**0** 



CONSULTING

August 11, 2009

Mr. Charles Bowman
Buyer Supervisor
West Virginia Department of Administration
Purchasing Division
2019 Washington Street East
PO Box 50130
Charleston, WV 25305-0130

RECEIVED

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STATE OF WY

Re:

**Expression of Interest** 

City of Clarksburg Landfill Closure Project, RFQ # DEP14706

Dear Mr. Bowman:

L. Robert Kimball & Associates, Inc. (Kimball) is very interested in the opportunity and is eager to begin work to assist the West Virginia Department of Environmental Protection (WVDEP) with the above-referenced project. Enclosed is the Consultant Qualification Questionnaire providing our depth, expertise, and capabilities, and a completed Purchasing Affidavit Form.

Why should the WVDEP select Kimball for this project? Consider the following:

- Familiarity with the State of West Virginia Kimball has been providing engineering services to state, municipal and industrial clients in the State of West Virginia for over 30 years, most recently for the Huntington Sanitary Board in support of solid waste landfill upgrades. This experience provides in-depth knowledge of local land uses, services, and needs.
- Project Familiarity Kimball has been assisting Federal, State and Municipal clients in the identification and assessment of environmental concerns on sites for over 20 years. We have recently completed similar environmental investigation and remediation projects for the Johnstown Redevelopment Authority, Cambria County Industrial Development Authority/Corporation, Washington County Authority, Redevelopment Authority of Allegheny County, New Jersey Department of Transportation, New Jersey Department of Environmental Protection, Pennsylvania Department of General Services (PADGS), Pennsylvania Department of Transportation, and numerous other private developers. Our personnel supported the West Virginia Department of Environmental Protection on an open end agreement for similar services in the 1990's.

Mr. Charles Bowman August 11, 2009 Page 2

- Staff Expertise Kimball engineers, geologists and environmental scientists have been involved in hazardous materials identification, assessment and cleanup on hundreds of private, commercial, and industrial development projects, ranging from small gas stations to former steel mill sites. Our senior staff individually have over 20 years experience focused on the identification and assessment of man-made impacts to site soil, air, and groundwater resources and cleanup to protect human health and the environment.
- Full-Service Capability Kimball offers an unmatched range of consulting services that may be needed by the Department, including survey, aerial photography, and mapping services; civil site design, planning, and permitting services; geotechnical and drilling investigations; Phase I and II environmental site assessments, hazardous waste remedial design, wetlands assessment, hydrologic evaluation of site specific stormwater issues, and construction oversight; and transportation and infrastructure design. All of these services can be provided "in-house" thereby assuring a high degree of coordination and efficiency. We have also included in our team subcontract support particular to the assignment in support of drilling, lab analysis, and remediation.

Kimball is a full-service engineering firm headquartered in Ebensburg, PA with over 55 years of experience and a staff of over 550 professional and support personnel located in 14 regional offices, including Charleston, West Virginia. Our Brand Promise says it all, "The Kimball full-service promise ... what you need, when you need it, within your budget. We do it every day."

We are ready to get started on your project and welcome the opportunity to discuss our qualifications with you. If you have any questions, please contact us at 814-472-7700.

Sincerely,

Francis Catherine, PE, REM, BCEE, PMP

Assistant Operations Manager Civil and Environmental Division

Thomas L. Blank, CIH, CSP Principal-in-Charge

Civil and Environmental Division

FWC/mbb Enclosures

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RFQ COPY

TYPE NAME/ADDRESS HERE

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

### Request for Quotation

DEP14706

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| <br>1    |      |

| ADDRESS CORRESPONDENCE TO ATTENTION OF |
|--|
|  |
| CHUCK BOWMAN                           |
| 504-558-2157                           |

ENVIRONMENTAL PROTECTION DEPARTMENT OF OFFICE OF WASTE MANAGEMENT 601 57TH STREET SE CHARLESTON, WV 25304 304-926-0499

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#### Attachment A

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| PROJECT NAME   | DATE (DAY, MONTH   | (, YEAR)  | FEIN  |   |  |
| City of Kingwood Landfil   | 1  | 9   | 25-1672754                                      |   |  |
| 1. FIRM NAME<br>L. Robert Kimball &  | 2. HOME OFFICE BUSING<br>615 West Highland Av                        | venue   | DDRESS 3. FORMER FIRM NAME                      |   |  |
| Associates, Inc.   | Ebensburg, PA 1593   | l c miles of  | ANTED OLITO                                     | 6A. WV REGISTERED                               |  |
| 4. HOME OFFICE TELEPHON<br>814-472-7700  | E 5. ESTABLISHED (YEAR) 1953   | 6. TYPE OV<br>INDIVIDU.<br>CORPORA'<br>PARTNER!<br>JOINT-VEN<br>Corporat: | AL,<br>TION,<br>SHIP,<br>NTURE                  | DBE (DISAVANTAGED BUSINESS ENTERPRISE) YES NO X |  |
| 7. PRIMARY OFFICE: ADDR<br>PERSONNEL EACH OFFICE   | 615 W. Highland Ave  | enue, Ebensbu   | rg, PA 1  | ticular type) 5931 HONE NUMBER-OTHER            |  |
| 9 NUMBER OF PERSONNEL  | attached "Item 8"  BY DISPLINE (Bold Letter                          | PRINCIPALS Please see   | e attache                                       | ed "Item 8"                                     |  |
| Detailed information On Team 130ADNIMSIRATIVE  | _ECOLOGISTS  | 4 LANDSO  | CAPE  | 1.1STRUCTURAL                                   |  |
| 25 ARCHITECTS 1 BIOLOGIST 18 CADD OPERATORS 1 CHEMICAL ENGINEERS 18 CIVIL ENGINEERS  | _ECONOMISTS _1 ELECTRICAL ENGINEERS _18 ENVIRONMENTALI _3 ESTIMATORS | ENGINI  | ANICAL<br>EERS<br>EERS                          | ENGINEERS  1_ISURVEYORS  23_IOTHER              |  |
| 25 CONSTRUCTION INSPECTORS 22 DESIGNERS DRAFTSMEN  | 7 GEOLOGIST HISTORIANS HYDROLOGISTS                                  | 3 PLANN<br>URBAN<br>SANITA<br>ENGIN<br>S SIOLS                            | VREGIONAL<br>ARY<br>EERS<br>ENGINEER<br>ICATION | 55 <u>1</u> TOTAL<br>PERSONNEL                  |  |
| TOTAL NUMBER OF WV R  7  *RPEs other than Civil must this type of work.  |  |   |   |   |  |

