



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**DNRB12087**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
**FRANK WHITTAKER**  
**304-558-2316**

RFQ COPY  
 TYPE NAME/ADDRESS HERE

VENDOR

Danhill Construction Company  
 PO Box 685  
 Gauley Bridge, WV 25085

SHIP TO

DIVISION OF NATURAL RESOURCES  
 PARKS & RECREATION SECTION  
 324 4TH AVENUE  
 SOUTH CHARLESTON, WV  
 25303-1228 304-558-3397

| DATE PRINTED | TERMS OF SALE | SHIP VIA | F.O.B. | FREIGHT TERMS |
|--------------|---------------|----------|--------|---------------|
| 12/14/2011   |               |          |        |               |

BID OPENING DATE: **02/01/2012** BID OPENING TIME **01:30PM**

| LINE   | QUANTITY | UOP | CAT. NO. | ITEM NUMBER | UNIT PRICE | AMOUNT                    |
|--|----------|-----|----------|-------------|------------|---------------------------|
| 0001   | 1        | EA  |          | 968-42      |            | \$1,775,789 <sup>00</sup> |
| <p><b>GENERAL CONSTRUCTION</b></p> <p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICITING BIDS FOR DAM MODIFICATIONS AT BERWIND LAKE WILDLIFE MANAGEMENT AREA, MCDOWELL COUNTY WEST VIRGINIA.</p> <p>THIS IS AN EAST BOND FUNDED CAPITAL IMPROVEMENT PROJECT. PAYMENTS WILL BE MADE TO VENDORS BY THE BANK OF NEW YORK MELLON.</p> <p><b>MANDATORY PRE-BID</b></p> <p>A MANDATORY PRE-BID WILL BE HELD ON 01/05/2012 AT 12:00 PM AT THE BERWIND LAKE WMA DAM, MCDOWELL CO. ALL INTERESTED PARTIES ARE REQUIRED TO ATTEND THIS MEETING. FAILURE TO ATTEND THE MANDATORY PRE-BID SHALL RESULT IN DISQUALIFICATION OF THE BID. NO ONE PERSON MAY REPRESENT MORE THAN ONE BIDDER.</p> <p>AN ATTENDANCE SHEET WILL BE MADE AVAILABLE FOR ALL POTENTIAL BIDDERS TO COMPLETE. THIS WILL SERVE AS THE OFFICIAL DOCUMENT VERIFYING ATTENDANCE AT THE MANDATORY PRE-BID. FAILURE TO PROVIDE YOUR COMPANY AND REPRESENTATIVE NAME ON THE ATTENDANCE SHEET WILL RESULT IN DISQUALIFICATION OF THE BID. THE STATE WILL NOT ACCEPT ANY OTHER DOCUMENTATION TO VERIFY ATTENDANCE. THE BIDDER IS RESPONSIBLE FOR ENSURING THEY HAVE COMPLETED THE INFORMATION REQUIRED ON THE ATTENDANCE SHEET. THE PURCHASING DIVISION AND THE STATE AGENCY</p> |          |     |          |             |            |                           |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|                                    |                             |                                   |
|------------------------------------|-----------------------------|-----------------------------------|
| SIGNATURE<br><i>Robert D. Hill</i> | TELEPHONE<br>1-304-632-1600 | DATE<br>02-15-2012                |
| TITLE<br>PRESIDENT                 | FEIN<br>55-0648251          | ADDRESS CHANGES TO BE NOTED ABOVE |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

## GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
5. Payment may only be made after the delivery and acceptance of goods or services.
6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at [www.state.wv.us/admin/purchase/vrc/hipaa.html](http://www.state.wv.us/admin/purchase/vrc/hipaa.html) and is hereby made part of the agreement provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

### INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as EQUAL to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

|                  |
|------------------|
| RFQ NUMBER       |
| <b>DNRB12087</b> |

|          |
|----------|
| PAGE     |
| <b>2</b> |

|   |
|---|
| ADDRESS CORRESPONDENCE TO ATTENTION OF: |
| <b>FRANK WHITTAKER<br/>304-558-2316</b> |

|        |                        |
|--------|------------------------|
| VENDOR | RFQ COPY               |
|        | TYPE NAME/ADDRESS HERE |

|         |   |
|---------|---|
| SHIP TO | DIVISION OF NATURAL RESOURCES<br>PARKS & RECREATION SECTION       |
|         | 324 4TH AVENUE<br>SOUTH CHARLESTON, WV<br>25303-1228 304-558-3397 |

|              |               |          |        |               |
|--------------|---------------|----------|--------|---------------|
| DATE PRINTED | TERMS OF SALE | SHIP VIA | F.O.B. | FREIGHT TERMS |
| 12/14/2011   |               |          |        |               |

BID OPENING DATE: **02/01/2012** BID OPENING TIME **01:30PM**

| LINE  | QUANTITY | UOP | CAT. NO. | ITEM NUMBER | UNIT PRICE | AMOUNT |
|---|----------|-----|----------|-------------|------------|--------|
| <p>WILL NOT ASSUME ANY RESPONSIBILITY FOR A BIDDER-S FAILURE TO COMPLETE THE PRE-BID ATTENDANCE SHEET. IN ADDITION, WE REQUEST THAT ALL POTENTIAL BIDDERS INCLUDE THEIR E-MAIL ADDRESS AND FAX NUMBER.</p> <p>ALL POTENTIAL BIDDERS ARE REQUESTED TO ARRIVE PRIOR TO THE STARTING TIME FOR THE PRE-BID. BIDDERS WHO ARRIVE LATE, BUT PRIOR TO THE DISMISSAL OF THE TECHNICAL PORTION OF THE PRE-BID WILL BE PERMITTED TO SIGN IN. BIDDERS WHO ARRIVE AFTER CONCLUSION OF THE TECHNICAL PORTION OF THE PRE-BID, BUT DURING ANY SUBSEQUENT PART OF THE PRE-BID WILL NOT BE PERMITTED TO SIGN THE ATTENDANCE SHEET.</p> <p>ALL TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE WV PURCHASING DIVISION VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV OR VIA FAX AT 304-558-4115. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 01/11/2012. ALL TECHNICAL QUESTIONS WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE.</p> <p>BIDDING DOCUMENTS CONSIST OF REQUEST FOR QUOTATION, PLANS AND SPECIFICATIONS.</p> <p>REQUEST FOR QUOTATION MAY BE OBTAINED BY CONTACTING:<br/>           FRANK WHITTAKER, SENIOR BUYER<br/>           WEST VIRGINIA PURCHASING DIVISION<br/>           2019 WHASHINGTON STREET, EAST<br/>           CHARLESTON, WV 25305<br/>           TELEPHONE: 304-558-2316</p> <p>PLANS AND SPECIFICATIONS MAY BE OBTAINED BY CONTACTING:<br/>           CIVIL TECH ENGINEERING INC.<br/>           300A PRESTIGE DRIVE<br/>           HURRICANE, WV 25526<br/>           TELEPHONE: 304-757-8094</p> |          |     |          |             |            |        |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|           |           |                                   |
|-----------|-----------|-----------------------------------|
| SIGNATURE | TELEPHONE | DATE                              |
| TITLE     | FEIN      | ADDRESS CHANGES TO BE NOTED ABOVE |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**DNRB12087**

PAGE  
**3**

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
**FRANK WHITTAKER**  
**304-558-2316**

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

SHIP TO

DIVISION OF NATURAL RESOURCES  
 PARKS & RECREATION SECTION  
 324 4TH AVENUE  
 SOUTH CHARLESTON, WV  
 25303-1228 304-558-3397

| DATE PRINTED | TERMS OF SALE | SHIP VIA | F.O.B. | FREIGHT TERMS |
|--------------|---------------|----------|--------|---------------|
| 12/14/2011   |               |          |        |               |

BID OPENING DATE: **02/01/2012** BID OPENING TIME **01:30PM**

| LINE   | QUANTITY | UOP | CAT. NO. | ITEM NUMBER | UNIT PRICE | AMOUNT |
|--|----------|-----|----------|-------------|------------|--------|
|  |          |     |          |             |            |        |
| <p>THERE IS A NON-REFUNDABLE \$155.00 FEE FOR PLANS AND SPECIFICATIONS.</p> <p>EXHIBIT 5</p> <p>WEST VIRGINIA CODE 21-1D-5 PROVIDES THAT: ANY SOLICITATION FOR A PUBLIC IMPROVEMENT CONSTRUCTION CONTRACT REQUIRES EACH VENDOR THAT SUBMITS A BID FOR THE WORK TO SUBMIT AT THE SAME TIME AN AFFIDAVIT OF COMPLIANCE WITH THE BID. THE ENCLOSED DRUG-FREE WORKPLACE AFFIDAVIT MUST BE SIGNED AND SUBMITTED WITH THE BID AS EVIDENCE OF THE VENDOR'S COMPLIANCE WITH THE PROVISIONS OF ARTICLE 1D, CHAPTER 21 OF THE WEST VIRGINIA CODE. FAILURE TO SUBMIT THE SIGNED DRUG-FREE WORKPLACE AFFIDAVIT WITH THE BID SHALL RESULT IN DISQUALIFICATION OF SUCH BID.</p> <p>NOTICE TO PROCEED: THIS CONTRACT IS TO BE PERFORMED WITHIN 180 CALENDAR DAYS AFTER THE NOTICE TO PROCEED IS RECEIVED. UNLESS OTHERWISE SPECIFIED, THE FULLY EXECUTED PURCHASE ORDER WILL BE CONSIDERED NOTICE TO PROCEED.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE MATERIALS OR WORKMANSHIP SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HERE IN.</p> <p>WAGE RATES: THE CONTRACTOR OR SUBCONTRACTOR SHALL PAY THE HIGHER OF THE U.S. DEPARTMENT OF LABOR MINIMUM WAGE RATES AS ESTABLISHED FOR MCDOWELL COUNTY, PURSUANT TO WEST VIRGINIA CODE 21-5A, ET, SEQ. (PREVAILING</p> |          |     |          |             |            |        |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|           |      |                                   |      |
|-----------|------|-----------------------------------|------|
| SIGNATURE |      | TELEPHONE                         | DATE |
| TITLE     | FEIN | ADDRESS CHANGES TO BE NOTED ABOVE |      |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

|            |
|------------|
| RFQ NUMBER |
| DNRB12087  |

|      |
|------|
| PAGE |
| 4    |

|   |
|---|
| ADDRESS CORRESPONDENCE TO ATTENTION OF: |
| FRANK WHITTAKER<br>304-558-2316         |

RFQ COPY  
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

DIVISION OF NATURAL RESOURCES  
 PARKS & RECREATION SECTION

324 4TH AVENUE  
 SOUTH CHARLESTON, WV  
 25303-1228 304-558-3397

|              |               |          |        |               |
|--------------|---------------|----------|--------|---------------|
| DATE PRINTED | TERMS OF SALE | SHIP VIA | F.O.B. | FREIGHT TERMS |
| 12/14/2011   |               |          |        |               |

