



## TRANSMITTAL LETTER

**To:** West Virginia Department of Administration  
Purchasing Division

**From:** GRW  
Ben D. Fister, PE, PLS, PSM, Vice President  
Principal-in-Charge/Project Manager

**RE:** **Bid Enclosed**  
Response to RFQ #DEP15938 for  
Surveying and Mapping Services for Southern Counties in West Virginia

**Contents:** **1 Original, plus 1 Copy**

**Comments:** Please don't hesitate to contact us at the above number with any questions.

RECEIVED

2012 SEP -5 AM 9: 55

WV PURCHASING  
DIVISION

September 4, 2012

Department of Administration  
Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305-0130

Dear Sir or Madam,

**RE: RFQ DEP 15938 – Surveying and Mapping Services for Southern Counties in WV**

GRW is pleased to have the opportunity to respond to your request for the above referenced services. We have carefully reviewed the RFQ and stand ready to offer our services for this important project. Enclosed are GRW's Bid Schedule, Solicitation Forms, Insurance Certificate, and Qualifications requested per the RFQ. GRW is registered with the West Virginia Purchasing Division.

Established in 1965, GRW is a large mapping, surveying, and engineering firm, with licenses in West Virginia and nationwide. Headquartered in Kentucky, we have branch offices across the country. GRW is known for our high level of accuracy and personal service provided at affordable rates.

GRW has completed extensive geospatial services at mining industry sites since 1980, as both prime and subconsultant. Recent projects include providing the surveying and mapping of the northern and southern counties for the West Virginia AML as a subconsultant. GRW specializes in all services required for this contract.

GRW maintains all necessary licenses, and has several in-house Professional Surveyors and Engineers. This project will be managed by GRW's Principal-in-Charge, a West Virginia licensed Professional Surveyor and Engineer.

GRW has the experience, capacity, and equipment required to ensure the project's success and timely completion. With over 225 professionals, we have more than sufficient resources and are very proficient in the latest surveying and mapping technology.

If you have any questions or would like additional information, please don't hesitate to contact us.

Best Regards,  
**GRW**



Ben D. Fister, PE, PLS, PSM  
Vice President  
BDF/km



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- 1 Bid Schedule
- 2 Forms: Certification Signature Page, Acknowledgement Form and Purchasing Affidavit
- 3 GRW Qualifications and Insurance Certificate



# 1 Bid Schedule

GRW  
surveying  
mapping  
GIS  
www.grwinc.com





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

**Solicitation**

|          |
|----------|
| NUMBER   |
| DEP15938 |

|      |
|------|
| PAGE |
| 1    |

|  |
|--|
| ADDRESS CORRESPONDENCE TO ATTENTION OF |
| GUY NISBET<br>304-558-8802             |

|        |  |
|--------|--|
| VENDOR | RFQ COPY   |
|        | TYPE NAME/ADDRESS HERE                                       |
|        | GRW Engineers, Inc. (dba GRW)                                |
|        | 801 Corporate Drive  |
|        | Lexington, KY 40503<br>(859) 223-3999<br>Fax: (859) 519-4507 |

|         |   |
|---------|---|
| SHIP TO | ENVIRONMENTAL PROTECTION                                  |
|         | DEPARTMENT OF   |
|         | OFFICE OF AML&R   |
|         | 601 57TH STREET SE  |
|         | CHARLESTON, WV<br>25304                      304-926-0499 |