| 11. OUTSIDE KEY CONSULTA | NTS/ SUB-CONSULTANTS ANTICIP. | ATED TO BE USED.   |
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12. \*\*\*Note: Personnel refers to those who will be working directly on the project:

A. Are your firm's personnel experienced in Solid Waste Landfill Closure Design?

#### YES Description and Number of Projects:

Kimball has over 25 years of experience in assessment, design, permitting and construction quality assurance (QA) of Solid Waste Landfill Closures. We have experience with eight municipal, residual, C&D, and hazardous waste landfills performing design of cells and closure plans.

#### NO

B. Are your firm's personnel experienced in Solid Waste landfill site characterization assessment and evaluation?

#### YES Description and Number of Projects:

Kimball has led site characterization studies for municipal, residual, C&D, and hazardous waste landfills, as both the prime and as a sub contractor. We have conducted Phase I and II Environmental Site Assessments, material sampling, data collection, and geotechnical and geophysical investigations at these sites. We've performed these services for at least 6 projects.

#### NO

C. Are your firm's personnel experienced in landfill closure construction inspection?

YES Description and Number of Projects:

Kimball personnel, listed herein have led numerous landfill closure and cell construction inspection programs. Kimball has provided both the site inspection and quality assurance (QA) reviews, and also the regulatory certification oversight and report submissions for at least 8 municipal, residual, and C&D landfill closure projects

D. Is your firm experienced in Aerial Photography and the Development of Contour Mapping?

YES Description and Number of Projects:
Kimball has in-house capabilities including survey, aerial photography, analytical and softcopy aerotriangulation, analytical and softcopy photogrammetry, planimetric and topographic mapping, digital orthophoto production, environmental mapping, Thermal IR, Terrestrial Scanning and GIS.
They have provided literally thousands of site contour maps, including dozens of landfills throughout the northeastern U.S.

#### NO

E. Are your firm's personnel experienced in evaluating ground water contamination, such as may be associated with landfills?

#### YES. Description and Number of Projects:

Kimball has a dedicated Environmental Assessment Group, with many years of experience in the evaluation of groundwater contamination associated with various industrial activities. We have conducted hundreds of Remedial Investigations (RI) and Remedial Alternative Analyses (RAA) for groundwater contamination projects throughout the north eastern U.S.

#### NO

F. Are your firm's personnel experienced in Landfill Closure cost estimating?

#### YES Description and Number of Projects:

Kimball landfill closure and construction projects have required the development of a detailed cost estimate involving the development of construction quantities and cost estimates. Kimball personnel have been involved in at least 8 municipal, residual, or C&D landfill closure projects  ${
m NO}$ 

| 13. PERSONAL HISTORY:<br>LANDFILL CLOSURE DE   | STATMENT   | OF PRINCIP   | ALS ANI   | ) ASSOCIATES<br>'omplete data but  | RESPONSIBLE FOR   |  |  |
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|  |  | 30 Engineering   |   |  |   |  |  |
| Brief Explanation of Respons   | sibilities:  |  |   |  |   |  |  |
| Responsible for design for   | solid waste  | projects inclu   | ding muni   | cipal landfills,   | residual waste and coal   |  |  |
|  |  |  | sible for   | hydroligic/hydra   | ulic engineering involving dams,  |  |  |
| open channel flow, and stor  | mwater manag   | ement  | •   |  |   |  |  |
| EDUCATION (DEGREE, Y   | BAR SPECI  | (ALIZATION)  |   |  |   |  |  |
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| National Society of P  | rofessiona   | al Engineers   | S   | Civil, 198   | 5, WV   |  |  |
| Solid Waste Association  | on of Nort   | n America  | )   | D ARROCTATES   | DECONCIDI E POD   |  |  |
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| 13b. PERSONAL HISTOR  | CONTRACTOR OF DRIVE   | CIDALS ANT                  | ASSOCIATI                               | S RESPONSIBLE FOR   |
|---|---|-----------------------------|---|---|
| 13b. PERSONAL HISTOR<br>LANDFILL CLOSURE Q  | Y STATEINENT OF FRUN  | ata hut keen to             | essentials)                             |   |
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| Salguero, Juan P.   | Civil<br>30 Engineering   |                             |   |   |
| to manufacture managin  | e management of solid a l alternative analysis, ity analyses, treatabil ar, Specialization) | design, cor<br>ity studies. | and ground                              | ojects including remedial versight and QA/QC. Also water modeling projects.                               |
| MEMBER SHIP IN PROFI  | SSIONAL ORGANIZATI  | ONS                         | REGISTRAT                               | TON (Type, Year, State)   |
| National Society of   | Professional Engine<br>Civil Engineers  | ers                         |   | , National  |
| HEAVY EARTH WORK  | Y STATEMENT OF PRINCONSTRUCTION PRO   | JECIS (rum                  | ASSOCIAT<br>ish complete d<br>FEXPERIEN | ES RESPONSIBLE FOR<br>lata but keep to essentials)  |
| NAME & TITLE (last, first, middle Int.)  McConnell, O. Thomas   | YEARS OF EXPERIENCE<br>(name type)  30 Civil<br>Engineering                                 | YEARS OF EXI<br>(name type) | PERIENCE                                | YEARS OF EXPERIENCE (name type)   |
| Brief Explanation of Respondential projects, solid analysis and design, foundanalysis, structure foundate EDUCATION (Degree, Yells), 1979, Civil Engineer | tion stability analysis, s<br>ion design, and hydroligic<br>ear, Specialization)            | lope stability              | / analysis, ma                          | ations for site civil work, soils/<br>Also responsibile for geotechnica<br>terials testing (soils), slide |
| National Society of   | BSSIONAL ORGANIZAT<br>Professional Enginee<br>Testing and Material                          | rs                          | REGISTRAT                               | NON (Type, Year, State)<br>985, wv  |