BID OPENING DATE: 02/01/2012 BID OPENING TIME 01:30PM

| LINE   | QUANTITY | UOP | CAT NO | ITEM NUMBER | UNIT PRICE | AMOUNT |
|--|----------|-----|--------|-------------|------------|--------|
| WAGE RATES APPLY TO THIS PROJECT)<br><br>ARBITRATION: ANY REFERENCES MADE TO ARBITRATION OR INTEREST FOR PAYMENTS DUE (EXCEPT FOR ANY INTEREST REQUIRED BY STATE LAW) CONTAINED IN THIS CONTRACT OR IN ANY AMERICAN INSTITUTE OF ARCHITECTS DOCUMENTS PERTAINING TO THIS CONTRACT ARE HEREBY DELETED.<br><br>WORKERS' COMPENSATION: VENDOR IS REQUIRED TO PROVIDE A CERTIFICATE FROM WORKERS' COMPENSATION IF SUCCESSFUL.<br><br>ALL OF THE ITEMS CHECKED BELOW WILL BE A REQUIREMENT OF THIS CONTRACT:<br><br><input checked="" type="checkbox"/> INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO ISSUANCE OF CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000.<br><br><input type="checkbox"/> BUILDERS RISK INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF BUILDERS RISK - ALL RISK INSURANCE IN AN AMOUNT EQUAL TO 100% OF THE AMOUNT OF THE CONTRACT.<br><br><input checked="" type="checkbox"/> BONDS: FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF THE BID PAYABLE TO THE STATE OF WEST VIRGINIA, SHALL BE SUBMITTED WITH EACH BID AS A BID BOND. THE SUCCESSFUL BIDDER SHALL ALSO FURNISH A PERFORMANCE BOND AND LABOR/MATERIAL BOND FOR 100% OF THE AMOUNT OF THE CONTRACT. BONDS MAY BE PROVIDED IN THE FORM OF A CERTIFIED CHECK IRREVOCABLE LETTER OF CREDIT, OR BOND FURNISHED BY A SOLVENT SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE STATE OF WEST VIRGINIA. A LETTER OF CREDIT SUBMITTED IN LIEU OF A BOND WILL ONLY BE ALLOWED FOR PROJECTS UNDER \$100,000. PERSONAL OR BUSINESS CHECKS ARE NOT ACCEPCTABLE IN LIEU OF THE 5% BID BOND, PERFORMANCE |          |     |        |             |            |        |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|           |           |                                   |
|-----------|-----------|-----------------------------------|
| SIGNATURE | TELEPHONE | DATE                              |
| TITLE     | FEIN      | ADDRESS CHANGES TO BE NOTED ABOVE |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

|            |
|------------|
| RFQ NUMBER |
| DNRB12087  |

|      |
|------|
| PAGE |
| 5    |

|   |
|---|
| ADDRESS CORRESPONDENCE TO ATTENTION OF: |
| FRANK WHITTAKER<br>304-558-2316         |

RFQ COPY  
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

DIVISION OF NATURAL RESOURCES  
 PARKS & RECREATION SECTION

324 4TH AVENUE  
 SOUTH CHARLESTON, WV  
 25303-1228 304-558-3397

|              |               |          |        |               |
|--------------|---------------|----------|--------|---------------|
| DATE PRINTED | TERMS OF SALE | SHIP VIA | F.O.B. | FREIGHT TERMS |
| 12/14/2011   |               |          |        |               |

BID OPENING DATE: 02/01/2012 BID OPENING TIME 01:30PM

| LINE   | QUANTITY | UOP | CAT. NO. | ITEM NUMBER | UNIT PRICE | AMOUNT |
|--|----------|-----|----------|-------------|------------|--------|
|  |          |     |          |             |            |        |
| <p>BOND, OR LABOR AND MATERIAL BOND.</p> <p>( ) MAINTENANCE BOND: A TWO (2) YEAR MAINTENANCE BOND COVERING THE ROOFING SYSTEM WILL BE A REQUIREMENT OF THE SUCCESSFUL VENDOR.</p> <p>REV. 11/00</p> <p>EXHIBIT 7</p> <p>DOMESTIC ALUMINUM, GLASS &amp; STEEL IN PUBLIC WORKS PROJECTS</p> <p>IN ACCORDANCE WITH WEST VIRGINIA CODE 5-19-1 ET., SEQ., EVERY CONTRACT FOR CONSTRUCTION, RECONSTRUCTION, ALTERATION, REPAIR, IMPROVEMENT OR MAINTENANCE OF PUBLIC WORKS, WHERE THE COST IS MORE THAN \$50,000 AND, IN THE CASE OF STEEL ONLY, WHERE THE COST OF STEEL IS MORE THAN \$50,000 OR WHERE MORE THAN 10,000 POUNDS OF STEEL ARE REQUIRED, THE STATE WILL ACCEPT ONLY ALUMINUM GLASS, OR STEEL PRODUCTS PRODUCED IN THE UNITED STATES. IN ADDITION, ITEMS OF MACHINERY OR EQUIPMENT PURCHASED FOR USE AT THE SITE OF PUBLIC WORKS SHALL BE MADE OF DOMESTIC ALUMINUM, GLASS OR STEEL, UNLESS THE COST OF THE PRODUCT IS LESS THAN \$50,000 OR LESS THAN 10,000 POUNDS OF STEEL ARE USED IN PUBLIC WORKS PROJECTS.</p> <p>FOREIGN MADE ALUMINUM, GLASS OR STEEL PRODUCTS MAY BE ACCEPTED ONLY IF THE COST OF DOMESTIC PRODUCTS IS FOUND TO BE UNREASONABLE. SUCH COST IS UNREASONABLE IF IT IS 20% OR MORE HIGHER THAN THE BID PRICE FOR FOREIGN MADE PRODUCTS. IF THE DOMESTIC ALUMINUM, GLASS OR STEEL PRODUCTS TO BE SUPPLIED OR PRODUCED IN A "SUBSTANTIAL LABOR SURPLUS AREA", AS DEFINED BY THE UNITED STATES DEPARTMENT OF LABOR, FOREIGN PRODUCTS MAY BE SUPPLIED</p> |          |     |          |             |            |        |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|           |           |                                   |
|-----------|-----------|-----------------------------------|
| SIGNATURE | TELEPHONE | DATE                              |
| TITLE     | FEIN      | ADDRESS CHANGES TO BE NOTED ABOVE |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

|            |
|------------|
| RFQ NUMBER |
| DNRB12087  |

|      |
|------|
| PAGE |
| 6    |

|   |
|---|
| ADDRESS CORRESPONDENCE TO ATTENTION OF: |
| FRANK WHITTAKER<br>304-558-2316         |

RFQ COPY  
 TYPE NAME/ADDRESS HERE

VENDOR

DIVISION OF NATURAL RESOURCES  
 PARKS & RECREATION SECTION

324 4TH AVENUE  
 SOUTH CHARLESTON, WV  
 25303-1228 304-558-3397

SHIP TO

|              |               |          |        |               |
|--------------|---------------|----------|--------|---------------|
| DATE PRINTED | TERMS OF SALE | SHIP VIA | F.O.B. | FREIGHT TERMS |
| 12/14/2011   |               |          |        |               |

