

# SCHUTT-LOOKABILL CO., INC.

CONTRACTORS  
4050 ROCKVILLE ROAD  
INDIANAPOLIS, INDIANA 46222  
PHONE: (317) 484-1500 FAX: (317) 484-1561

**TO: ALL CERTIFIED MBE/WBE/VBE SUBBCONTRACTORS/SUPPLIERS**

**RE: INDOT Letting – May 8, 2014**

To Whom It May Concern:

Schutt-Lookabill Co., Inc. is preparing a bid as a prime contractor on the listed project(s) below for the May 8, 2014 Indiana Department of Transportation Letting. As a result of this, our company would appreciate receiving a quote on any item or items that you are qualified to bid on:

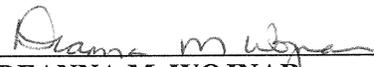
**B-37017-A Bridge Deck Overlay on CR 1000 E over I-74 & CR 275 E over I-74, Hendricks County (Design Build - Scope of work attached)**

Should you wish to submit a quotation on any of these projects listed above and would like to receive additional information on plans, revisions, or special provisions, you may contact our office or the Indiana Department of Transportation at Room N855, State Office Building, Indianapolis, Indiana.

Quotations may be faxed to (317) 484-1561 until 5:00 P.M. on Tuesday, May 7, 2014. If you need any additional information, please don't hesitate to contact this office.

All subcontractors and suppliers, including minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, age, national origin, disability/handicap, or income status in consideration for an award.

**SCHUTT-LOOKABILL CO., INC.**

  
\_\_\_\_\_  
**DEANNA M. WOJNAR**  
EEO Officer

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**Contractor Name**

\_\_\_\_\_ I do plan to bid on the referenced letting

\_\_\_\_\_ I do not plan to bid on the referenced letting

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## **INDOT LETTING: 05-08-2014**

Please find below a list of items of work that we would appreciate receiving a quote on. If you need more detailed information, please contact our office and we will provide you with any additional information you may need.

ASPHALT PAVING  
BRIDGE DECK SEALING  
BRIDGE PAINTING AND SANDBLASTING  
BRIDGE RAIL  
CONCRETE PAVEMENT CRACK SEALING  
CONSTRUCTION ENGINEERING  
CONSTRUCTION SIGNS AND BARRICADES  
ELECTRICAL ITEMS  
EROSION CONTROL  
FENCING  
FIBERWRAP  
FIELD OFFICE  
GUARDRAIL ITEMS  
HOURLY HAULING (1) TANDEM (2) TRI-AXLE  
HYDRODEMOLITION  
LANDSCAPING  
MASONRY COATING  
PAVEMENT MARKINGS  
REINFORCING STEEL, EPOXY AND PLAIN  
SEAL COATING  
SIGNS & SIGNALS  
SOD & SEEDING  
SNOWPLOWABLE RAISED PAVEMENT  
SURFACE MILLING  
SURFACE SEAL  
TRAFFIC MAINTENANCE

**SCOPE OF SERVICES**

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**FINAL DOCUMENTS**

The Design/Builder shall furnish the Department final hard copy documentation which shall include, but not be limited to: as-built plans, engineering reports, design calculations, shop drawings, test results, daily reports, final as-built quantities in Estimator format (by Des. No.), with calculations, all certified by an Indiana Registered Professional Engineer. Design calculations shall be provided for all bridge structures, roadside safety requirements, etc. The final hard copy documentation shall be submitted as one complete package following the completion of all construction activity.

If the final documentation is not submitted to the Department within 60 calendar days of the last day of work, \$1,000.00 a calendar day will be assessed, not as a penalty, but as damages sustained for each calendar day after 60 calendar days of the last day of work that final documentation is not provided.

**As-Built Plan Requirements:**

The Design/Builder shall prepare final as-built plans. The plans shall conform to Department plan development and preparation guidelines for tracing submittal. The as-built plans shall be submitted to the Department as electronic data on disk in .dwg or .dgn, and .pdf, and .tiff files

**EXISTING PLANS AND CONSTRUCTION CONTRACTS**

The Department will make available to the Design/Builder an electronic copy (.pdf format) of all the relevant existing plans for the contract.