| 14. PROVIDE A LIST OF SOFTWARE AND EQUIPMENT AVAILABLE IN THE PRIMARY OFFICE WHICH WILL BE USED TO COMPLETE THIS PROJECT (name project) |
|---|
| Please see attached Equipment List.   |
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|   |
| ·   |

| 15. CURRENT ACT                           | IVITIES ON WHICH                                | YOUR FIRM IS T                                  | HE DES   | SIGNATED ENGINEER<br>OR CONSTRUCTION. | OF RECORD           |
|---|---|---|----------|---------------------------------------|---------------------|
| PROJECT NAME, TYPE AND                    | NAME AND ADDRESS OF                             | NATURE OF 1                                     | JUK      | ESTIMATED CONSTRUCTION                | PERCENT<br>COMPLETE |
| LOCATION                                  | OWNER   | RESPONSIBIL                                     | TTY      | COST                                  |                     |
| BEMS Landfill<br>Southhampton, NJ         | NJDEP<br>401East State St.<br>Trenton, NJ 08625 | Groundwater<br>Remediation De-<br>and Oversight | sign     | \$2,500,000                           | 95%                 |
| Harrison Avenue<br>Landfill<br>Camden, NJ | NJDEP<br>401East State St.<br>Trenton, NJ 08625 | Groundwater<br>Remediation<br>Design            |          | \$5,000,000                           | 25%                 |
|   |   |   |          |                                       |                     |
|   |   |   |          |                                       |                     |
|   |   |   |          |                                       |                     |
|   |   |   |          |                                       |                     |
|   |   |   |          |                                       |                     |
|   |   |   |          |                                       |                     |
| TOTAL NUMBER                              | OF PROJECTS:                                    |   | TOTA     | L<br>L ESTIMATED CONST                | RUCTION COSTS:      |
| #2  | OF TROUDOTO.                                    |   |          | 500,000                               | -                   |
| 1   |   |   | <u> </u> |                                       |                     |

| PROJECT<br>NAME,<br>TYPE, AND<br>LOCATION         | NATURE OF FIRMS RESPONSIBILITY          | NAME<br>AND<br>ADDRESS<br>OF OWNER       | ESTIMATED<br>COMPLETION<br>DATE | ESTIMAT                        | ED CONSTRUCTION<br>COST:                  |
|---|---|--|---------------------------------|--------------------------------|---|
| Taylor<br>Landfill<br>Restoration<br>Scranton, PA | Design and<br>Construction<br>Oversight | EPA<br>Region III<br>Philadelphia,<br>PA | 2010                            | ENTIRE<br>PROJECT<br>\$350,000 | YOUR FIRMS<br>RESPONSIBILITY<br>\$350,000 |
|   |   |  |                                 |                                |   |
|   |   |  |                                 |                                |   |
|   |   |  |                                 |                                | ·   |
|   |   |  |                                 |                                |   |
|   |   |  | ,                               |                                |   |
|   |   |  |                                 |                                |   |
|   |   |  |                                 |                                | ·   |

| PROJECT NAME,   | CORD (List 5 to 7)  NAME AND  | ESTIMATED         | YEAR. | CONSTRUCTED |
|---|---|-------------------|-------|-------------|
| TYPE AND<br>LOCATION  | ADDRESS OF<br>OWNER   | CONSTRUCTION COST |       | (YES OR NO) |
| Deitz Hollow<br>Landfill Leachate<br>Improvements<br>Huntington, WV | City of Huntington<br>Huntington, WV                                | \$250,000         | 2005  | Yes         |
| EME<br>Cell Expansion<br>Homer City, PA                             | EME Generation, LP<br>1750 Power Plant Road<br>Homer City, PA 15748 | \$1,500,000       | 2006  | Yes         |
| Reliant Cell<br>Expansion<br>Portland, PA                           | Reliant Energy<br>121 Champion Way<br>Cannonsburg, PA               | \$1,300,000       | 2007  | Yes         |
| Reliant Cell<br>Expansion<br>Shawville, PA                          | Reliant Energy<br>121 Champion Way<br>Cannonsburg, PA               | \$2,100,000       | 2006  | Yes         |
| BEMS Landfill<br>Closure<br>Southampton, NJ                         | NJDEP<br>401East State St.<br>Trenton, NJ 08625                     | \$15,000,000      | 2004  | Yes         |
| Harrison Avenue<br>Landfill GW Source<br>Removal<br>Camden, NJ      | NJDEP<br>401East State St.<br>Trenton, NJ 08625                     | \$750,000         | 2008  | Yes         |
| Ottilio Landfill<br>Cap Construction<br>Newark, NJ                  | NJDEP<br>401East State St.<br>Trenton, NJ 08625                     | \$4,500,000       | 2006  | Yes         |

18. COMPLETED WORK WITHIN LAST 5 YEARS IN WHICH YOUR FIRM HAS BEEN A SUBCONSULTANT TO OTHER FIRMS (INDICATE PHASE OF WORK WHICH YOUR FIRM WAS RESPONSIBLE) LIST 5 TO 7. CONSTRUCTED FIRM ASSOCIATED YBAR ESTIMATED PROJECT NAME AND (YES OR NO) WITH CONSTRUCTION ADDRESS NAME, OF OWNER COST OF YOUR TYPE AND FIRM'S PORTION LOCATION CDM FederalPrograms USEPA Yes 2007 East Mount \$50,000 Zion Gas Vents Region III York, PA Philadelphia ٠..