BID OPENING DATE: 02/01/2012 BID OPENING TIME 01:30PM

| LINE  | QUANTITY | UOP | CAT. NO. | ITEM NUMBER | UNIT PRICE | AMOUNT |
|---|----------|-----|----------|-------------|------------|--------|
| <p>ONLY IF DOMESTIC PRODUCTS ARE 30% OR MORE HIGHER IN PRICE THAN THE FOREIGN MADE PRODUCTS.</p> <p>IF, PRIOR TO THE AWARD OF A CONTRACT UNDER THE ABOVE PROVISIONS, THE SPENDING OFFICER OF THE SPENDING UNIT DETERMINES THAT THERE EXISTS A BID FOR LIKE FOREIGN ALUMINUM, GLASS OR STEEL THAT IS REASONABLE AND LOWER THAN THE LOWEST BID DOMESTIC PRODUCTS, THE SPENDING OFFICE MAY REQUEST, IN WRITING, A REEVALUATION AND REDUCTION IN THE LOWEST BID FOR SUCH DOMESTIC PRODUCTS. ALL VENDORS MUST INDICATE IN THEIR BID IF THEY ARE SUPPLYING FOREIGN ALUMINUM, GLASS OR STEEL.</p> <p>REV. 3/88</p> <p>EXHIBIT 9</p> <p>NOTICE FOR ISSUANCE &amp; ACKNOWLEDGEMENT OF CONSTRUCTION PROJECT ADDENDA</p> <p>THE ARCHITECT/ENGINEER AND/OR AGENCY SHALL BE REQUIRED TO ABIDE BY THE FOLLOWING SCHEDULE IN ISSUING CONSTRUCTION PROJECT ADDENDA FOR STATE AGENCIES:</p> <p>(1) THE ARCHITECT/ENGINEER SHALL PREPARE THE ADDENDUM AND A LIST OF ALL PARTIES THAT HAVE PROCURED DRAWINGS AND SPECIFICATIONS FOR THE PROJECT. THE ADDENDUM AND LIST SHALL BE FORWARDED TO THE BUYER IN THE STATE PURCHASING DIVISION. THE ARCHITECT/ENGINEER SHALL ALSO SEND A COPY OF THE ADDENDUM TO THE STATE AGENCY FOR WHICH THE CONTRACT IS ISSUED.</p> <p>(2) THE BUYER SHALL SEND THE ADDENDUM TO ALL INTERESTED PARTIES AND, IF NECESSARY, EXTEND THE BID OPENING DATE. ANY ADDENDUM SHOULD BE RECEIVED BY THE</p> |          |     |          |             |            |        |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|           |           |                                   |
|-----------|-----------|-----------------------------------|
| SIGNATURE | TELEPHONE | DATE                              |
| TITLE     | FEIN      | ADDRESS CHANGES TO BE NOTED ABOVE |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

|            |
|------------|
| RFQ NUMBER |
| DNRB12087  |

|      |
|------|
| PAGE |
| 7    |

|   |
|---|
| ADDRESS CORRESPONDENCE TO ATTENTION OF: |
| FRANK WHITTAKER<br>304-558-2316         |

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

Danhill Construction Company  
 PO Box 685  
 Gauley Bridge, WV 25085

SHIP TO

DIVISION OF NATURAL RESOURCES  
 PARKS & RECREATION SECTION

324 4TH AVENUE  
 SOUTH CHARLESTON, WV  
 25303-1228 304-558-3397

|              |               |          |        |               |
|--------------|---------------|----------|--------|---------------|
| DATE PRINTED | TERMS OF SALE | SHIP VIA | F.O.B. | FREIGHT TERMS |
| 12/14/2011   |               |          |        |               |

BID OPENING DATE: 02/01/2012 BID OPENING TIME 01:30PM

| LINE  | QUANTITY | UOP | CAT. NO. | ITEM NUMBER | UNIT PRICE | AMOUNT |
|---|----------|-----|----------|-------------|------------|--------|
| <p>BUYER WITHIN FOURTEEN (14) DAYS PRIOR TO THE BID OPENING DATE.</p> <p>(3) ALL ADDENDA SHOULD BE FORMALLY ACKNOWLEDGED BY ALL BIDDERS AND SUBMITTED TO THE STATE PURCHASING DIVISION. THE SAME RULES AND REGULATIONS THAT APPLY TO THE ORIGINAL BIDDING DOCUMENT SHALL ALSO APPLY TO AN ADDENDUM DOCUMENT. THE ONLY EXCEPTION MAY BE FOR AN ADDENDUM THAT IS ISSUED FOR THE SOLE PURPOSE OF CHANGING A BID OPENING TIME AND/OR DATE.</p> <p>REV. 11/96</p> <p>EXHIBIT 10</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NOS. :</p> <p>NO. 1 ..... 01-23-2012</p> <p>NO. 2 .....</p> <p>NO. 3 .....</p> <p>NO. 4 .....</p> <p>NO. 5 .....</p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF TH</p> |          |     |          |             |            |        |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|                       |                |                                   |
|-----------------------|----------------|-----------------------------------|
| SIGNATURE             | TELEPHONE      | DATE                              |
| <i>Robert D. Hill</i> | 1-304-632-1600 | 02-15-2012                        |
| TITLE                 | FEIN           | ADDRESS CHANGES TO BE NOTED ABOVE |
| RESIDENT              | 55-0648251     |                                   |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'





State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**DNRB12087**

PAGE  
**8**

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
**FRANK WHITTAKER**  
**304-558-2316**

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

Danhill Construction Company  
 PO Box 685  
 Gauley Bridge, WV 25085

SHIP TO

DIVISION OF NATURAL RESOURCES  
 PARKS & RECREATION SECTION  
 324 4TH AVENUE  
 SOUTH CHARLESTON, WV  
 25303-1228 304-558-3397

| DATE PRINTED | TERMS OF SALE | SHIP VIA | F.O.B. | FREIGHT TERMS |
|--------------|---------------|----------|--------|---------------|
| 12/14/2011   |               |          |        |               |

BID OPENING DATE: **02/01/2012** BID OPENING TIME **01:30PM**

| LINE  | QUANTITY | UOP | CAT. NO. | ITEM NUMBER | UNIT PRICE | AMOUNT |
|---|----------|-----|----------|-------------|------------|--------|
| <p>ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF THE BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p>.....<i>Robert D. Hill</i>.....SIGNATURE</p> <p>.....<b>DANHILL CONSTRUCTION</b>.....COMPANY</p> <p>.....<b>02-15-2012</b>.....DATE</p> <p>REV. 11/96</p> <p>CONTRACTORS LICENSE</p> <p>WEST VIRGINIA STATE CODE 21-11-2 REQUIRES THAT ALL PERSONS DESIRING TO PERFORM CONTRACTING WORK IN THIS STATE MUST BE LICENSED. THE WEST VIRGINIA CONTRACTORS LICENSING BOARD IS EMPOWERED TO ISSUE THE CONTRACTORS LICENSE. APPLICATIONS FOR A CONTRACTORS LICENSE MAY BE MADE BY CONTACTING THE WEST VIRGINIA DIVISION OF LABOR CAPITOL COMPLEX, BUILDING 3, ROOM 319, CHARLESTON, WV 25305. TELEPHONE: (304) 558-7890.</p> <p>WEST VIRGINIA STATE CODE 21-11-11 REQUIRES ANY PROSPECTIVE BIDDER TO INCLUDE THE CONTRACTORS LICENSE NUMBER ON THEIR BID.</p> <p>BIDDER TO COMPLETE:</p> |          |     |          |             |            |        |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|                                    |                                    |                                   |
|------------------------------------|------------------------------------|-----------------------------------|
| SIGNATURE<br><i>Robert D. Hill</i> | TELEPHONE<br><b>1-304-632-1600</b> | DATE<br><b>02-15-2012</b>         |
| TITLE<br><b>RESIDENT</b>           | FEIN<br><b>53-0648251</b>          | ADDRESS CHANGES TO BE NOTED ABOVE |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**DNRB12087**

PAGE  
**9**

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
**FRANK WHITTAKER**  
**304-558-2316**

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

Danhill Construction Company  
 PO Box 685  
 Gauley Bridge, WV 25085

SHIP TO

DIVISION OF NATURAL RESOURCES  
 PARKS & RECREATION SECTION  
 324 4TH AVENUE  
 SOUTH CHARLESTON, WV  
 25303-1228 304-558-3397

|                                   |               |          |        |               |
|-----------------------------------|---------------|----------|--------|---------------|
| DATE PRINTED<br><b>12/14/2011</b> | TERMS OF SALE | SHIP VIA | F.O.B. | FREIGHT TERMS |
|-----------------------------------|---------------|----------|--------|---------------|

BID OPENING DATE: **02/01/2012** BID OPENING TIME **01:30PM**

| LINE  | QUANTITY | UOP | CAT NO. | ITEM NUMBER | UNIT PRICE | AMOUNT |
|---|----------|-----|---------|-------------|------------|--------|
| <p>CONTRACTORS NAME: ..... <b>DANHILL CONSTRUCTION</b> .....</p> <p>CONTRACTORS LICENSE NO.: ..... <b>WV 170096 001196</b> .....</p> <p>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FURNISH A COPY OF THEIR CONTRACTORS LICENSE PRIOR TO ISSUANCE OF A PURCHASE ORDER/CONTRACT</p> <p>APPLICABLE LAW</p> <p>THE WEST VIRGINIA STATE CODE, PURCHASING DIVISION RULES AND REGULATIONS, AND THE INFORMATION PROVIDED IN THE "REQUEST FOR QUOTATION" ISSUED BY THE PURCHASING DIVISION IS THE SOLE AUTHORITY GOVERNING THIS PROCUREMENT.</p> <p>ANY INFORMATION PROVIDED IN SPECIFICATION MANUALS, OR ANY OTHER SOURCE, VERBAL OR WRITTEN, WHICH CONTRADICTS OR ALTERS THE INFORMATION PROVIDED FROM THE SOURCES AS DESCRIBED IN THE ABOVE PARAGRAPH IS VOID AND OF NO EFFECT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p>REV. 5/2009</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION<br/>         PURCHASING DIVISION</p> |          |     |         |             |            |        |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|                                    |                                  |                                   |
|------------------------------------|----------------------------------|-----------------------------------|
| SIGNATURE<br><i>Robert D. Hill</i> | TELEPHONE<br><b>304-632-1600</b> | DATE<br><b>02-15-2012</b>         |
| TITLE<br><b>PRESIDENT</b>          | FEIN<br><b>55-0648251</b>        | ADDRESS CHANGES TO BE NOTED ABOVE |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

|            |
|------------|
| RFQ NUMBER |
| DNRB12087  |

|      |
|------|
| PAGE |
| 10   |

|   |
|---|
| ADDRESS CORRESPONDENCE TO ATTENTION OF: |
| FRANK WHITTAKER<br>304-558-2316         |

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

Danhill Construction Company  
 PO Box 685  
 Gauley Bridge, WV 25085

SHIP TO

DIVISION OF NATURAL RESOURCES  
 PARKS & RECREATION SECTION

324 4TH AVENUE  
 SOUTH CHARLESTON, WV  
 25303-1228 304-558-3397

|              |               |          |        |               |
|--------------|---------------|----------|--------|---------------|
| DATE PRINTED | TERMS OF SALE | SHIP VIA | F.O.B. | FREIGHT TERMS |
| 12/14/2011   |               |          |        |               |