|              |
|--------------|
| DATE PRINTED |
| 08/23/2012   |

BID OPENING DATE: 09/06/2012                      BID OPENING TIME 1:30PM

| LINE   | QUANTITY | UOP | CAT. NO. | ITEM NUMBER | UNIT PRICE | AMOUNT                 |
|--|----------|-----|----------|-------------|------------|------------------------|
| 0001   | 1        | JB  |          | 962-52      |            | See Attached Bid Sheet |
| MAPPING SERVICES FOR SOUTHERN COUNTIES OF WV<br><br>REQUEST FOR SOLICITATION<br><br>THE WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY WEST VIRGINIA DEPARTMENT OF ENVIROMENTAL PROTECTION'S OFFICE OF ABANDONED MINE LANDS AND RECLAMATION IS SOLICITING BIDS FROM QUALIFIED CONTRACTOR FOR AN OPEN-END CONTRACT TO PROVIDE MAPPING SERVICES IN THE SOUTHERN COUNTIES OF WEST VIRGINIA PER THE FOLLOWING SPECIFICATIONS, TERMS & CONDITIONS, BID REQUIREMENTS.<br><br>THESE MAPPING SERVICES WILL RESULT IN THE DEVELOPMENT OF CONTRACT DOCUMENTS FOR DESIGN/CONSTRUCTION PROJECTS. |          |     |          |             |            |                        |
| ***** THIS IS THE END OF RFQ DEP15938 ***** TOTAL:   |          |     |          |             |            | See Attached Bid Sheet |

|                                  |                        |                                   |
|----------------------------------|------------------------|-----------------------------------|
| SIGNATURE X <i>Ben D. Lister</i> | TELEPHONE 859-223-3999 | DATE 09-04-12                     |
| TITLE Vice President             | FEIN [REDACTED]        | ADDRESS CHANGES TO BE NOTED ABOVE |

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



2 Bid Forms: Certification Signature Page, Acknowledgement Form  
and Purchasing Affidavit



CERTIFICATION AND SIGNATURE PAGE

By signing below, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid or proposal for review and consideration; that I am authorized by the bidder to execute this bid or any documents related thereto on bidder's behalf; that I am authorized to bind the bidder in a contractual relationship; and that to the best of my knowledge, the bidder has properly registered with any State agency that may require registration.

GRW

\_\_\_\_\_  
(Company)

X

*Ben D. Fister*  
\_\_\_\_\_  
(Authorized Signature)

Ben D. Fister, PE, PLS, PSM, Vice President

\_\_\_\_\_  
(Representative Name, Title)

(859) 223-3999

(859) 519-4507

\_\_\_\_\_  
(Phone Number)

\_\_\_\_\_  
(Fax Number)

09/05/2012

\_\_\_\_\_  
(Date)



**ADDENDUM ACKNOWLEDGEMENT FORM**

**SOLICITATION NO.:** DEP15938

**Instructions:** Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

**Acknowledgment:** I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

**Addendum Numbers Received:**

(Check the box next to each addendum received)

- |   |  |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7  |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further 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.

GRW

Company

x

*Ben O. Luster*

Authorized Signature

09/05/2012

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

RFO No. DEP 15938

STATE 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 owed 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 exceeds 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: GRW

Authorized Signature: X *Ben D. Fister* Date: 09/05/2012

State of Kentucky

County of Fayette, to-wit: Ben D. Fister, PE, PLS, PSM, Vice President

Taken, subscribed, and sworn to before me this 4th day of September, 2012.

My Commission expires 12/10/12, 20    .