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### 19. Use this space to provide any additional information or description of resources supporting your firm's qualifications to perform work for the WV Department of Environmental Protection.

Kimball maintains a permanent staff of approximately 550 professionals who are experienced in virtually every aspect of planning, design and construction administration. This makes Kimball a full-service firm with "seamless" capabilities. The benefits for our clients include a pool of on-staff talent and effective quality control that result in timely, cost-efficient solutions that meet client's expectations. Kimball is headquartered in Ebensburg, Pennsylvania, and maintains a network of 14 regional offices strategically located throughout the eastern United States. We manage up to 1,500 projects annually and have the capabilities to manage up to 15 indefinite delivery contracts simultaneously, with as many as 14 task orders being accomplished simultaneously within one contract.

Kimball has a record of successfully performing large, multitask remedial design term contracts. The Landfill Design Project Managers are selected based on their qualifications as landfill closure design and design/build managers, and their status as experienced and seasoned professionals. Our proposed Project Managers are supported by key Engineering and Technical Staff that have worked together on previous similar landfill closure projects.

Kimball has implemented the techniques recommended by the Project Management Institute (PMI). Professional project management will be the key to meeting WVDEP's objectives for successful landfill closure project completion within cost and time constraints. Our management approach is to provide Project Managers with sufficient responsibility and the necessary authority to be effective managers. Proper project planning is the starting point for establishing project control and tracking progress. In accordance with our standard procedures, design projects require a work plan and quality assurance plans.

Kimball's financial planning and control system, BST Enterprise (BST), will be used as the basis for cost and schedule control. BST generates instantaneous information on project financials including incurred costs, invoice data, and earned value information, all based upon a work breakdown structure consistent with PMI. Project Managers use these data for status information relative to master schedules and earned value. The Kimball Project Managers will use BST to control all elements of project costs. This system will be used to generate Weekly Current Period Charge Reports that track charges on a weekly basis and compare budget versus actual information on each project task and subtask, as well as the status of subcontractor invoices. This early detection system allows the project manager to identify potential problems early and prevent them from occurring. As necessary to meet WVDEP program tracking and reporting requirements, the Project Manager may also use MS Project program scheduling.

Kimball has a proven history of anticipating and preempting potential problems. Kimball personnel experience and high regard for quality and safe operations require that outcomes or contingencies be evaluated before a task is initiated. To prevent problems we will hold an internal kick-off meeting for each project/task assigned. In this meeting, possible/probable contingencies and identification of most (if not all) stakeholders will be brainstormed. The most probable contingencies will then be discussed with WVDEP's Site or Contract Manager.

Kimball has used innovative technologies to address landfill issues, such as airborne thermal images to analyze and indentify various heat signatures as potential methane escape pathways, and leachate seeps. Other innovative technologies used by Kimball staff at landfill projects include geophysical surveys to determine the limits of existing waste, aerial photography and mapping to assess the annual change in air space capacity, geotechnical investigations to assess the condition of landfill embankments, and assessment/design of landfill gas collection systems. All of these services have been completed by Kimball staff, using Kimball equipment and labor.

|   | · · · · · · · · · · · · · · · · · · · |
|---|---------------------------------------|
| 20. The foregoing is a statement of facts  Signature: Sun W. Alle | Date: August 10, 2009                 |
| Title: Assistant Operations Manager                               |                                       |
| IIIIo. Abbibcane operation  |                                       |
|   | '                                     |
| Printed   |                                       |
| Name: Francis W. Catherine, PE, BCEE, PMP                         |                                       |
| Wallie, Francis W. Cacherine, Lar Bassin                          |                                       |

### ITEM 8 OTHER PRINCIPALS OR MEMBERS OF FIRM L. ROBERT KIMBALL & ASSOCIATES, INC.

| L. Robert Kimball, PE            | Chairman of the Board   | 814-472-7700 |
|----------------------------------|---|--------------|
| R. Jeffrey Kimball, PE           | President & Chief Executive Officer   | 814-472-7700 |
| Ann K. Balazs, AIA               | Senior Vice President / A/E Building Systems Division Manager                               | 814-472-7700 |
| Csaba S. Balazs, AIA             | Senior Vice President / A/E Building Systems<br>Architectural Principal                     | 814-472-7700 |
| Lawrence C. Bickford             | Senior Vice President / Corporate Sales   | 814-867-4566 |
| Richard E. Genday, PE            | Senior Vice President / Transportation Division Manager                                     | 814-472-7700 |
| Christopher Haupt, AIA           | Senior Vice President / A/E Building Systems Business Development and Marketing Principal   | 412-201-4900 |
| Samuel E. Kerns, CPA             | Senior Vice President / Chief Financial Officer   | 814-472-7700 |
| John R. Kimball                  | Senior Vice President / Business Development  | 814-472-7700 |
| Emil E. (Jack) Lerch, PE,<br>PLS | Senior Vice President / Civil & Environmental Division Manager                              | 412-262-5400 |
| G. William Myers, PE, JD         | Senior Vice President / Chief Legal Officer   | 814-472-7700 |
| Richard C. Witt, JR., AIA        | Senior Vice President / A/E Building Systems Project Delivery Principal                     | 814-867-4566 |
| Thomas L. Blank, CIH,<br>CSP     | Vice President / Civil & Environmental Operations Manager, Environmental Services           | 412-262-5400 |
| John R. Bonassi, LEED,<br>AP     | Vice President / A/E Building Systems Business Development Manager                          | 412-201-4900 |
| Michael B. Fischel, ENP          | Vice President / Telecommunications & Technology Business Development                       | 215-665-0308 |
| David R. French                  | Vice President / Civil & Environmental Business Development Manager                         | 412-262-5400 |
| Troy A. Gallaher, PG             | Vice President / Transportation Services Assistant Operations Manager Construction Services | 814-472-7700 |
| Diane C. Glarrow, AIA            | Vice President / A/E Building Systems Operations Manager Ebensburg                          | 814-472-7700 |
| Adam S. Henger                   | Vice President / Federal Programs Business Development                                      | 814-472-7700 |
| Richard L. Holes, PE             | Vice President / Transportation Services Operations Manager Aviation Services               | 814-472-7700 |