BID OPENING DATE: **02/01/2012** BID OPENING TIME **01:30PM**

| LINE | QUANTITY   | UOP | CAT NO. | ITEM NUMBER | UNIT PRICE | AMOUNT |
|------|--|-----|---------|-------------|------------|--------|
|      |  |     |         |             |            |        |
|      | BUILDING 15<br>2019 WASHINGTON STREET, EAST<br>CHARLESTON, WV 25305-0130                                 |     |         |             |            |        |
|      | THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF<br>THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED: |     |         |             |            |        |
|      | SEALED BID   |     |         |             |            |        |
|      | BUYER: 44  |     |         |             |            |        |
|      | REQ. NO.: DNRB12087  |     |         |             |            |        |
|      | BID OPENING DATE: 02/01/2012   |     |         |             |            |        |
|      | BID OPENING TIME: 1:30 PM  |     |         |             |            |        |
|      | PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY<br>TO CONTACT YOU REGARDING YOUR BID:                |     |         |             |            |        |
|      | ----- 1-304-632-1501 -----   |     |         |             |            |        |
|      | PLEASE PRINT OR TYPE NAME OF PERSON TO CONTACT<br>CONCERNING THIS QUOTE:                                 |     |         |             |            |        |
|      | ----- DAN HILL -----   |     |         |             |            |        |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|                       |                |                                   |
|-----------------------|----------------|-----------------------------------|
| SIGNATURE             | TELEPHONE      | DATE                              |
| <i>Robert D. Hill</i> | 1-304-632-1600 | 02-15-2012                        |
| TITLE                 | FEIN           | ADDRESS CHANGES TO BE NOTED ABOVE |
| RESIDENT              | 55-0648251     |                                   |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

|            |
|------------|
| RFQ NUMBER |
| DNRB12087  |

|      |
|------|
| PAGE |
| 11   |

|   |
|---|
| ADDRESS CORRESPONDENCE TO ATTENTION OF: |
| FRANK WHITTAKER<br>304-558-2316         |

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

Danhill Construction Company  
 PO Box 685  
 Gauley Bridge, WV 25085

SHIP TO

DIVISION OF NATURAL RESOURCES  
 PARKS & RECREATION SECTION

324 4TH AVENUE  
 SOUTH CHARLESTON, WV  
 25303-1228 304-558-3397

| DATE PRINTED | TERMS OF SALE | SHIP VIA | F.O.B. | FREIGHT TERMS |
|--------------|---------------|----------|--------|---------------|
| 12/14/2011   |               |          |        |               |

BID OPENING DATE: 02/01/2012 BID OPENING TIME 01:30PM

| LINE  | QUANTITY | UOP | CAT. NO. | ITEM NUMBER | UNIT PRICE | AMOUNT                    |
|---|----------|-----|----------|-------------|------------|---------------------------|
| ***** THIS IS THE END OF RFQ DNRB12087 ***** TOTAL: |          |     |          |             |            | \$1,775,789 <sup>00</sup> |

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

|                                    |                             |                                   |
|------------------------------------|-----------------------------|-----------------------------------|
| SIGNATURE<br><i>Robert D. Hill</i> | TELEPHONE<br>1-304-632-1600 | DATE<br>02-15-2012                |
| TITLE<br>PRESIDENT                 | FEIN<br>55-0648251          | ADDRESS CHANGES TO BE NOTED ABOVE |

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

FORM OF PROPOSAL

Berwind Wildlife Management Area  
Berwind Dam Modification  
McDowell County, West Virginia

Name of Bidder:

Danhill Construction Company

Address of Bidder:

PO Box 685  
Gauley Bridge, WV 25085

Phone Number of Bidder:

1-304-632-1600

WV Contractors License No.

WV 001196

We, the undersigned, having examined the site and being familiar with the local conditions affecting the cost of the work and also being familiar with the general conditions to bidders, drawings, and specifications, hereby proposes to furnish all materials, equipment, and labor to complete all work in a workmanlike manner, as described in the Bidding documents.

The Bidder is to summarize his bid prices below in both numbers and words for the Bid shown on the enclosed Bid Form. The Bidder will also complete the enclosed Bid Form in its entirety. The Bid Form includes both unit price and lump sum items.

BID FORM SUMMARY

**Bid:** Bid prices provided on the Bid Form include all labor, materials, and equipment as stipulated in the Bidding Documents.

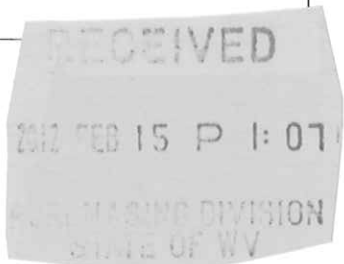
Written in numbers.

\$1,775,729<sup>00</sup>

**Bid:** Bid prices provided on the Bid Form include all labor, materials, and equipment as stipulated in the Bidding Documents.

Written in words.

ONE MILLION SEVEN HUNDRED SEVENTY FIVE THOUSAND SEVEN HUNDRED TWENTY NINE DOLLARS &  $\frac{00}{100}$



**FORM OF PROPOSAL**

**Berwind Wildlife Management Area  
Berwind Dam Modification  
McDowell County, West Virginia**

Page 2 of 4

| <b>BID FORM</b>        |   |                 |      |                 |                         |
|------------------------|---|-----------------|------|-----------------|-------------------------|
| ITEM                   | DESCRIPTION                               | BID PRICES (\$) |      |                 |                         |
|                        |   | QUANTITY        | UNIT | UNIT PRICE (\$) | BID PRICE (\$)          |
| 1.05                   | Surveying<br>(Max. 5% Contract Value)     | 1.0             | LS   | 40704           | 40704                   |
| 1.17                   | Quality Control<br>(Max. 5% of Contract)  | 1.0             | LS   | 45492           | 45492                   |
| 2.01                   | Mob/Demob<br>(Max. 10% of Contract Value) | 1.0             | LS   | 57555           | 57555                   |
| 2.04.1                 | Unclassified Excavation                   | 5680.0          | CY   | 31.00           | 176080                  |
| 2.04.2                 | Hard Rock Excavation                      | 5.0             | CY   | 2852            | 14260                   |
| 2.05                   | Demolition                                | 1.0             | LS   | 4144            | 4144                    |
| 2.06                   | Reinforced Concrete                       | 13.0            | CY   | 2659            | 34567                   |
| 2.08.1                 | Random Fill                               | 1400.0          | CY   | 10.58           | 14812                   |
| 2.08.2                 | Soil Fill                                 | 2100.0          | CY   | 9.24            | 19404                   |
| 2.09                   | Coarse Filter                             | 595.0           | CY   | 109.22          | 64987                   |
| 2.10.1                 | Rip Rap                                   | 510.0           | CY   | 104.69          | 53392                   |
| 2.10.2                 | Grouted Rip Rap                           | 1335.0          | CY   | 168.75          | 225281                  |
| 2.11                   | Erosion & Sediment Control                | 1.0             | LS   | 8347            | 8347                    |
| 2.12                   | Seeding, Fertilizing, &<br>Mulching       | 1.0             | LS   | 5985            | 5985                    |
| 2.13                   | RCC                                       | 2530.0          | CY   | 936986          | 936986                  |
| 2.14.1                 | Slip Lining                               | 133.0           | LF   | 285.27          | 37941                   |
| 2.14.2                 | Drain Pipe Extension                      | 43.0            | LF   | 211.44          | 9092                    |
| 2.14.3                 | Principal Spillway Outlet<br>Structure    | 1.0             | LS   | 3530            | 3530                    |
| 2.15                   | Dewatering & Water Control                | 1.0             | LS   | 18170           | 18170                   |
| 2.16                   | Crushed Stone Aggregate                   | 35.0            | CY   | 5000            | 5000                    |
| <b>TOTAL BID PRICE</b> |   |                 |      | \$              | 1,775,729 <sup>00</sup> |

FORM OF PROPOSAL

Berwind Wildlife Management Area  
Berwind Dam Modification  
McDowell County, West Virginia

Page 3 of 4

The bidder understands that to the extent allowed by the West Virginia Code, the Owner reserves the right to waive any informality or irregularity in any Bid, or Bids, and to reject any or all Bids in whole or in part; to reject a bid not accompanied by the required bid security or by other data required by the Bidding Documents; to reject any condition of the bid by the Bidder that is in any way inconsistent with the requirements, terms and conditions of the Bidding Documents; or to reject a bid that is in any way incomplete or irregular.

The Bidder, if successful and awarded the contract, agrees that all work is to be complete within 180 consecutive calendar days following receipt of the Owner's written Notice to Proceed. For each calendar day of delay in achieving completion, the Contractor shall be liable for, and shall pay the Owner liquidated damages in the amount of \$500 per day.

Any work performed or any materials contracted for prior to the receipt of the Owner's written Notice to Proceed, shall be at the Bidder's risk.

PROGRESS PAYMENTS - The CONTRACTOR will make current estimates in writing once each month on AIA Forms G702 and G703 on or before the date set by the OWNER at the time of starting the WORK. The progress payments shall be a true estimate of the materials complete in place and the amount of WORK performed in accordance with the CONTRACT during the preceding month and the value thereof figured at the CONTRACT unit prices or based on the approved schedule of value. Should there be any doubt of the OWNER as to the integrity of any part of the COMPLETED work, the estimates for that portion will not be allowed modified by the CONTRACTOR accordingly. CONTRACTOR shall submit evidence to document the extent of progress payments as required by the OWNER.

