

CENTEC **ENGINEERING, PLLC**

CIVIL & ENVIRONMENTAL ENGINEERS

**EXPRESSION OF INTEREST
SITE CHARACTERIZATION STUDY, LEACHATE
MANAGEMENT & CLOSURE CAP WITH QA/QC
CITY OF WHEELING LANDFILL
SOLICITATION NO. CEOI 0313 DEP1700000002**

Prepared for:
West Virginia Department of Environmental Protection

Submitted to:
West Virginia Department of Administration
Division of Purchasing

November 22, 2016

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@ Purchasing Division

centec-engineering.com

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CENTEC Engineering, PLLC (CENTEC) appreciates the opportunity to submit this Expression of Interest to the State of West Virginia Purchasing Division to provide Site Characterization Study, Leachate Management & Closure Cap with QA/QC for the City of Wheeling Landfill.

As outlined below, CENTEC is uniquely qualified to provide these services. Along with CENTEC's extensive solid waste landfill experience, we have teamed up with REI Consultants, Inc. of Beaver, West Virginia to provide groundwater sampling and analysis, Terracon of Charleston, West Virginia to provide subsurface, geotechnical and hydrogeological services and Keddall Aerial Mapping from Pittsburgh, Pennsylvania to provide aerial topographic mapping services.

GENERAL EXPERIENCE

CENTEC specializes in providing general solid waste landfill engineering, design, permitting and construction QA/QC for municipal solid waste landfills. Although founded in January 2010, CENTEC's staff has been providing these services to solid waste management clients throughout the Mid Atlantic Region for 27 years.

Our Registered Professional Engineering staff is licensed in the states of West Virginia, Tennessee, Kentucky, Virginia, North Carolina, South Carolina and Maryland, and has completed multiple solid waste landfill projects in all of these states.

Specific project experience providing major design services for West Virginia landfills is included in the attachments. The projects shown in these attachments include only those projects performed by CENTEC. However, our staff provided the same type of services for 20 years prior to CENTEC's formation.

CENTEC is currently the Engineer of Record for twelve of the currently permitted municipal solid waste and tire monofill landfills in West Virginia. The landfills for which we are the current Engineer of Record are:

City of Charleston Landfill	Copper Ridge Landfill
Disposal Service, Inc. (DSI) Landfill	North Mountain Landfill (LCS)
Northwestern Landfill	Tucker County Landfill
Meadowfill Landfill	Mercer County Landfill
S&S Landfill	Nicholas County Landfill
WV Tire Disposal Landfill	Tire and Rubber, Inc. Landfill

Our experience working on many of the permitted landfills in West Virginia has allowed us to develop an excellent working relationship with the West Virginia Department of Environmental Protection (WVDEP) solid waste permitting personnel as well as to have an intimate familiarity with the West Virginia Solid Waste Management Rule (33CSR1).

Our general solid waste landfill engineering services include preparing Annual Operational Reports required by the WVDEP (we are currently preparing 12 Annual Operational Reports for West Virginia landfills); landfill gas system initial and expansion design; NPDES stormwater and leachate permitting; environmental plans including Spill Prevention, Control and Countermeasures Plans, Stormwater Pollution Prevention Plans and Groundwater Protection Plans; providing a full range of surveying services; preparing a wide variety of minor permit modifications and major permit modifications for facility expansion.

LANDFILL DESIGN AND CONSTRUCTION QA/QC EXPERIENCE

Included in the attachments is a list of specific construction projects for which CENTEC provided design and QA/QC services for West Virginia landfills since CENTEC's formation. Since its founding in 2010, CENTEC has performed 22 solid waste landfill cell or closure cap design projects and 17 QA/QC and Final Certification projects for West Virginia landfills.

CENTEC's certifying engineer has overseen and certified over 9 million square feet of HDPE and LLDPE geomembrane liner and cap installation. This work has been performed on 24 separate solid waste landfills and over 50 individual projects.

CENTEC's field technicians have over 30 years of combined experience with numerous types of construction projects and testing. Our technicians are familiar with conventional as well as specialized construction methods and techniques.

Our staff is certified through the Geosynthetic Certification Institute for the installation inspection of geosynthetic materials and compacted clay liners. We continue to perform these services on an ongoing basis for the majority of the permitted landfills in West Virginia, keeping our staff updated on the latest developments in geosynthetic manufacturing, installation and testing.