### ITEM 8 OTHER PRINCIPALS OR MEMBERS OF FIRM L. ROBERT KIMBALL & ASSOCIATES, INC.

| Robert J. Iacaruso              | Vice President / Information Technology  | 814-472-7700 |
|---------------------------------|--|--------------|
| Deborah C. Irwin, PMP,<br>ENP   | Vice President / Telecommunications & Technology Project Delivery                                      | 814-472-7700 |
| Brian L. Jones                  | Vice President / Telecommunications & Technology Projects and Technical Services                       | 814-867-4566 |
| Edward J. Jones, PE             | Vice President / Transportation Services Operations Manager Highway, Bridge and Environmental Services | 814-472-7700 |
| James G. Loncella               | Vice President Special Projects  | 814-472-7700 |
| Karen G. Maul                   | Vice President Human Resources   | 814-472-7700 |
| Joel V. McCamley, ENP           | Vice President / Telecommunications & Technology Projects and Technical Services                       | 814-867-4566 |
| Oscar T. McConnell, PE          | Vice President / Civil & Environmental Operations Manager Geotechnical Services                        | 814-472-7700 |
| Tanya M. McCoy-Caretti,<br>SCRP | Vice President / Civil & Environmental Business Development  | 814-472-7700 |
| David McRoberts                 | Vice President / A/E Building Systems Business Development   | 814-867-4566 |
| Regis Miller                    | Vice President / Transportation Services Operations Manager Construction Services                      | 814-472-7700 |
| Joseph F. Moon, Jr.             | Vice President / Civil and Environmental Operations Manager Civil Engineering Services                 | 412-262-5400 |
| Scott Palmquist                 | Vice President / A/E Services Business Development   | 412-201-4900 |
| Charles S. Pryor                | Vice President / A/E Services Business Development   | 412-201-4900 |
| David A. Rispoli                | Vice President / A/E Services Operations Manager State College and Harrisburg                          | 814-867-4566 |
| Terry C. Shulsky                | Vice President / A/E Building Systems Construction Administration                                      | 814-472-7700 |
| Jerry D. Stewart                | Vice President Civil and Environmental Operations Manager Geospatial Services                          | 814-472-7700 |
| Francis F. Strouse              | Manager, Business Development, Transportation<br>Services, Aviation Services                           | 717-221-8820 |
| Roger L. Zwingler               | Chief Marketing Officer  | 814-472-7700 |

## Rev. 01/22/08

# L. Robert Kimball & Associates, Inc. Equipment List

# Water Sampling/Monitoring Equipment

- Stainless Steel Bailers (1" and 2")
- Hydropunch HP 1000
- Disposable Single Valve Bailers (3/4", 1", 2")
- 2 Isco Iso-Samplers
- Polyethylene
- Sludge Judge Sludge Sampler (15 ft.)
- Teflon
- 1 VWR Scientific pH meter
- 3 Acculab Electronic Balance
- Hach pH Meter
- Omega pH Meter
- I YSI XL-650 Water Quality Meter w/Flow-Through Cell
- Hach Conductivity Meter
- 3 Watermark Water Level Indicator
- Solinst Oil/Water Interface Probe
- ORS Oil/Water Interface Probe
- PVC Bailers (2" and 4")
- 5-gallon Granular Activated Carbon Canister

### Pumps

- Grundfos RediFlo-2 Submersible Pump w/Grundfos Controller
  - Grundfos RediFlo-4 Submersible Pump 10 gpm
- Whale Submersible Pump Purge System
- 2 Centrifugal Pump
- I Geopump 2 Peristaltic Pump

## **Aerosol Monitors**

- 1 MIE Miniram
- I MIE Dataram

# Photoionization Detectors

- Photovac Microtip HL2000
- Photovac Microtip 2020
- RAE Systems<sup>™</sup> MiniRae Plus
- 2 Photovac 2020 Pro

# Flame Ionization Defectors

- Photovac MicroFID

# Combustible Gas / 02 Monitor

- 1 Industrial Scientific Multi-gas Monitor
- 1 Crowcon Triple Plus Data Logging Portable Gas Detector [O<sub>2</sub>, IEL, CO, H<sub>2</sub>S]

## Colorimetric Tubes

1 - Dräger accuro® Gas Detection Pump (grab sample)

## Radiation Monitors

- I Radiation Detector (Alpha, Beta and Gamma)
- 9 Dosimeters Quest (4 Q400 & 5 Q300)

# Meteorological Equipment

- 1 Alnor® Velometer® Series 6000P Air Velocity Measuring Instrument
- 1 Weatherview 32 Wireless Weather Station

## Geophysical Equipment

- 1 Geophysical Survey Systems, Inc. SIR-2 w/400 MHz Antenna (GPR)
- 1 Geonics EM-31 Terrain Conductivity Meter w/Polycorder Data Logger
- 1 Scintrex ENVIGRAD Magnetometer/Gradiometer
- Radiodetection RD-400 Pipe and Cable Locator
- Schonstedt Magnetic Locator

## Portable Generators

1 - Honda 2500X Generator

# AIR SAMPLING PUMPS AND ACCESSORIES

## Low Volume Pumps

26 - MSA ELF Pumps

3 - MSA Portable Pumps (Model G)

4 - GILAIR5 Air Samplers

2 - MSA Portable Pumps (Model 482700)