Progress payments will not be made when the total value of the WORK done since the last estimate amounts to less than Five Hundred Dollars (\$500.00). From the total of the amounts ascertained as payable, an amount equivalent to and in accordance with Article 9 of A201-2007 Supplementary Conditions of the State of West Virginia will be deducted and retained by the OWNER until completion of the entire CONTRACT in an acceptable manner. The balance, less all previous payments, will be certified for payment by the OWNER.

When the WORK under contract has been completed and its acceptance is recommended by the OWNER, the retainage shall be released and paid to the CONTRACTOR.

FORM OF PROPOSAL

Berwind Wildlife Management Area  
Berwind Dam Modification  
McDowell County, West Virginia

Page 4 of 4

ADDENDUM ACKNOWLEDGEMENT

I hereby acknowledge receipt of the following checked addendum and have made the necessary revisions to my bid or proposal.

| Addendum No. | Date     |
|--------------|----------|
| ONE          | 01-23-12 |
|              |          |
|              |          |
|              |          |
|              |          |

I understand that failure to confirm the receipt of the Addendum is cause for rejection of my bid or proposal.

Respectfully submitted:

Date:

02-15-2012

WV Vendor  
Registration Number:

WV 001196

By: (signature in ink)

Robert D. Hill

Title:

PRESIDENT

Firm Name:

Firm Address:

Danhill Construction Company  
PO Box 685  
Gauley Bridge, WV 25085



**BID BOND**

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned, Danhill Construction Company  
of Gauley Bridge, West Virginia, as Principal, and Colonial Surety Co. of  
Montvale, New Jersey, a corporation organized and existing under the laws of the State of NJ with its  
principal office in the City of Montvale, as Surety, are held and firmly bound unto the State of West Virginia, as Obligee, in the  
penal sum of 5 % Of Bid Amount (\$ 5% ) for the payment of which, well and truly to be made, we jointly and  
severally bind ourselves, our heirs, administrators, executors, successors and assigns.

The Condition of the above obligation is such that whereas the Principal has submitted to the Purchasing Section of the  
Department of Administration a certain bid or proposal, attached hereto and made a part hereof, to enter into a contract in writing for  
Dam Modifications at Berwind Lake Wildlife Management Area, McDowell County, WV

NOW THEREFORE,

- (a) If said bid shall be rejected, or
- (b) If said bid shall be accepted and the Principal shall enter into a contract in accordance with the bid or proposal attached hereto and shall furnish any other bonds and insurance required by the bid or proposal, and shall in all other respects perform the agreement created by the acceptance of said bid, then this obligation shall be null and void, otherwise this obligation shall remain in full force and effect. It is expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for the value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the Obligee may accept such bid, and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, Principal and Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be affixed hereunto and these presents to be signed by their proper officers, this  
15<sup>th</sup> day of February, 2012.

Principal Corporate Seal

Danhill Construction Company  
(Name of Principal)  
By Robert D. Hill *Robert D. Hill*  
(Must be President or Vice President)  
President  
(Title)

Surety Corporate Seal

Colonial Surety company  
(Name of Surety)  
Roberta Bird *Roberta Bird*  
Attorney-in-Fact

**IMPORTANT – Surety executing bonds must be licensed in West Virginia to transact surety insurance. Raised corporate seals must be affixed, a power of attorney must be attached.**

# COLONIAL SURETY COMPANY

Duncannon, Pennsylvania

Administrative Office: 50 Chestnut Ridge Road, Montvale, New Jersey 07645

## GENERAL POWER OF ATTORNEY

Know all Men by These Presents, That COLONIAL SURETY COMPANY, a corporation duly organized and existing under the laws of the Commonwealth of Pennsylvania and having an administrative office in Montvale, Bergen County, NJ does by these presents make, constitute and appoint Roberta Bird Gauley Bridge

WV Wayne Nunziata or Anthony J. Cimasko or Audie B. Murphy of Montvale and the State of New Jersey its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver.

Any and All Bonds

and to bind the Company thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolution adopted by the Board of Directors of the Colonial Surety Company at a meeting held on the 25th day of July, 1950.

"Be it Resolved, that the President, any Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

"Section 1. Attorney-in-Fact. Attorney-in-Fact may be given full power and authority for and in the name of and on behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements of indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and attested by the Corporate Secretary."

"In Witness Whereof, Colonial Surety Company has caused these presents to be signed by its President and its corporate seal to be hereto affixed the 27th day of April, A.D., 2011.

State of New Jersey }  
County of Bergen } SS.:



COLONIAL SURETY COMPANY

By Wayne Nunziata  
Wayne Nunziata, President

On this 27th day of April, in the year 2011, before me  
Theresa Spinelli, a notary public, personally appeared  
Wayne Nunziata, personally known to me to be the person who  
executed the within instrument as President, on behalf of the corporation therein named and  
acknowledged to me that the corporation executed it.



THERESA SPINELLI  
A Notary Public of New Jersey  
My Commission Expires September 9, 2015

Theresa Spinelli  
Theresa Spinelli Notary Public

I, the undersigned Secretary of Colonial Surety Company, hereby certify that the above and foregoing is a full, true and correct copy of the Original Power of Attorney issued by said Company, and do hereby further certify that the said Power of Attorney is still in force and effect.

And I do hereby further certify that the Certification of this Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolution adopted by the Board of Directors of the Colonial Surety Company at a meeting duly called and held on the 30th of January 1968, and that said resolution has not been amended or repealed:

RESOLVED, that the signature of the Secretary or any Assistant Secretary of this Corporation, and the seal of Corporation, may be affixed or printed by facsimile to any certificate to a Power of Attorney of this Corporation, and that such printed facsimile signature and seal shall be valid and binding upon this Corporation."

GIVEN under my hand and the seal of said Company, at Montvale, New Jersey this 15th day of February, 20 12.

Original printed with Blue and Black ink.  
For verification of the authenticity of this Power of Attorney you may call (201) 573-8788 and ask for the Power of Attorney clerk. Please refer to the above named individual(s) and details of the bond to which the power is attached.

Audie B. Murphy  
Audie B. Murphy, Secretary

State of West Virginia  
County of Fayette

AND NOW, this 15th day of February, in the calendar year of 2012, before me, a duly appointed and commissioned notary public, came the identified subscriber to the within instrument or instruments, and/or the demonstrated attorney-in-fact for said signatory and subscriber on said instrument or instruments, **Roberta Bird, attorney-in-fact of Colonial Surety Company**, an insurance company duly organized and existing under the laws of the Commonwealth of Pennsylvania and which is authorized to conduct business in this State, and that as such being authorized to do so, acknowledged that the within instrument or instruments were executed as the authorized act of his disclosed principal for the purposes therein contained, and declared to be a person executing said instrument or instruments as attorney-in-fact and with full capacity and competency, at the request of and on behalf of Colonial Surety Company therein named and acknowledged to me that the aforesaid Colonial Surety Company had authorized the execution by the aforesaid attorney-in-fact of said instrument or instruments with the intent to be legally bound as required by common and statutory law.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

A Notary Public of West Virginia  
My Commission Expires on 8/28/2015

Notary Public in and for the

County of Fayette  
State of West Virginia



Jessica Van Meter  
NOTARY PUBLIC

# CONTRACTOR LICENSE

Authorized by the

## West Virginia Contractor Licensing Board

**Number:** WV001196

**Classification:**

ELECTRICAL  
GENERAL BUILDING  
HEATING, VENTILATING & COOLING  
MULTIFAMILY  
PIPING  
PLUMBING  
RESIDENTIAL

DANHILL CONSTRUCTION COMPANY  
DBA DANHILL CONSTRUCTION COMPANY  
PO BOX 685  
GAULEY BRIDGE, WV 25085-0685

**Date Issued**

AUGUST 06, 2011

**Expiration Date**

AUGUST 06, 2012



Authorized Company Signature



Chair, West Virginia Contractor  
Licensing Board



WEST VIRGINIA  
CONTRACTOR  
LICENSING  
BOARD

This license, or a copy thereof, must be posted in a conspicuous place at every construction site where work is being performed. This license number must appear in all advertisements, on all bid submissions and on all fully executed and binding contracts. This license cannot be assigned or transferred by licensee. Issued under provisions of West Virginia Code, Chapter 21, Article 11.



State of West Virginia  
DRUG FREE WORKPLACE CONFORMANCE AFFIDAVIT  
West Virginia Code §21-1D-5

STATE OF West Virginia

COUNTY OF Fayette, TO-WIT:

I, Robert D. Hill, after being first duly sworn, depose and state as follows:

1. I am an employee of Danhill Construction Company and,  
(Company Name)

2. I do hereby attest that Danhill Construction Company  
(Company Name)

maintains a valid written drug free workplace policy and that such policy is in compliance with **West Virginia Code §21-1D-5**.

The above statements are sworn to under the penalty of perjury.

Danhill Construction Company  
(Company Name)

By: Robert D. Hill

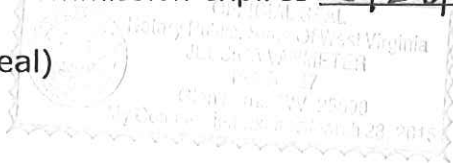
Title: President

Date: 2/15/2012

Taken, subscribed and sworn to before me this 15 day of Feb, 2012.

By Commission expires 3/28/2015

(Seal)



Jessica VanMetre  
(Notary Public)

**THIS AFFIDAVIT MUST BE SUBMITTED WITH THE BID IN ORDER TO COMPLY WITH WV CODE PROVISIONS. FAILURE TO INCLUDE THE AFFIDAVIT WITH THE BID SHALL RESULT IN DISQUALIFICATION OF THE BID.**

RFQ No. DNRB12087STATE OF WEST VIRGINIA  
Purchasing Division**PURCHASING AFFIDAVIT**

**West Virginia Code §5A-3-10a states:** No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, Limited Liability Company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

**EXCEPTION:** The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

**WITNESS THE FOLLOWING SIGNATURE**Vendor's Name: Danhill Construction CompanyAuthorized Signature: Robert D. Hill Date: 2/15/2012State of West VirginiaCounty of Fayette, to-wit:Taken, subscribed, and sworn to before me this 15 day of Feb, 2012My Commission expires March 28, 2015.

