BRACKEN LIBRARY MASONRY AND ROOF REPAIRS
PHASE V

BALL STATE UNIVERSITY
Muncie, Indiana 47306

Project No.: 2020-022.01 BL

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

Frederick A. Herget

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ADDENDUM No. 1
Issued: February 24, 2020
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.

Acknowledged 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. Delete Sheet A100 and replace with the attached Sheet A100 – REVISED.

II. PROJECT MANUAL CHANGES
    A. Insert Specification Section 01 74 19 Construction Waste Management.

III. QUESTIONS AND CLARIFICATIONS
    A. CLARIFICATIONS
       1. The Contractor may close one lane of McKinley Avenue in order to remove gravel ballast from the roof. Coordinate the closure with the Owner’s Representative and the City of Muncie. Street closures are most likely to take place over the course of a weekend. The Contractor shall notify the Owner a minimum of two weeks prior to the street closing. The Contractor shall be responsible for all required permits and associated fees.

    B. QUESTIONS – None.

IV. ATTACHMENTS
    A. Sheet A100 – REVISED.
    B. Specification Section 01 74 19 – Construction Waste Management.
    C. Pre-bid meeting agenda.
    D. Pre-bid meeting sign-in sheet.

END OF ADDENDUM 1
SECTION 01 74 19

CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes:
   2. Construction waste recycling.
   3. Construction waste adaptive reuse.

1.2 REFERENCES

A. ASTM International:

1.3 PLAN REQUIREMENTS

A. Develop and implement construction waste management plan in accordance with ASTM E1609 and as approved by Owner.

B. Intent:
   1. Divert construction, demolition, and land clearing debris from landfill disposal.
   2. Redirect recyclable material back to manufacturing process.
   3. Generate cost savings or increase minimal additional cost to Project for waste disposal.

1.4 SUBMITTALS

A. Section 01 33 00 - Submittal Procedures: Requirements for submittals.

B. Construction Plan: Submit construction waste management plan describing methods and procedures for implementation and monitoring compliance including the following:
   1. Transportation company hauling construction waste to waste processing facilities.
   2. Recycling and adaptive reuse processing facilities and waste type each facility will accept.
   3. Construction waste materials anticipated for recycling and adaptive reuse.
   4. On site sorting and site storage methods.

C. Submit documentation prior to Substantial Completion substantiating construction waste management plan was maintained and goals were achieved.
   1. Trash: Quantity by weight deposited in landfills. Include associated fees, transportation costs, container rentals, and taxes for total cost of disposal.
   2. Salvaged Material: Quantity by weight with destination for each type of material salvaged for resale, recycling, or adaptive reuse. Include associated fees, transportation costs, container rentals, and taxes for total cost of disposal. Also include reimbursements due to salvage resale.
3. Total Cost: Indicate total cost or savings for implementation of construction waste management plan.

1.5 CLOSEOUT SUBMITTALS

A. Section 01 70 00 - Execution and Closeout Requirements: Requirements for submittals.

1.6 CONSTRUCTION WASTE MANAGEMENT PLAN

A. Construction Waste Landfill Diversion: Minimum 50 percent by weight of construction waste materials for duration of Project through resale, recycling, or adaptive reuse.

B. Implement construction waste management plan at start of construction.

C. Review construction waste management plan at pre-construction meeting and progress meetings specified in Section 01 30 00.

D. Distribute approved construction waste management plan to subcontractors and others affected by Plan Requirements.

E. Oversee plan implementation, instruct construction personnel for plan compliance, and document plan results.

F. Purchase Products to prevent waste by:
   1. Ensuring correct quantity of each material is delivered to site.
   2. Choosing products with minimal or no packaging.
   3. Requiring suppliers to use returnable pallets or containers.
   4. Requiring suppliers to take or buy-back rejected or unused items.

1.7 CONSTRUCTION WASTE RECYCLING

A. Use source separation method or co-mingling method suitable to sorting and processing method of selected recycling center. Dispose non-recyclable trash separately into landfill.

B. Source Separation Method: Recyclable materials separated from trash and sorted into separate bins or containers, identified by waste type, prior to transportation to recycling center.

C. Co-Mingling Method: Recyclable materials separated from trash and placed in unsorted bins or container for sorting at recycling center.

D. Materials suggested for recycling include:
   1. Packing materials including paper, cardboard, foam plastic, and sheeting.
   2. Recyclable plastics.
   3. Organic plant debris.
   4. Earth materials.
   5. Native stone and granular fill.
   6. Asphalt and concrete paving.
   7. Wood without embedded nails and staples.
   8. Glass, clear and colored types.
   11. Acoustical ceiling tile.
12. Carpet.
14. Other recyclable materials.

1.8 CONSTRUCTION WASTE ADAPTIVE RE-USE

A. Arrange with processing facility for salvage of construction material and processing for reuse. Do not reuse construction materials on site except as accepted by Owner and Architect/Engineer.

B. Materials suggested for adaptive reuse include:
   1. Concrete and crushed concrete.
   2. Masonry units.
   3. Lumber suitable for re-sawing or refinishing.
   4. Casework and millwork.
   5. Doors and door frames.
   7. Window glass and insulating glass units.
   8. Hardware.
  11. Fluorescent light fixtures and lamps.

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION

3.1 CONSTRUCTION WASTE COLLECTION

A. Collect construction waste materials in marked bins or containers and arrange for transportation to recycling centers or adaptive salvage and reuse processing facilities.

B. Maintain recycling and adaptive reuse storage and collection area in orderly arrangement with materials separated to eliminate co-mingling of materials required to be delivered separately to waste processing facility.

C. Store construction waste materials to prevent environmental pollution, fire hazards, hazards to persons and property, and contamination of stored materials.

D. Cover construction waste materials subject to disintegration, evaporation, settling, or runoff to prevent polluting air, water, and soil.

3.2 CONSTRUCTION WASTE DISPOSAL

A. Deliver construction waste to waste processing facilities. Obtain receipt for deliveries.

B. Dispose construction waste not capable of being recycled or adaptively reused by delivery to landfill, incinerator, or other legal disposal facility. Obtain receipt for deliveries.

END OF SECTION
Bracken Library Masonry and Roof Repairs – Phase V
Ball State University
BSU Project No. 2020-022.01 BL
February 13, 2020

AGENDA

I. Project Team
   A. Owner’s Representative(s):
      Kelly Knable, Facilities Planning & Mgmt., 765-285-0585, email: kaknable@bsu.edu
      Ryan Koenker, Facilities Planning & Mgmt., 765-285-2821, email: rrkoenker@bsu.edu
      June Sanders, Purchasing, 765-285-1548, email: jasanders3@bsu.edu

   B. Consultant’s Representative(s):
      Scott Drake, ARSEE Engineers, 317-594-2152, email: sdrake@arsee-engineers.com

II. Contract Documents:
   A. Project Manual and Drawings.
      A. Availability of Contract Documents.
      B. Interpretation of Contract Documents.
      C. Addenda.
      D. Substitutions.

III. Bidding Procedures.
   A. Bidding Date: March 3, 2020 @ 11:00 A.M.
      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 (July 1, 2020 – October 30, 2020)
         Appendix B. Alternatives, (1 Alternate)
         Appendix C. Unit Prices, (6 Unit Prices)
         Appendix D. Principal Subcontractors
         Appendix E. Supplementary General Construction Information
         Appendix F. Supplementary Mechanical Information (N/A)
         Appendix G. Supplementary Electrical Information (N/A)
         Appendix H. Supplementary Telecommunications Information (N/A)

   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

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