## High Volume Pumps

AIRCON2

3 - Dayton Speedyaire High Volume Pumps

10 - Air Samplers, 11 - Battery Packs, and 9 - Charging Modules

10 - Allegro (model 22D1-V104B-AKV)

16 - Reliance Electric

2 - Allegro (model 1531-107D-Q557X)

1 - Gillian High Flow Air Sampler

## Pump Accessories

9 - SKC 30 mL Midget-Fritted Impingers

6 - Impinger Holsters

10 - MSA Tube Holder Assemblies

10 - MSA Tube Holder Assemblies

4 - High Volume Rotameters

1 - Low Volume Rotameter

6 - MSA Gravimetric Holder Clamps

14 - MSA Gemini Twin Port Samplers

9 - MSA Gemini Twin Port Sampler Covers

1 - Box of Clips for Pump Cover 1 - Box of MSA Spare Pump Parts (assorted)

4 - MSA Omega Pump Charger:

# Pump Accessories (continued)

1 - Box of Gilian Spare Parts (GILAIR5 Trimode Air Sampler)

2 - Gilian Gilibrators

- MSA Portable Charger

- Gilian DRC Battery Charger

- Gilian Time-Released Charger (HFATR-5)

## Various Samplers

I - Quest Air Monitor

- Tramex Moisture Counter

I - Dermhorst Moisture Counter

9 - Quest Noise Dosimeters

2 - SKC Air Sampling Pumps

1 - Portacount Plus Respirator Fit Test

18 - 3M Passive Diffusion Monitors

2 - MSA Portable Alarms (for combustible gas and oxygen) 1 - Battery Charger and 2 - Hoses

- Andersen Sampler, Inc. Kit

- Andersen N6 Impactor Sampler (single stage)

1 - Andersen 1ACFM Ambient Sampler (stages 0-7)

- 22 Niton Radon Detector

1 - MiniRAE Plus Professional PID Kit

1 - MSA Ventilation Smoke Tube Assembly

2 - Dywer Digital Handheld Manometers

I - Micronta Ohm-meter

- Corning PS15 pH Meter

I - Weathertronics Weather Event Recorder

1 - Quick Fix Acetone Sampler

2 - Alnor Velometers

1 - Quick Fix Asbestos Sample Filter

Equipment List

## Miscellaneous

## 27 - Tripods

- 6 Tuff Boxes
- 12 Containers of Drager Ammonia Sampling Tubes
- 5 Silver Pelicans
- 10 Datachem Treated QFF NMAN 5040 (diesel) Cassettes
- 4 Silver Gilians
- 2.5 bxs Fisherbrand Transport Swabs
- I Pelican 160
- 3.5 bxs SKC Air-O-Cell Cassettes
- ı MSA (Cassettes/Tubes/Swabs)
- 100 Glass Microfier Filters
- Box of Assorted Sampling Tubes
  - 5 Box of PCM Cassettes
- .5 bxs SKC 37 mm 3pc Cassettes
- 5.5 Box of TEM Cassettes
  - 4 Box of Lead Cassettes
- 30 Cassette Blanks

## Respirator Filters

- 10 MSA OptiFilters
- 2 North Air Filters (Part N7500-3)
- 50 Wilson Air Filters
- 2 MSA Air Filters (Part 814822)
- 18 North Air Filters (Part 7580P100)
  - 2 MSA Air Filters (Part 814902)
- 6 North Air Filters (Part7581P100)
- 6 MSA Air Filters (Part 459318)
- 10 LowRider Air Filters
- 8 Scott Air Filters (Part 100698)

# Miscellaneous (continued)

- 7 Respirators (Assorted)
  - Drager Tube Opener
- 2 Drager Aspirator Bulbsw/Tube Openers
- 1 Drager Qualitative Fit Test 1 - Drager Quickair – 10 Emergency Escape Breathing Apparatus
  - 1 Troemner 100 gram Calibration Weight
    - 1 Microlead IV Printer and Interface 400 ft. - Flexible Clear Plastic Tubing
- 50 Chemplex XFR Sample Cups w/Lids
  - 1 Barnstead Thermolyne Hotplate
- Hubbard Screen Sieves (Assorted Mesh Sizes)
- 4 boxes Allegro Personal Safety Equipment Cleaning Pads
  - SKC Aluminum Cyclone
- 1 MSA Gas Check Calibration Kit
- 2 containers Drager Air Current Tubes
- 2 containers Allegro Smoke Tubes for Qualitative Fit Tests
  - Xircom Port Adaptor
- 6 Lock Flow Valve Assembly
- 100 MFS Cellulose Acetate Membrane Filters
- 18 B-D Syringes
- Compass Tally Register
- Sump Pump
- 1 WildCo Surber Stream Bottom Sampler
  - 100 Nucleopore 37 mm Absorbent Pads
    - | Stainless Steel Augers w/extensions
- 1 Stainless Steel Trowels and Scoops
- Drum Pump
- Drum Thief
- 138 Microscope slide boxes

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# <u> Miscellaneous Equipment (confinued)</u>

- Boxes of Microscope Slides
- Olympus BHTU Microscopes Box of Microscope Equipment
  - 1 Olympus Microscope Lens
- 8mL Olympus Optical Co., LTD. Immersion Oil
  - 7 Boxes of Microscope Slides (Assorted,
    - ½ box Microscope Cover Glasses
      - Microscope Slide Boxes
        - 2 Bulbs(for Microscopes)

# Personnel Protective Equipment

North, Willson, & MSA Half-Face & Full-Face Air-Purifying Cascade Supplied Air System w/Four Airline Respirators

Respirators

**Escape Pack** 

Hard Hats

MSA PAPR Respirators

Hearing Protection (disposable foam plugs)