AFFIX SEAL HERE

NOTARY PUBLIC

Jessica VanMeter

# Statement of Qualifications to Provide

Geotechnical, Environmental,  
Construction Materials, and Facilities  
Services



18001 W. 106<sup>th</sup> St, Suite 300  
Olathe, KS 66061

(913) 599 6886  
terracon.com

# Terracon

Geotechnical ■ Environmental ■ Construction Materials ■ Facilities

## Company Profile

### Known in the Marketplace as

*Responsive*

*Resourceful*

*Reliable*

### Our Vision

*We continue to view our company as a vital and growing consulting firm of engineers and scientists, providing multiple related service lines to clients at local, regional, and national levels.*

*All of our services are delivered on a timely basis with consistently high value and attention to client needs.*

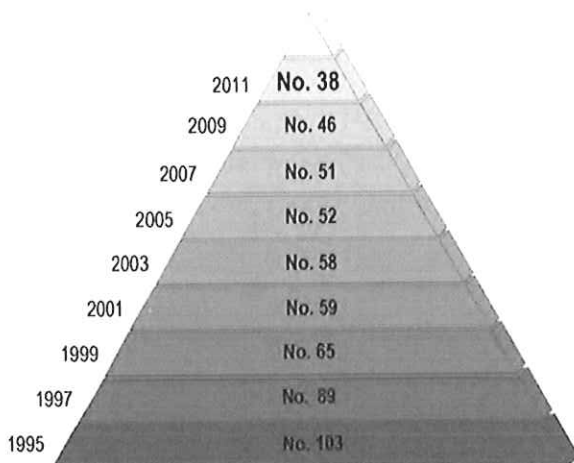
Terracon is a dynamic and growing consulting firm providing multiple related service lines to clients at local, regional, and national levels. Our services are delivered on a timely basis with consistently high value and attention to client needs. Services include:

- Geotechnical
- Environmental
- Construction Materials
- Facilities

Since 1965, our employee-owned firm has provided tailored services to meet our clients' objectives. We help our clients succeed in their business ventures by effectively executing projects, controlling costs, and managing risk. Our clients appreciate this approach, and they know that we intend to be with them for the long term.

Terracon provides services on thousands of projects each year. Our culture, systems, and structure enable us to excel at both small and large projects. By combining our national resources with specific local area expertise, we consistently overcome obstacles and deliver the results our clients expect.

Whether you do business down the street or across the country, we offer a variety of related services through a nationwide network of offices to meet your single- or multi-site needs. Our responsiveness, high quality deliverables, practical solutions, and competitive fees afford clients with an easier way of doing business that saves time and money.



**ENR Top 500 Design Firms**  
Source: *Engineering News-Record*

### Corporate Headquarters

18001 W. 106<sup>th</sup> St.  
Suite 300  
Olathe, Kansas 66061  
Phone: (913) 599 6886  
Fax: (913) 599 0574  
[terracon.com](http://terracon.com)

# Terracon







## Office Locations

### Alabama

Birmingham  
Huntsville  
Mobile  
Oxford

### Arizona

Phoenix  
Tucson

### Arkansas

Little Rock

### California

Orange County  
Sacramento

### Colorado

Colorado Springs  
Denver  
Fort Collins  
Grand Junction  
Greeley  
Longmont  
Pueblo

### Connecticut

Hartford

### Florida

Ft. Lauderdale  
Jacksonville  
Lakeland  
Miami  
Pensacola  
Tampa  
West Palm Beach  
Winter Park

### Georgia

Atlanta  
Savannah  
Woodstock

### Idaho

Boise

### Illinois

Bloomington  
Chicago  
Naperville  
Rockford

### Indiana

Lawrenceburg

### Iowa

Ames  
Bettendorf  
Cedar Falls  
Cedar Rapids  
Des Moines  
Iowa City  
Sioux City

### Kansas

Garden City  
Kansas City  
Manhattan  
Topeka  
Wichita

### Kentucky

Lexington  
Louisville

### Louisiana

Baton Rouge  
New Orleans  
Shreveport

### Maine

Portland

### Massachusetts

Plainville

### Minnesota

Minneapolis/St. Paul

### Mississippi

Gulfport  
Jackson

### Missouri

Columbia  
Joplin  
Kansas City  
Springfield  
St. Louis

### Montana

Billings  
Bozeman  
Great Falls  
Kalispell

### Nebraska

Lincoln  
Omaha

### Nevada

Las Vegas  
Reno

### New Hampshire

Manchester

### New Mexico

Alamogordo  
Albuquerque  
Farmington  
Gallup  
Las Cruces

### North Carolina

Charlotte  
Greenville  
Raleigh

### North Dakota

Bismarck  
Fargo  
Grand Forks  
Jamestown

### Ohio

Cincinnati  
Cleveland  
Columbus

### Oklahoma

Oklahoma City  
Tulsa

### Oregon

Portland

### South Carolina

Charleston  
Columbia  
Greenville/  
Spartanburg  
Myrtle Beach

### South Dakota

Rapid City

### Tennessee

Chattanooga  
Memphis  
Nashville

### Texas

Austin  
Bryan/  
College Station  
Conroe  
Dallas  
El Paso  
Fort Worth  
Houston  
Laredo  
League City  
Lufkin  
Midland  
Pharr  
Round Rock  
San Antonio

### Utah

Salt Lake City

### Washington

Seattle  
Tacoma

### West Virginia

Charleston

### Wisconsin

Milwaukee

### Wyoming

Cheyenne  
Rock Springs



# Services

## Geotechnical

Design and construction of functional, cost-effective structures require a thorough understanding of local soil, rock and groundwater conditions. Terracon provides a wide range of services to support all phases of a project, from preliminary design through completion of the construction process.

- Subsurface exploration and geophysical investigations
- Foundation analysis and design
- In-situ testing and performance monitoring
- Earth structures, slopes, and retention systems
- Dynamic analysis and evaluation
- Soil stabilization and ground improvement
- Groundwater control/dewatering
- Pavement design and subgrade evaluation
- Seismic design and assessments

## Construction Materials

Proper selection, quality, workmanship, and performance of construction materials play a vital role in ensuring that today's buildings and infrastructure perform adequately over long time periods. We work with clients to minimize material replacements, reduce the likelihood of deterioration, avoid potential failures, and investigate and evaluate construction materials related problems and failures when they do occur.

- On-site observation and monitoring
- Building code related special inspections
- Construction quality control and quality assurance programs
- Field and laboratory testing and analysis
- Design and review of concrete, grout, and asphalt concrete mixes
- Structural steel nondestructive testing
- Consulting for construction material selection, compatibility, acceptability, and performance
- Condition assessment, investigation, and evaluation of in-place construction materials
- Pavement materials engineering
- Resident site representative services

## Environmental

Negotiating the complexities of environmental issues can be challenging and time consuming. Terracon relies upon demonstrated experience and knowledge of local conditions and regulations to deliver solutions that are timely, practical and make good business sense.

- Site assessments and investigations
- Remediation design and implementation
- Brownfield/site redevelopment
- Natural resources/wetlands delineation/mitigation
- Industrial hygiene, health, and safety
- Asbestos/lead/mold/indoor air quality
- Regulatory compliance
- Environmental management systems
- Solid waste planning and design

## Facilities

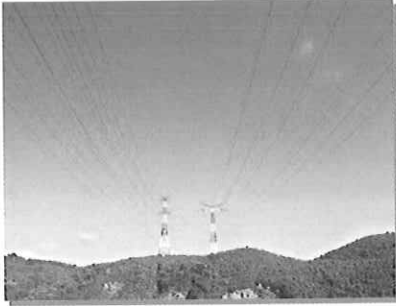
We develop solutions and strategies to assist in the acquisition, construction and management of facilities.

- Property condition assessments
- Facility asset management
- Forensic investigations/building science
- Roof/waterproofing
- Mechanical, electrical, plumbing (MEP)/energy/LEED®
- Foundation/structural
- Life cycle cost analysis
- ADA/code compliance surveys
- Peer review
- Construction administration
- Seismic assessments

# Terracon



## Geotechnical Services



*Terracon has provided geotechnical services to many transmission line clients including, but not limited to, American Electric Power, CenterPoint Energy, and Omaha Public Power District.*

Design and construction of functional, cost-effective structures require a thorough understanding of local soil, rock, and groundwater conditions. Terracon provides a wide range of services to support all phases of a project, from preliminary design through completion of the building process.

Each local Terracon office, with access to the extensive geotechnical experience and expertise of engineers, geologists, and soils technicians throughout our company, can help to assess the risks associated with subsurface conditions. We participate as a vital member of the project team, focusing on project objectives and using innovative technologies to provide practical design recommendations. Our culture, systems, and structure enable us to excel at both small and large projects.

Our geotechnical services include:

- Subsurface exploration and testing
- Foundation analysis and design
- In-situ testing and performance monitoring
- Earth structures, slopes, and retention systems
- Dynamic analysis and evaluation
- Soil stabilization and ground improvement
- Groundwater control
- Pavement design and subgrade evaluation

With more than 250 geotechnical engineers and one of the largest drilling fleets in the country, Terracon is well positioned to deliver quality, responsive, and cost-effective geotechnical engineering services, regardless of project size.