AFFIX SEAL HERE

NOTARY PUBLIC X *Patricia Foster*

### 3 GRW Qualifications and Insurance Certificate

#### 3.1 Names of Individuals Performing Work

GRW Key Survey Personnel

| Employee Name/Title                                       | Registrations   | Total Years Survey and Mapping Experience |
|---|---|---|
| Ben Fister, PE, PLS, PSM<br>Principal-in-Charge           | WV Professional Land Surveyor #1209<br>WV Professional Engineer - Civil #11627<br>(Additional licenses in AL, FL, GA, IL, IN, KY, LA, MN, MS, NC, OH, TN, and VA) | 37  |
| L. Rinehart, PLS<br>Chief of Surveys                      | IN Professional Land Surveyor #LS80040524<br>KY Professional Land Surveyor #2283  | 37  |
| Wolfgang Ziegler, PLS<br>GPS Survey Manager               | KY Professional Land Surveyor #3098   | 30  |
| John Mickelson, PLS<br>CADD/Quality Control               | KY Professional Land Surveyor #3356<br>KY Professional Geologist #0205  | 29  |
| Barry Zulauf<br>Sr. GPS Specialist                        | Hazardous and Toxic Waste Certification   | 33  |
| Gerald T. Wingate, RPP<br>Photogrammetric Mapping Manager | Registered Professional Photogrammetrist # 80729RPP   | 37  |
| Mitch Long, CP, LSIT<br>Production Manager                | Certified Photogrammetrist # 1411   | 21  |
| Jeremy L. Mullins, CP<br>LiDAR Manager                    | Certified Photogrammetrist # 1404   | 16  |

**Supported by a staff of 225, including 15+ experienced surveyors with 6 survey crews, 20+ Mapping Specialists, and 20+ CADD Specialists experienced in the required tasks.**

GRW staff assigned to this project has provided surveying and mapping services in excess of \$3.5 million of Mining Industry sites. We have over four decades of experience working on similar projects. **GRW has completed surveying and/or mapping of mining sites in the following states:**

- West Virginia
- Virginia
- Kentucky
- Maryland
- Pennsylvania
- Indiana
- Wyoming
- Montana

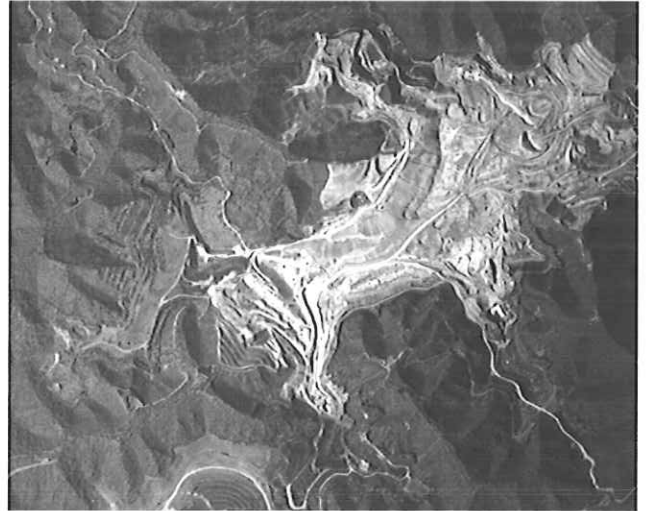
Six Survey Crews are available as needed. GRW's key personnel are supported by a staff of 225 professionals, including:

- 15 Surveyors
- West Virginia Licensed Professional Surveyor Principal-in-Charge
- 40 Mapping/GIS Specialists
- 20+ Professionals with experience on AML/Mining projects



### 3.2 List of Similar Projects, including Past Five

- **West Virginia Abandoned Mine Lands and Reclamation, Northern Counties** – GRW provided Surveying and Mapping of mining sites for the Northern Counties of West Virginia (as the Surveying and Mapping subconsultant).
- **West Virginia Abandoned Mine Lands and Reclamation, Southern Counties** – GRW provided Surveying and Mapping of mining sites for the Southern Counties of West Virginia (as the Surveying and Mapping subconsultant).
- **Kentucky Division of Abandoned Mine Lands** – As Prime consultant, GRW has completed several surveying and mapping projects of Mining Sites for the Kentucky AML. (Client Reference: Mr. Perry Semones, Tel 502-564-2141)
- **International Coal Group/Arch Coal** – Over the last decade, GRW has completed several surveying and mapping projects of Mining Sites as Prime consultant for ICG/Arch Coal. (Client Reference: Mr. Bunnie Watkins, Tel 606-439-0946, bwatkins@intlcoal.com)
- **Consol, WV** – Over the last decade, GRW has been the Prime consultant for dozens of coal companies across the country, including completing surveying and mapping of mining sites for Consol in West Virginia. (Client Reference: Consol/Mr. Craig Kidd, Williamson, WV, Tel 304-235-4850).