CLOSING

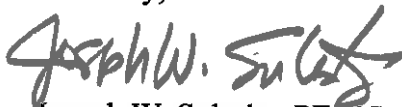
As indicated in this Expression of Interest, CENTEC's staff has acquired a great deal of solid waste landfill engineering experience, with the bulk of that experience coming at West Virginia landfills.

Although all landfills in West Virginia conform to the same regulations and work with the same regulatory personnel, each landfill has its own unique qualities, both positive and negative. Having worked on so many of West Virginia's landfills with a wide variety of topographic and geologic features, we have encountered many challenges that have required innovative engineering solutions. The experience gained from these challenges and our staff's familiarity with the solid waste landfill industry will enable us to provide the experience and expertise required from a solid waste landfill consulting engineering company.

An outline of our West Virginia Municipal Solid Waste Landfill Design Experience is shown in Attachment No. 1. Attachment No. 2 includes our West Virginia Municipal Solid Waste Landfill QA/QC Experience. Attachment No. 3 contains the West Virginia Department of Environmental Protection Consultant Qualification Questionnaire. The required signed documents including the Purchasing Affidavit, the Designated Contact and Certification Signature Form, and the Addendum Acknowledgement Form are located in Attachment 4.

Again, we appreciate the opportunity to submit this Expression of Interest and we are available to begin work immediately. If you have any questions or require further information, please contact me at (304) 929-2632, Ext 2 or via email at jsulesky@centec-engineering.com.

Sincerely,


Joseph W. Sulesky, PE, PS

CENTEC Engineering, PLLC

Representative West Virginia Municipal Solid Waste Landfill Design Experience:

1. Client: Landfill Services of Charleston, Inc. (Waste Management)
Year: 2011
Project: Cell 9 Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for review and approval by the West Virginia Department of Environmental Protection and for use in bidding and constructing a 4.5-acre municipal solid waste disposal cell at the City of Charleston Sanitary Landfill.

2. Client: Disposal Service, Inc. (Waste Management)
Year: 2011
Project: Cell 4, Stage 3B Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for bidding and construction of a 2.8-acre municipal solid waste disposal cell at Disposal Service, Inc. (DSI) Landfill located in Hurricane, West Virginia. The construction documents were reviewed and approved by the West Virginia Department of Environmental Protection.

3. Client: LCS Services, Inc. (Waste Management)
Year: 2011
Project: Stage 3 Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for review and approval by the West Virginia Department of Environmental Protection and for use in bidding and constructing a 5.5-acre municipal solid waste disposal cell at North Mountain Sanitary Landfill located in Hedgesville, West Virginia.

4. Client: Tire and Rubber, Inc. (TRI)
Year: 2011
Project: C&D Cell 3 Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for bidding and construction of a 3.0-acre construction demolition and debris disposal cell at TRI Landfill located in Weston, West Virginia. The construction documents were reviewed and approved by the West Virginia Department of Environmental Protection.

5. Client: West Virginia Tire Disposal, Inc.
Year: 2011
Project: Phase 3, Cell 3 Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for review and approval by the West Virginia Department of Environmental Protection and for use in constructing a 3.0-acre waste tire disposal cell at West Virginia Tire Disposal's tire monofill located in Summersville, West Virginia.

6. Client: Northwestern Landfill, Inc. (Waste Management)
Year: 2012
Project: Phase S-2, Cell 1, Stage 1 Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for bidding and construction of a 7.4-acre municipal solid waste disposal cell at Northwestern Landfill located in Parkersburg, West Virginia. The construction documents were reviewed and approved by the West Virginia Department of Environmental Protection.

7. Client: Northwestern Landfill, Inc. (Waste Management)
Year: 2012
Project: Phase 1 Closure Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for review and approval by the West Virginia Department of Environmental Protection and for use in bidding and constructing a 20-acre closure cap for Northwestern Landfill located in Parkersburg, West Virginia.

8. Client: EnviroSolutions, Inc.
Year: 2013
Project: Cell 2 Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for bidding and construction of a 7.0-acre municipal solid waste disposal cell at Copper Ridge Landfill located in Capels, West Virginia. The construction documents were reviewed and approved by the West Virginia Department of Environmental Protection.