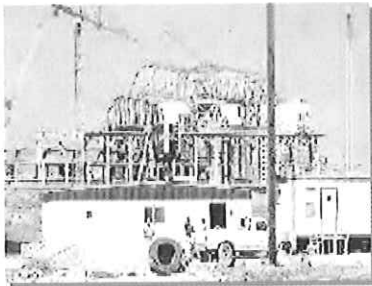
# Terracon



## Construction Materials Services



*Terracon provided comprehensive construction materials testing and observation services for the Ballpark at Union Station, a state-of-the-art stadium and the home of the Houston Astros.*



Proper selection, quality and workmanship of construction materials play a vital role in ensuring that today's buildings and infrastructure perform adequately during long time periods. We work with clients to minimize material replacements, reduce the likelihood of deterioration, avoid potential failures, and investigate and evaluate construction materials related problems and failures when they do occur.

Local knowledge and resources, combined with the technical support available from our national network of offices, enable Terracon to respond quickly to ever-changing construction needs and schedules. We respond with innovative solutions and alternatives that target your long-term performance objectives while considering cost consequences. Our services are delivered on a timely basis with consistently high value and attention to client needs.

Our construction materials services include:

- On-site observation and monitoring
- Construction quality control and quality assurance programs
- Field and laboratory testing and analysis
- Design and review of concrete, grout, and asphaltic concrete mixes
- Structural steel nondestructive testing
- Consulting for construction material selection, compatibility, and acceptability
- Forensic investigation and evaluation of in-place construction materials
- Pavement materials engineering and construction management

# Terracon



## Environmental Services



*Terracon conducted a comprehensive site assessment and site investigation, and later provided remedial oversight services, for one of the largest Brownfields redevelopment projects to date in the U.S. The 72-acre Victory Development includes the American Airlines Center in Dallas.*



Negotiating the complexities of environmental issues can be challenging and time consuming. Terracon relies upon demonstrated experience and knowledge of local conditions and regulations to deliver solutions that are timely, practical, and make good business sense.

From the most basic property assessment, to complex industrial compliance issues, Terracon's services are designed with the client in mind. We consistently blend goals and budgets with sound technical knowledge for maximum results. These services are conducted from our extensive network of local offices. By combining our national resources with specific local area expertise, we consistently overcome obstacles and deliver the results our clients expect.

Terracon's professionals have a thorough understanding of local conditions and regulations, and know how to effectively manage the potential risks presented by hazardous materials and chemical releases that have impacted a site. In addition to working for thousands of private sector clients, Terracon routinely develops and implements environmental solutions in support of local municipalities and state agencies.

Our environmental services include:

- Site assessments and investigations
- Remedial design and implementation
- Brownfields/site redevelopment
- Natural resources/wetlands delineation/mitigation
- Industrial hygiene/health and safety
- Asbestos/lead/mold/indoor air quality
- Regulatory compliance
- Environmental management systems
- Solid waste planning and design

# Terracon



## Facilities Services



*Some of the challenges facility owners, managers, and lenders face today include: complying with new environmental regulations and building codes; dealing with system and material failures in aging structures; assessing environmental hazards; and managing operating expenditures to have good building performance at minimum cost. The physical condition of the roof, pavement, HVAC equipment, plumbing, and electrical systems are typically the most critical issues at a facility and can represent millions of dollars in replacement costs. These components must be managed and maintained for maximum return on the investment.*

Terracon's Facilities Services Group understands the technical and financial aspects and implications of facilities acquisition and management. Terracon can serve as a valuable partner in assisting with identifying, quantifying, prioritizing, and solving potential or existing physical risks and liabilities.

Terracon's goal is to develop solutions and strategies to enhance and increase building performance and help implement those solutions for our clients.

Terracon provides services to assist in helping our clients achieve these goals through facilities engineering services. Our licensed architects and engineers can provide:

- Property condition assessments
- Forensic investigations
- Roof/waterproofing consulting
- MEP consulting
- Foundation/structural consulting
- Pavement consulting
- Life cycle cost analysis
- ADA/code compliance surveys
- Peer reviews
- Construction administration
- Seismic risk assessments

Additionally, we can provide environmental facilities services that include:

- Environmental due diligence site assessments
- Asbestos and lead-based paint consulting
- Indoor air quality
- Regulatory compliance auditing and training
- Underground storage tank management
- Remediation design and implementation monitoring

With Terracon's diverse team as a part of your operations, you have a versatile resource committed to helping you strike that delicate balance between asset protection and the bottom line. Terracon can be your "one-stop" consultant.

# Terracon



# New Creek Dam #14 Rehabilitation Project

## Keyser, West Virginia

**Client:**  
Heeter Construction, Inc  
513 Charleston Road  
Spencer, WV 25276

New Creek Dam #14, controlled by the National Resources Conservation Service, is located on New Creek approximately 15 miles upstream (South) of Keyser, WV. Terracon began servicing this project in the summer of 2011 with a scheduled completion date of late summer 2012.

**Date:**  
2011-2012

Terracon has been selected by the Heeter Construction, Inc., to support the field and laboratory quality control testing of RCC and rockfill berms. The rockfill construction required:

**Fee:**  
\$250,000

- Testing surfaces prior to filling activities
- Checking spreading and lift thickness during rockfill construction
- Sampling and testing rockfill material for gradation and compaction

**Highlights:**  
Field & Laboratory Quality  
Control/Testing  
Geotechnical Instrumentation  
RCC Mix Design

The RCC berm construction required testing of the following components:

- Consistency and density
- In-place density and moisture
- Compressive strength
- Mix proportions, air and fly ash content



Terracon has also been contracted by Heeter Construction, Inc. to support the geotechnical instrumentation procurement, installation, and data acquisition system. The embankment measured approximately .5 miles in length. Terracon is responsible for the testing and removal of existing monitoring equipment to be reinstalled at the end of the project as well as installation of 2 new monitoring wells.

# Roller Compacted Concrete Dam

## Cincinnati/Northern Kentucky International Airport, Boone Co., KY

**Client:**  
Kenton County Airport  
Board c/o URS Corporation

**Date:**  
2005

**Fee:**  
\$1,500,000

**Highlights:**  
Geotechnical  
Studies/Inspection Services  
QA/QC Construction  
Testing

A roller compacted concrete dam was constructed at CVG, the Cincinnati / Northern KY International Airport, as part of the airport's stormwater management program. The dam is part of the new Runway 18R-36 project that also includes several miles of new taxiways and service roads. Therefore, surface runoff conditions will change significantly due to these improvements.

HCN conducted the geotechnical study for URS Corporation (Tampa, FL), as well as assisted in preparation of technical specifications. HCN also performed construction QA/QC services. Our team of engineers and technicians performed constant visual inspection, compaction testing, fabricated test cylinders, monitored periodic coring of the dam, tested the cores and cylinders in the laboratory, as well as conducted other miscellaneous tests in the field and lab.

Roller compacted concrete (RCC) resembles roadway aggregate base, but contains cement. When the batched RCC is trucked, spread, and compacted with a drum roller, it sets up, yielding compressive strengths similar to conventional concrete. Special care has to be taken to make sure the batched material is uniform and well-mixed, compacts properly throughout each entire lift thickness, and bonds well to the other adjacent lifts (to avoid creating potential seepage planes).

The L-shaped dam is about 25-ft. high and 700-ft. long. It contains a cut off trench socketed five feet into competent bedrock which is topped by the RCC Core that is built with 1H:1V side slopes. The dam contains a 48-inch RCP underdrain pipe, a stair-stepped concrete primary spillway, and a secondary spillway covered with channel lining rock. The dam is covered with soil sloped at 4H:1V for ease of maintenance.

The Contractor was Elmo Greer & Sons (London, KY). The RCC was produced at an onsite batch plant operated by The Harper Company (Hebron, KY), who also trucked the material to the point of placement. Harper also produced bedding mortar and structural concrete needed for the project. To minimize creation of cold joints in the RCC, Elmo Greer & Sons elected to construct the RCC core continuously, 24-hours per day. Over 21,000 cubic yards of RCC was placed with as much as about 1600 cubic yards placed during a single shift.



Geotechnical





## **JASON A. SANDER, P.E.**

### **PRINCIPAL – CMT MANAGER**

#### **PROFESSIONAL EXPERIENCE**

Mr. Sander has been with Terracon Consultants, Inc. (Terracon) since 1995, performing construction materials testing and inspection, Special Inspections, as well as materials engineering, supervision, and management duties.

Providing quality control, engineering analysis, design and recommendations for site development, asphalt concrete, concrete and asphalt pavements and subgrades, forensic investigations into various structural distresses and failures, retention systems, reinforcing steel, deep and shallow foundations, various earthwork improvements, concrete, masonry, and roofing systems.

Other areas of competence include specification review, special inspections, floor flatness and levelness, masonry construction, concrete construction and condition assessments, coring operations. Specializes in nondestructive testing of in-place hardened concrete using Windsor test systems, rebound hammer, Hilti RV10 Ferroskan for reinforcing steel location, audible sounding techniques, infrared thermographic evaluation, and state-of-the-art impact echo technology for thickness, delamination, reinforcing steel corrosion, and voids, heat of hydration and maturity monitoring using Intellirock II system, grout, mortar, various load tests, and roofing moisture surveys.

Familiarity with requirements of Chapter 17 of Ohio Building Code, Section 1704 regarding Special Inspections. Has served as Special Inspector on numerous public and private projects, and has been requested to present the topic to local architect and contractor groups in Cincinnati, Ohio, Dayton, Ohio, and Lexington, Kentucky.

Also serves as Cincinnati Field Services Department Manager, currently managing over 40 employees. Duties include department financial oversight, department billing, staffing, personnel supervision, review of engineering and field reports as well as cost proposals, personnel evaluations, training, etc.

#### **PROJECT EXPERIENCE**

Serves as materials engineer with responsibilities including field inspection and testing of soil and concrete, soil identification, review of project specifications, engineering analyses soil, concrete, asphalt, masonry and steel, preparation of engineering reports, and identification / evaluation of various structural distresses and failures.

