

# 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 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**

**AGENDA**

**Tunnel Repairs 2024**  
**Ball State University**  
**BSU Project No. 2024-015.01 XU**  
**May 17, 2024**

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**I. Project Team**

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

**II. Contract Documents: Project Manual and Drawings.**

- 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

5. Bid Security, Document 00 43 13.
  
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**

**Ball State University**  
*Facilities Planning & Management*  
 Pre-Bid Conference

**SIGN-IN SHEET**

Tunnel Repairs 2024  
 Ball State University  
 BSU Project No. 2024-015.01 XU  
 May 17, 2024

NAME	REPRESENTING	PHONE NUMBER	EMAIL ADDRESS
Ryan Koanaka	TSSU- FP&M	765-285-2821	rrkoanaka@bsu.edu
Bryan Wilson	ARSEE	317-594-6473	bwilson@arsee-engineers.com
Nate Fralcy	ARSEE	317-487-2676	nfralcy@arsee-engineers.com
Conner Belcher	Charles C. Brant	317-432-2838	c.belcher@ccbrant.com
June Sanders	BSU Purchasing	937-285-1548	jsanders3@BSU.EDU
Nathan Kennedy	Browning Chapman	513-818-5977	NKennedy@BrowningChapman
Michael Schaefer	Pridemont Construction	765-744-7272	mschaefer@pridemontconstruction.com
Jeff Browning	Browning Chapman	317-671-1357	JBrowning@BrowningChapman.com
Joe Kennedy	Browning Chapman	(513) 616-0844	jkennedy@browningchapman.com

**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.

ITEM OF WORK	UNIT OF MEASUREMENT	UNIT VALUE
Concrete Patching (vertical)	Per Square Foot	\$
Concrete Patching (horizontal)	Per Square Foot	\$
Epoxy Injection in concrete (vertical) (< 50 LF)	Per Linear Foot	\$
Epoxy Injection in concrete (horizontal) (< 50 LF)	Per Linear Foot	\$
Remove and replace 4-inch thick cast-in-place concrete slab on grade reinforced with 6x6-W1.4xW1.4 WWR	Per Square Foot	\$
Dutchman repairs in limestone knee wall (4" thickness)	Per Square Foot	\$
Prepare concrete substrate and install cold fluid-applied waterproofing assembly	Per Square Foot	\$

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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'.



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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