**SCOPE OF WORK****Str. I74-60-4428A****REMOVAL ITEMS**

1. Remove existing overlay and prepare deck surface in accordance with the hydrodemolition special provision.
2. Construct full depth bridge deck patches as directed by the Engineer.
3. Remove existing reinforced concrete approach slabs with bituminous overlay.
4. Removed curved bridge rail transition and portion of wingwalls required to construct new full width approach slabs.
5. Remove existing bridge rail at each coping.
6. Remove a portion safety curb on structure copings to allow remaining curb to be incorporated into a standard concrete bridge railing shape and obtain a clear roadway of 30'-0.
7. Remove portions of existing approach guardrail necessary to construct new guardrail transitions at all bridge corners.
8. Remove existing BS expansion joints at end bent locations.
9. Remove top of mudwalls down to the existing construction joint below the pavement ledge.
10. Remove a 5'-0 wide section of the bridge deck measured perpendicular to the joint in conjunction with mudwall removal.

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**BRIDGE ITEMS**

11. Reconstruct mudwalls using Class A Concrete.
12. Reconstruct portions of the bridge deck using Class C Concrete.
13. Place a minimum 2¼" Modified Portland Cement Concrete Overlay over the area previously Hydro-demolished using a 1.5% cross slope.
14. Install Expansion Joint Sealing System at end bents.
15. Construct 12" reinforced concrete approach slabs at each end of the bridge extending for the full clear roadway width on the structure and extending over the existing wingwalls. Approach slab shall connect to new pavement ledge.
16. Construct Standard Concrete Bridge Rail on top of existing curbs and connect to the existing bridge deck by dowelling bars into Field Drilled Holes in Concrete using an approved epoxy bonding system.
17. Construct TFC Bridge Rail Transitions including approach slab extensions at each corner of the bridge.
18. Clean and paint existing bearings at end bents.
19. Patch bridge seat at south end bent.
20. Prepare and fiber wrap all existing columns at interior piers in accordance with the Fiber Wrap Provision.
21. Prepare and fiber wrap existing pier caps at pier No. 2 and 4 in accordance with the Fiber Wrap Provision.

**APPROACH ROADWAY ITEMS**

22. Install new guardrail transitions, Type TGB at all corners of the bridge. The transitions shall connect to existing guardrail.
23. Mill existing bituminous approach pavement as necessary and construct an HMA Bituminous Wedge in order to transition the new profile grade back to the existing roadway surface.
24. Install 8'-0" wide Riprap Turnout Ditches from the ends of the new bridge rail transitions to the bottoms of the existing slopes.
25. Replace pavement markings in kind where existing is covered or removed during construction.

**MISCELLANEOUS ITEMS**

26. The new approach slabs, concrete bridge rail, and bridge rail transitions shall be surface sealed.

**MAINTENANCE OF TRAFFIC**

27. Traffic will be maintained utilizing a temporary traffic signal and an alternating one-way lane during the duration of this project. The work zone shall be separated from traffic by concrete barrier rail. Existing shoulders shall be widened and/or thickened as necessary in order to accommodate the temporary shift in traffic lanes. When widening and/or thickening is required, it shall consist of 990 Lbs/Syd HMA Base. A detour shall be permitted if the Design/Builder obtains approval from the Local Public Agency.
28. Limited single lane closures of I-74 are permitted in accordance with the Interstate Congestion Policy.

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**Str. I74-60-4435A****REMOVAL ITEMS**

1. Remove existing overlay and prepare deck surface and top of mudwall in accordance with the hydrodemolition special provision.
2. Construct full depth bridge deck patches as directed by the Engineer.
3. Remove existing reinforced concrete approach slabs with bituminous overlay.
4. Removed curved bridge rail transition and portion of wingwalls required to construct new full width approach slabs.
5. Remove existing bridge rail at each coping.
6. Remove a portion safety curb on structure copings to allow remaining curb to be incorporated into a standard concrete bridge railing shape and obtain a clear roadway of 26'-0.
7. Remove all existing aluminum approach guardrail at all bridge corners. Existing w-beam guardrail shall remain.
8. Remove existing BS expansion joints at end bent locations.