**Cincinnati/Northern Kentucky International Airport, Boone Co., KY-** A roller compacted concrete dam was constructed at CVG, the Cincinnati / Northern KY International Airport, as part of the airport's stormwater management program. The dam is part of the new Runway 18R-36 project that also includes several miles of new taxiways and service roads. Therefore, surface runoff conditions will change significantly due to these improvements. Over 21,000 cubic yards of RCC was placed with as much as about 1600 cubic yards placed during a single shift.

#### **Education**

*M.S. Geotechnical Engineering,  
University of Cincinnati, 2007*

*B.S. Civil/Environmental  
Engineering, University of  
Cincinnati; 1998*

#### **Registrations**

*Professional Engineer – Ohio (# E-  
69719)*

*Professional Engineer – Kentucky  
(#25656)*

*Spirit of Construction – Key  
Performer Award*

#### **Affiliations**

*American Society of Civil Engineers  
(ASCE)*

*American Concrete Institute (ACI)  
Greater Miami Valley Board of  
Directors*

#### **Work History**

*2000 – Terracon Consultants, Inc.  
CMT Manager*

*1995-2000 H.C. Nutting, a Terracon  
Company  
Materials Technician*

*1998-2000 University of Cincinnati  
Teaching Assistant*

## **PROJECT EXPERIENCE (Continued)**

**Meldahl Dam Hydroelectric Plant Project, Foster, Kentucky** – Served as Project Engineer during construction of 3650 ft. Long up to 50 ft. high cofferdam with an integral cement-bentonite slurry wall that extends up to about 80 ft. below grade to bedrock. Managed on-site laboratory for soils testing, including standard Proctor, Atterberg limits, sieve, hydrometer. Fabrication of 3"x6" cement-bentonite slurry cylinders and fresh testing for viscosity, temperature and pH. Cylinders were tested for strength and permeability.

**East KY Power Cooperative, Spurlock Power Generating Station, Maysville, KY** - Concrete, driven pile inspection, soil compaction testing, on-site laboratory, baseplate grout strength study.

**LG&E Trimble County Power Generating Station Unit #2, Wise's Landing, KY** - Concrete, soil compaction testing, on-site laboratory, development of QC Plan for contractor; trial batches for mix design and petrographic examination.

**The Ascent @ Roebling's Bridge, Covington, Kentucky** - Concrete testing, reinforcing steel, post tension tendon stressing, coring, non-destructive testing, petrographic examination, Special Inspections.

**University of Cincinnati, MainStreet Development, MSB Care, MSB Rehabilitation Phases 1, 2, and 3, Varsity Village Projects, Cincinnati, Ohio** - Concrete, reinforcing steel, deep foundation, concrete strength evaluations, structural steel, soils compaction testing, Special Inspections.

**Good Samaritan Hospital, Clifton Ave. Parking Garage Rehabilitation, Cincinnati, Ohio** - Anchor pull-out testing, post tension tendon elongation, concrete testing, core bond strength testing, Special Inspections.

**Queen City Square Parking Garage and Office Tower, Cincinnati, Ohio** - Concrete, reinforcing steel, post tension tendons, structural steel, earth retention systems, Special Inspections.

**Hollywood Casino, Penn National Gaming, Lawrenceburg, Indiana** - Served as project engineer during sitework, including excavation of vessel harbor slip, lime modification of wet soils and structural fill compaction, auger cast pile installation for the casino link, foundation investigation into low strength grout in numerous auger cast piles, structural steel inspection of bolted and welded connections for casino link, Annex building, and new vessel, and underwater inspection of vessel hull to perform debris sweep and confirm thruster operation. Special Inspections per ICC and under the regulation of the American Bureau of Shipping.

**The Banks Parking Garages, Bid Packages #5, 6, 8, 9, and 11, Cincinnati, Ohio** - Concrete, reinforcing steel, auger cast piles, grout testing, earthwork observations for slab on grade, mechanical inspections for MEP, and Special Inspections.

**Wright Patterson Air Force Base, Primary Runway Replacement, Dayton, Ohio** - Project Engineer for QA for US Army Corps of Engineer during reconstruction of the south end of the primary runway. Scope included on-site concrete batch plant uniformity testing, subgrade preparation, aggregate base placement, concrete testing, and testing of hot mix asphalt per P-403 and P-401 specification.

## **ADDITIONAL PROJECT EXPERIENCE (Continued)**

- Bethesda Hospital, 15 Story Patient Tower, Blue Ash, OH
- Procter & Gamble Co., Lunken Airport Hanger, Cincinnati, OH
- City of Cincinnati, Cincinnati Convention Center Expansion & Renovation, Cincinnati, OH
- Jindall Construction, ODOT District 8 Miamitown Outpost, Hamilton County, Ohio
- Jindall Construction, ODOT District 8 Blue Ash Outpost, Hamilton County, Ohio
- KZF Design, ODOT District 8 Headquarters Laboratory, Lebanon, Ohio
- Sunesis Construction, State Route 126 Remington Road Culvert Replacement, Hamilton County, Ohio
- Hamilton County Engineer's Office, West Road Bridge Replacement, Hamilton County, Ohio
- City of Cincinnati, Hamilton Avenue State Route 127 Improvements, Cincinnati, Ohio
- City of Cincinnati, 2002-2009 CIP Street Rehabilitation Program, Cincinnati, Ohio

## **SCOTT W. MELTON**

### **DEPARTMENT MANAGER**

#### **PROFESSIONAL EXPERIENCE**

Mr. Melton currently serves as the Department Manager of the Construction Materials Engineering and Testing (CMET) group located in our Charleston, West Virginia office. Mr. Melton is a retired Master Sergeant from the US Air Force with over 22 years as an Engineering Assistant. He has over 25 years of CMET related experience including serving as Superintendent of the US Air Force, Airfield Pavements Evaluation Section, during which his team performed structural evaluations and pavement condition surveys on airfields around the world. Mr. Melton performed over 50 structural evaluations using the Dynatest Heavy Weight Deflectometer and the Corp of Engineers PCASE program including an emergency evaluation of the runway at Tule AB, Greenland, following a major flood.

He currently manages a variety of CMET projects, including WVDOH projects as well as commercial and industrial projects. Mr. Melton has served as the primary project manager during the construction of four new schools being constructed in SE Ohio. Aside from being the primary client contact for his projects, his duties include oversight of technicians, scheduling, budget establishment and maintenance, and review of field records and reports.

#### **PROJECT EXPERIENCE**

Construction Management related:

- Served as a PM during the construction of 22 Tractor Supply stores located throughout the Northeastern United States
- Served as the PM during construction of the Gilmer County, WV, local sports complex. This complex included construction of softball/baseball fields for NCAA regulations and for Little League regulations
- Served as the PM during construction of a new addition to the Hampton Inn located along US 119 in South Charleston, WV

Materials testing and inspection related:

- New Creek Dam #14 Rehabilitation - Keyser, WV – Serving as Project Manager for the the earth work and roller compacter concrete portions of the project. Anticipated to have in excess of 22k cubic yards of RCC placed during the spring of 2012.
- AEP Mountaineer Plant – New Haven, WV – served as lead technician during a 1200 cubic yard pour for a new coal stacker pad. Also has assisted with other tasks during construction of a new urea tank.
- I-64/I-77 Bridge in Charleston, WV – Lead technician for a night pour during application of Latex Concrete overlay.
- US 35 Interchange – Winfield, WV – served as quality control technician during placement of structural fill and for backfill of median drain systems along the route for a new section of US 35.

#### **EDUCATION**

*AS Construction Technology, 1999,  
Community College of the Air  
Force*

*USACOE – Pavements Computer  
Assisted Structural Engineering  
(PCASE)*

*USACOE – Micro Paver,  
Pavements Management and  
Inspection*

*Air Force Institute of Technology –  
Airfield Pavement Maintenance  
and Rehabilitation*

*Air Force Institute of Technology –  
Airfield Pavement Construction  
Inspection*

*Air Force Institute of Technology –  
Roof Design and Management*

*Air Force Institute of Technology –  
Computer Aided Design and  
Drafting Systems Course*

*Air Force Construction Materials  
Testing Course*

*Air Force Engineering Assistance  
Specialist Course*

*Air Force Construction Surveying  
Course*

#### **CERTIFICATIONS**

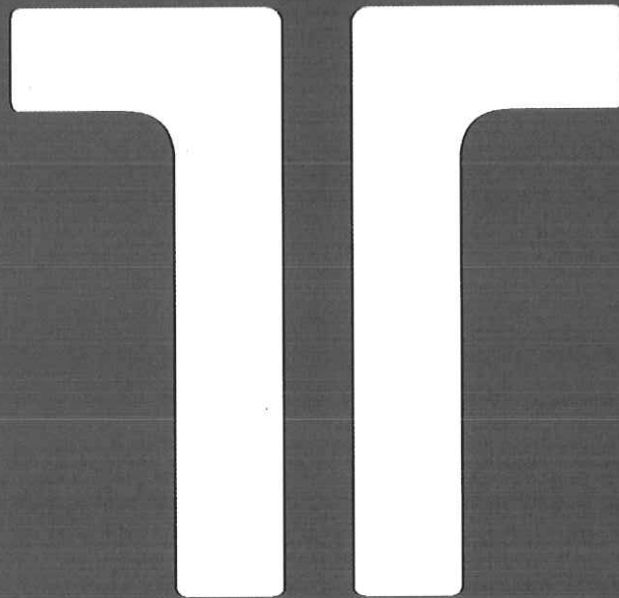
*Nuclear Radiation Safety  
Certification*

*OSHA 30-Hour Occupational  
Safety and Health Supervisor*

*American Concrete Institute  
Concrete Field Testing  
Technician – Grade I*

*WVDOH Certified PCC Inspector*

*WVDOH Certified Compaction  
Inspector*



**Terracon**

Offices Nationwide    Employee-Owned