Safety Glasses

Tyvek Suits

Safety Full-body Harness

**Nitrile Gloves** 

Saranex Suits

Steel Toed Boots

Latex Gloves

Chest Waders

Hip Waders

Surveying Equipment

- 4 Pentium CAD stations (AutoCAD 2000 & LDD)
  - 4 Pentium Notebook Computers

# Surveying Equipment (continued)

- 3 Leica System 530 GPS Units (for airborne, RTK & static applications)
- 2 Leica System 1200 GPS Units (for airborne, RTK & static applications)
- 3 Ashtech Z-12 GPS Receivers (for airborne, RTK & static applications)
- I Topcon GPT-8003A (3") Auto Tracking Pulse (Robotic/Prismless) Total Station
- Leica TCA1103 Robotic Total Station
- Topcon GTS 701 Total Station (2") onboard data collection
  - Topcon GTS 702 Total Station (3") onboard data collection
    - I Topcon GTS 211D Total Station (5",
- 1 Sokkia Set 3 Electronic Total Station (3")
- 1 Sokkia Set 2 Electronic Total Station (5")
- 3 Juniper Allegro Data Collector and Carlson SurvCE software
  - Lieca NA828 Level
- 4 Wild NA-2 Levels
- 8 Carl Zeiss NI-2 Levels
- 1 Carl Zeiss Micrometer for NI-2 Level
- Invar Level Rod
- Model 448 Depthometer
- 12' aluminum boat
- 1 16' Lowe Aluminum Boat w/ Trailer
- 1 Johnson 9.9HP Outboard Motor
- 1 Laser Tech. Impulse 200 XL Range Finder w/ Red-Dof Scope
  - 1 Laser Tech. Mapstar Compass Module
    - 5 Magnetic Locators
      - 10 Motorola Radios
- 4 Airport-Band Radios
- 15 Single Prisms

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# Surveying Equipment (continued)...

- 8 Prism Poles
- 21 Tripods
- 6-25' Level Rods
- 1 Cub Cadet Utility Vehicle
- 2 4 wheel drive Chevrolet Blazer
- 1 4 wheel drive Chevrolet 1 Ton Pickup with utility cap
- 3 4 wheel drive Chevrolet % Ton Pickups with utility caps
- 1 4 wheel drive Chevrolet Colorado Pickup with utility cap \*If requested, Kimball will provide a current cleaning and calibration certificate for any of the instruments in the survey

## field Communications

equipment list.

**Cellular Phones** 

/ehicles

## **Aerial Photography**

- Aero Commander Shrike 500S (N57062)
  - Aero Commander 560-A (N424RK)
- Leica RC-30 Aerial Camera
- Zeiss Jena LMK 2015 FMC Aerial Camera

## Photographic Laboratory

- I UCP2 Contact Printer (EPC)
  - UDS2 Contact Printer (EPC)
- Vacuum frame
- 1650 2 Color AM Press
- 126 Zenith Offset Press 18" x 24"
- Xerox 2101 black and white printer
- Epson 3000 Stylus digital color printer
  - Xerox 6060 color printer
- Versamat 11C-M Processor
- 2 Kodamatic 48" 125A Processors

# Photographic Laboratory (continued)

- Hewlett Packard LaserMaster 1200
- 4 Pentium PCs
- Opti-Copy Process Camera
- 4100 HP black and white printer
- Vexcel Imaging Austria Ultra Scan 5000 scanner
  - Leica DSW600 Precision Aerial Film Scanner

## **Photogrammetry**

- 1 Zeiss C-130 Analytical Stereo Plotter
  - 1 Zeiss C-120 Analytical Stereo Plotter
- 5 KLT/ATLAS Digital Orthophoto Workstations
  - 1 Wild PUG 3 Point Transfer Device
- 7 KLT/ATLAS Softcopy Workstations

## Digital Mapping and GIS

## Workstation

40 – Pentium III and IV NT Workstations

## Display Terminals

40 – High resolution graphic displays

### Digitizers

1 – 48" x 36" tablet digitizers

### **Plotters**

- 1 Hewlett-Packard 5500 plotter
- 2 OCE 9000 Series Plotters

### **Printers**

- 5 Laser printers
- 1 CD/DVD Epson Printer

## Storage Devices

- 6 120GB Portable Storage Devices
- 2 SecurStor 16000 Raid Data Storage Tower containing 16-120GB hard drives for 1.92TB of storage space

# Digital Mapping and GIS (continued)

## Portable Media Drives

- 6 CD Recorders
- 2 4mm DAT Tape Drives
- 3 CY-8000 Sony 50GB 8mm Tape Drives
- 4 Hewlett Packard DVD Writers DVD 2001
  - DVD/CD 4-Bay Multi-Writer

### Scanners

| - OCE 9800 Scanner

### Software

AutoCAD 2005

Autodesk Raster Design 3

Autodesk Field Survey v. 1.0.19

ArcView 9.1

ArcView 3D-Analyst Extension

ArcView Spatial Analyst Extension

ArcView Network Analyst Extension

ArcGlobe 9.2

ArcInfo 9.2

ArcSDE 9.2

Workstation ArcInfo 9.2

Workstation ArcInfo Grid

Workstation ArcInfo TIN

Workstation ArcInfo COGO

Workstation ArcInfo Network Workstation ArcInfo Arcpress

Autometric KORK KDMS

KLT ATLAS SoftCopy Photogrammetric System ISBBA Aerotriangulation Package

## Software (continued).

Ashtech PRISM GPS

MrSID Digital Image Compression Software

Bently Microstation J 7.1

Intergraph MGE Base Mapper

Microsoft SQL Server

Adobe Photoshop v. 7.0

Corel Graphics Suite v. 10

Microsoft Visual Studio

### Dilling

- 1 CME 55 —Truck-Mounted Tandem Drill
- Water Tanker/Utility Truck
- 1 Jerr Dan 22 ft. Tiltbed Transport Truck
  - 2 CME 45C Truck-Mounted (4 x 4)
- 1 4x4 Quad Runner
- 1 CME 345 Track-Mounted Remote Control Drill NQ2, HQ and 4x5.5 Core Barrels, Drill Rods
- Acker XLS Track Rig
- 1 Acker Hillbilly Skid Rig

Drive Casing - 4"

- 6 4-Wheel Drive Support Trucks
- 1 4" Casing Advancer (HW)
- 2 Trailer Mounted Bean 35 Water Pumps
- 2 Generators
- 2 Bean Skid Water Pumps
- 1 Wacker Trash Pump
- 2 Submersible Pumps
- 2 Sets Torches

CME Continuous Sampler Systems (3.5" and 7.5")

1 - Electric Heater

# Drilling (confinued)

- 5 Centrifugal Pumps
- 3 Chain Saw
- 2 1,200 gal. Water Tanks

Hollow Stem Augers – 8.25, 4.25, 3.75 and 3.25 I.D.