**BRIDGE ITEMS**

9. Place a minimum 2¼" Modified Portland Cement Concrete Overlay over the area previously Hydro-demolished using a 1.5% cross slope.
10. Install Expansion Joint Sealing System at end bents.
11. Construct 12" reinforced concrete approach slabs at each end of the bridge extending for the full clear roadway width on the structure and extending over the existing wingwalls. Approach slab shall connect to existing pavement ledge by dowelling bars into Field Drilled Holes in Concrete using an approved epoxy bonding system.
12. Construct Standard Concrete Bridge Rail on top of existing curbs and connect to the existing bridge deck by dowelling bars into Field Drilled Holes in Concrete using an approved epoxy bonding system.
13. Construct TFC Bridge Rail Transitions including approach slab extensions at each corner of the bridge.
14. Clean and paint existing bearings.

**APPROACH ROADWAY ITEMS**

15. Install new guardrail transitions, Type TGB and w-beam guardrail at all corners of the bridge. The new guardrail shall connect to existing guardrail.
16. Mill existing bituminous approach pavement as necessary and construct an HMA Bituminous Wedge in order to transition the new profile grade back to the existing roadway surface.
17. Install 8'-0 wide Riprap Turnout Ditches from the ends of the new bridge rail transitions to the bottoms of the existing slopes.
18. Replace pavement markings in kind where existing is covered or removed during construction.

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**MISCELLANEOUS ITEMS**

19. The new approach slabs, concrete bridge rail, and bridge rail transitions shall be surface sealed.

**MAINTENANCE OF TRAFFIC**

20. Traffic will be maintained utilizing a temporary traffic signal and an alternating one-way lane during the duration of this project. The work zone shall be separated from traffic by concrete barrier rail. Existing shoulders shall be widened and/or thickened as necessary in order to accommodate the temporary shift in traffic lanes. When widening and/or thickening is required, it shall consist of 990 Lbs/Syd HMA Base. A detour shall be permitted if the Design/Builder obtains approval from the Local Public Agency.
21. Limited single lane closures of I-74 are permitted in accordance with the Interstate Congestion Policy.

**CONSTRUCTION REQUIREMENTS:**

The following work elements and the design elements shown in the contract plans shall be the minimum requirements for this project. As construction progresses and other work elements become apparent, the Design/Builder shall perform all work at the lump sum price for design/build.

**A. Design Criteria**

1. All design criteria shall be in accordance with 3R standards unless otherwise directed in the Scope of Work.

**B. Bridge Structures General**

1. Approach slabs shall be designed such that they will not be allowed to be poured concurrently with the bridge deck.
2. Drainage features shall be designed to eliminate or minimize the need for bridge deck drains. Wherever possible, bridge drainage shall be directed to riprap drainage turnouts located beyond a concrete bridge railing transition.
3. Riprap shall be sized appropriately in accordance with Department approved hydraulic calculations.

**C. Roadside Safety**

1. All clear zone obstructions and non-traversable hazards shall be mitigated in accordance with Chapter 303 (previously Chapter 49) of the Indiana Design Manual. The Design/Builder shall verify the location and length of all guardrail and barriers required.

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**D. Erosion Control**

1. Erosion control measures shall be in accordance with Chapter 205 of the Indiana Design Manual and the IDNR's "Indiana Handbook for Erosion Control in Developing Areas", all environmental permit requirements, and applicable Special Provisions.

**E. Pavement Markings**

1. New snowplowable raised pavement markers shall be installed.

**F. Drainage**

1. All existing drainage structures that will no longer be used shall either be removed and backfilled with structure backfill or filled with flowable backfill.

**G. Maintenance of Traffic**

1. The maintenance of traffic shall be in accordance with the Traffic Control Plan, (TCP). All construction signs shall use Diamond Grade Sheeting (ASTM Standard D 4956 Type VII, VIII or IX), or approved equal.
2. All intersecting local roads shall remain open to traffic.
3. Temporary Worksite Speed Limit Sign Assemblies shall be provided during maintenance of traffic operations as required, and shall be located as directed by the Engineer.
4. Temporary Changeable Message Signs shall be provided during maintenance of traffic operations as required, and shall be located as directed by the Engineer.
5. Existing drainage shall be maintained at all times during all phases of construction.