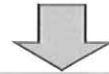
GRW has mapped and surveyed over one million acres at over 150 sites ranging from 5 to 100,000 acres. Services on these projects have included targeting, GPS control and monumentation, aerial photography, field control surveys (conventional and GPS), analytical aerotriangulation, digital and conventional topographic mapping, LiDAR, photogrammetric mapping, digital terrain models, GPS monumentation, volumetric computations for refuse and stock piles, targeting of drill holes and conversion of hand drawn maps to digital maps. We have accomplished these projects using the **latest version of AutoCAD**, and are very familiar with the data delivery requirements for **West Virginia Abandoned Mine Lands and Reclamation**. GRW has also provided surveying and mapping services for the **West Virginia Department of Environmental Protection**.



### 3.3 List of Projects Currently Working on:

- **International Coal Group/Arch Coal** – GRW was selected for multiple projects in June/July of 2012 providing Surveying and Mapping of Mining Sites as Prime consultant for ICG/Arch Coal, and is wrapping up our projects assigned in August 2012. (Client Reference: Mr. Bunnie Watkins, Tel 606-439-0946, [bwatkins@intlcoal.com](mailto:bwatkins@intlcoal.com)). Completion Date: Aug/Sept, 2012.
- **Marion County, WV** – As prime consultant, GRW accomplished countywide aerial photography, surveying, photogrammetric mapping, LiDAR, and related services. (Client Reference: Mr. Jim Priester, [jprieste@assessor.state.wv.us](mailto:jprieste@assessor.state.wv.us), Tel 304-367-5410). This project illustrates our ability and capacity to quickly and efficiently accomplish countywide surveying and mapping services in West Virginia. Completion Date: Aug/Sept 2012.
- **West Virginia DOT** – GRW is the mapping subconsultant on a comprehensive mobile mapping project for the West Virginia DOT. Tasks include surveying and mapping. (Client Reference: Mr. Travis Long, West Virginia DOT). This project illustrates our familiarity with multiple West Virginia State clients, providing highly technical mapping services. Completion Date: Contract runs through 2013, involving mainly LiDAR personnel.

Tasks on these Projects Have Included:



- Surveying
- Control
- Aerial Photography
- Mapping
- Digital Orthoimagery
- LiDAR / DEM/DTM
- Quality Control

GRW has the experience, resources, and capacity to successfully complete this project on schedule and within budget. We are known for our high level of accuracy, efficiency, and fast turnaround, and have a long history of accomplishing multiple ongoing projects on time and within budget with our immense staff and resources.

### 3.4 Name of Project Manager Anticipated for Project

**Ben D. Fister, PE, PLS, PSM – Principal-in-Charge/Project Manager** –With over 35 years of surveying, mapping, GIS and civil engineering experience, Mr. Fister offers a level of expertise that ensures the successful completion of this project. Mr. Fister oversees the Aerial Mapping Division at GRW, and serves as Principal-in-Charge for federal, state, and municipal projects. He has accomplished several similar AML projects, involving all tasks required for this contract. He is a licensed West Virginia Professional Land Surveyor and Professional Engineer. All work performed under this contract will be under the direct supervision of Mr. Fister (licensed WV PE and PLS). He has been the Principal-in-Charge for the **West Virginia AML&R**, as well as for numerous Kentucky AML projects, plus miscellaneous coal projects around the nation, and surveying and mapping for the West Virginia Department of Environmental Protection.

### 3.5 Number of Years Accomplishing Similar Projects

40 Years. As evidenced by our above projects and by our client references, GRW is very proficient in providing surveying and mapping of mining sites. We specialize in providing topographic and planimetric surveying and mapping, boundary and property surveying, survey CAD document preparation, survey reports, aerial photography, photogrammetric mapping, control, LiDAR, and related services.