- 2 250 gal. Water Tanks
- Chem- Grout Mixer / Pump
- 2 550 gal. Water Tanks
- 300 gal. Water Tank

## Geotechnical Equipment

- 6 Troxler Nuclear Density Gauges (1351)
- Troxler Nuclear Density Gauges (1352)
- 6 Troxler Nuclear Density Gauges (3411-8)
- 5 Troxler Nuclear Density Gauges (3430)
- 5 Troxler Nuclear Density Gauges (3440)
- I Humboldt Scientific Nuclear Density Gauges (5001)
- 2 Soiltest Consolidometers
- Soiltest Constant Head Perm Board
- Soiltest Direct Shear, Machine
  - Soiltest Horizontal Extruder
- Precision Scientific Oven
- Grieve Oven
- Quincy Oven
- Lindberg Oven
- Soiltest Proving Ring 10000lb
- Karrol Warner Proving Ring 2000lb
- Soiltest Proving Ring 2000lb
- Karrol Warner Proving Ring 2500lb
  - Soiltest Proving Ring 500lb
- CDI Proving Ring 6000lb

# Seotechnical Equipment (continued)

- Ohaus Scale, Beam Balance
- A and D Scale, Digital 150lb Field
- Ohaus Scale, Digital 2100gm
- A and D Scale, Digital 310gm
- Scale Store Scale, Digital 50lb
- Ohaus Scale, Digital 6000gm
- Forney Sieve Shaker, Aggregate
- 2 Gilson Sieve Shakers, Small
- 1 Overhead Graham Triaxial Compression 1 - Karrol Warner Triaxial Compression
- 2 Karrol Warner Triaxial, Chambers
- 2 Karrol Warner Triaxial/Permability Panel Boards
  - GE Vacuum, Specific Gravity
- Cenco Vacuum, Triaxial/Perm Station
- Soiltest Vertical Extruder
- FMC Vibratory Table
- Soiltest Consolidation, Machine

# Computer/Information Management Systems — Office and Field

500 - Computers (Pentium III MHz or Faster) (Laptops and Desktops)

- 60 Printers
- 12 Plotters

### Software

Aqtesolv 3.01

Harvard Graphics Instant Charts

Aqtesolv Rockware

Health and Safety Plan 3.0

Aquifier Test Prp

HEC-RAS 1.1

Rev. 01/22/08

## Software (continued)

ArcGIS 3D Analyst for ArcGIS 8

Hydra Rendering Software 2.3

EZ-Plant North V3.6

EPA - Response

Field Certifications Tracking System 2.1

Hydra Storm Sewers 2000

EPA - Quality Assurance Sampling Plan

Hydraflow Hydrographs 2002

FlowMaster for Windows

Hydraflow Hydrographs 5.0

Geosystem

Hydraflow Hydrographs 6.02

Geosystem - Cement Products

Hydraflow

Geosystem - Limits

Hydra Storm Sewers

gINT 5

Hydraulix Toolbox 1.0

gINT 5

Hydronet

gINT 6

Groundwater Vistas 1.9 Hydronet 4.0

MathCAD Standard 2000

Harvard Graphics Advanced Presentation 7.02

MathCAD Standard 8

Harvard Graphics Chart XL 3.0

Visual HELP 1.1

Harvard Graphics Gallery

## Software (continued)

WaterCADD for Windows

Waterloo Hydrogeologic

ESEbase

Watershed Modeling System 7.0 Module

WinLog 3

Watershed Modeling System (WMS) 6.1

XSTABL 5

WinLog 2000

WinFence

HAP Simulation Weather Data

Modflow

GeoHEC-1

ModflowT

Surfer for Windows

Rockware Utilities

Construction Criteria Base System

**MCACES Estimating System** 

Corel Flow

Hydrographs for Windows

Penn State Urban Hydrology Model

Windows XP

Office Professional Bookshelf

SPECSINTACT specification system

ARMS review management system

**Corel Draw** 

**AUTOCAD Map** 

## Software (confinued)

Image-In Multimedia Album

Microsoft Project

Primavera Expedition

Primavera Project Planner

Microsoft Project

Internet Explorer

Project for Windows

Windows NT

Employees are not permitted to operate equipment until the mentor has established that they are competent to do so. Competence is At the time of hire, employees of L. Robert Kimball & Associates, Inc. are trained to operate the equipment specific to their position. then monitored on a yearly basis during the employee's annual performance review.

### STATE OF WEST VIRGINIA Purchasing Division

### PURCHASING AFFIDAVIT

### VENDOR OWING A DEBT TO THE STATE:

West Virginia Code §5A-3-10a provides that: 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.

### PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. The vendor must make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun.

#### **ANTITRUST:**

1 1 . .

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 materials, 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.

#### 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, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, 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.

#### 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.

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.

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|---|--------------------------|---------------------|
| Vendor's Name: L. Robert Ki                                   | mbabl & Associates, Inc. |                     |
| Authorized Signature  Purchasing Affidavit (Revised 01/01/09) |                          | August 11, 2009     |