
<th>EMAIL ADDRESS</th>
</tr>
</thead>
<tbody>
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APPENDIX C - UNIT PRICES (REVISED FOR ADDENDUM 01)

The following are Unit Prices for specific portions of the Work as listed, and are applicable to authorized variations from the Contract Documents. Refer to Section 01 22 00 – Unit Prices: Unit Price Schedule.

<table>
<thead>
<tr>
<th>ITEM OF WORK</th>
<th>UNIT OF MEASUREMENT</th>
<th>UNIT VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete Patching (vertical)</td>
<td>Per Square Foot</td>
<td>$</td>
</tr>
<tr>
<td>Concrete Patching (horizontal)</td>
<td>Per Square Foot</td>
<td>$</td>
</tr>
<tr>
<td>Epoxy Injection in concrete (vertical) (&lt; 50 LF)</td>
<td>Per Linear Foot</td>
<td>$</td>
</tr>
<tr>
<td>Epoxy Injection in concrete (horizontal) (&lt; 50 LF)</td>
<td>Per Linear Foot</td>
<td>$</td>
</tr>
<tr>
<td>Remove and replace 4-inch thick cast-in-place concrete slab on grade reinforced with 6x6-W1.4xW1.4 WWR</td>
<td>Per Square Foot</td>
<td>$</td>
</tr>
<tr>
<td>Dutchman repairs in limestone knee wall (4&quot; thickness)</td>
<td>Per Square Foot</td>
<td>$</td>
</tr>
<tr>
<td>Prepare concrete substrate and install cold fluid-applied waterproofing assembly</td>
<td>Per Square Foot</td>
<td>$</td>
</tr>
</tbody>
</table>
SECTION 01 22 00 (REVISED FOR ADDENDUM 1)

UNIT PRICES

PART 1 - GENERAL

1.1 SUMMARY
   A. This Section includes administrative and procedural requirements for unit prices.

1.2 DEFINITIONS
   A. Unit price is an amount proposed by bidders and stated on the Bid Form, as a price per unit of measurement for materials or services added to or deducted from the Contract Sum by appropriate modification, if estimated quantities of Work required by the Contract Documents are increased or decreased.

1.3 PROCEDURES
   A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, and profit.
   B. Measurement and Payment: Refer to individual Specification Sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections.
   C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
   D. List of Unit Prices: A list of unit prices is included at the end of this Section. Specification Sections referenced in the schedule contain requirements for materials described under each unit price.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 LIST OF UNIT PRICES
   A. Unit Price 1 – Concrete patching in vertical surfaces.
      1. Furnish the following according to Division 03 Section ‘Concrete Repairs’.
      2. Remove existing loose / unsound concrete substrate, clean and coat exposed rebar, prepare substrate surfaces and install repair mortar in accordance with the products and procedures specified.
      3. Unit of measurement: per square foot.
   B. Unit Price 2 – Concrete patching in horizontal surfaces.
      1. Furnish the following according to Division 03 Section ‘Concrete Repairs’.
2. Remove existing loose / unsound concrete substrate, clean and coat exposed rebar, prepare substrate surfaces and install repair mortar in accordance with the products and procedures specified.
3. Unit of measurement: per square foot.

C. Unit Price 3 – Epoxy injection in cracked vertical concrete surfaces. Assume less than 50 LF total
1. Furnish the following according to Division 03 Section ‘Concrete Repairs’.
2. Prepare substrate surface, install temporary injections ports, face seal cracks, flush and inject cracks in vertical concrete surfaces using the products and procedures specified.
3. Unit of measurement: per linear foot.

D. Unit Price 4 – Epoxy injection in cracked horizontal concrete surfaces. Assume less than 50 LF total
1. Furnish the following according to Division 03 Section ‘Concrete Repairs’.
2. Prepare substrate surface, install temporary injections ports, face seal cracks, flush and inject cracks in vertical concrete surfaces using the products and procedures specified.
3. Unit of measurement: per linear foot.

E. Unit Price 5 – Remove and replace reinforced cast-in-place concrete slab on grade.
1. Furnish the following according to Division 03 Section ‘Cast-in-Place Concrete’.
2. Furnish and install sufficient quantities of compacted gravel base, 6x6-W1.4xW1.4 welded wire reinforcement, cast-in-place concrete of the specified mix design and accessories required to create a 4-inch-thick exterior slab-on-grade based on the unit of measurement indicated below. Finish the exposed slab surface as indicated by the Owner and implement curing measures as specified.
3. Unit of measurement: per square foot.

F. Unit Price 6 – Dutchman repairs in limestone knee wall.
1. Furnish the following according to Division 04 Section ‘Masonry Repairs’.
2. Prepare substrate surfaces and install limestone dutchman repairs up to 4 inches thick to match the color and texture of the parent stone using materials and procedures as specified.
3. Unit of measurement: per square foot.

G. Unit Price 7 – Prepare concrete substrate and install cold fluid-applied waterproofing assembly.
1. Furnish the following according to Division 07 Section ‘Cold Fluid-Applied Waterproofing’.
2. Prepare substrate surfaces and install a complete waterproofing assembly using the materials and procedures as specified.
3. Unit of measurement: per square foot.

END OF SECTION