9. Client: Northwestern Landfill, Inc. (Waste Management)
Year: 2013
Project: Phase S-2, Cell 1, Stage 2 Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for review and approval by the West Virginia Department of Environmental Protection and for use in bidding and constructing a 4.2-acre municipal solid waste disposal cell for Northwestern Landfill located in Parkersburg, West Virginia.

10. Client: Tire and Rubber, Inc. (TRI)
Year: 2013
Project: Tire Cell 6 Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for the construction of a 0.9-acre waste tire disposal cell at TRI Landfill located in Weston, West Virginia. The construction documents were reviewed and approved by the West Virginia Department of Environmental Protection.

11. Client: S&S Grading, Inc. (Waste Management)
Year: 2014
Project: Phase 5B Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for bidding and construction of a 1.7-acre municipal solid waste disposal cell at S&S Landfill located in Clarksburg, West Virginia. The construction documents were reviewed and approved by the West Virginia Department of Environmental Protection.

12. Client: Meadowfill Landfill, Inc. (Waste Management)
Year: 2014
Project: Phase 7B Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for review and approval by the West Virginia Department of Environmental Protection and for use in bidding and constructing a 4.1-acre natural gas drilling waste disposal cell for Meadowfill Landfill located in Bridgeport, West Virginia.

13. Client: Meadowfill Landfill, Inc. (Waste Management)
Year: 2015
Project: Phase 9 Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for review and approval by the West Virginia Department of Environmental Protection and for use in bidding and constructing a 4.2-acre municipal solid waste disposal cell for Meadowfill Landfill located in Bridgeport, West Virginia.

14. Client: LCS Services, Inc. (Waste Management)
Year: 2015
Project: Phase 2 Closure and Stage 6 Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for review and approval by the West Virginia Department of Environmental Protection and for use in bidding and constructing a 4.5-acre closure cap and an 8.8-acre municipal solid waste disposal cell at North Mountain Sanitary Landfill located in Hedgesville, West Virginia.

15. Client: S&S Grading, Inc. (Waste Management)
Year: 2015
Project: Phase 6 Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for bidding and construction of a 2.3-acre municipal solid waste disposal cell at S&S Landfill located in Clarksburg, West Virginia. The construction documents were reviewed and approved by the West Virginia Department of Environmental Protection.
16. Client: Northwestern Landfill, Inc. (Waste Management)
Year: 2015
Project: Phase S-2, Cell 2 Design Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for review and approval by the West Virginia Department of Environmental Protection and for use in bidding and constructing a 4.9-acre municipal solid waste disposal cell for Northwestern Landfill located in Parkersburg, West Virginia.
17. Client: Meadowfill Landfill, Inc. (Waste Management)
Year: 2015
Project: Phase 10 Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for review and approval by the West Virginia Department of Environmental Protection and for use in bidding and constructing a 7.2-acre natural gas drilling waste disposal cell for Meadowfill Landfill located in Bridgeport, West Virginia.
18. Client: Landfill Services of Charleston, Inc. (Waste Management)
Year: 2016
Project: Phase 1 Closure Design, Construction Bid and Contract Documents
Description: Prepared design drawings and technical specifications for review and approval by the West Virginia Department of Environmental Protection and for use in bidding and constructing an 8.0-acre closure cap at the City of Charleston Sanitary Landfill.
19. Client: Northwestern Landfill, Inc. (Waste Management)
Year: 2016
Project: Phase S-2, Cell 3 Design Construction Bid and Contract Documents
Description: Currently preparing design drawings and technical specifications for review and approval by the West Virginia Department of Environmental Protection and for use in bidding and constructing a 4.2-acre municipal solid waste disposal cell for Northwestern Landfill located in Parkersburg, West Virginia.

20. Client: Disposal Service, Inc. (Waste Management)

Year: 2016

Project: Closure Cap, Construction Bid and Contract Documents

Description: Prepared design drawings and technical specifications for bidding and construction of a 2.8-acre closure cap at Disposal Service, Inc. (DSI) Landfill located in Hurricane, West Virginia. The construction documents were reviewed and approved by the West Virginia Department of Environmental Protection.

21. Client: Meadowfill Landfill, Inc. (Waste Management)

Year: 2016

Project: Phase 11 Design, Construction Bid and Contract Documents

Description: Currently preparing design drawings and technical specifications for review and approval by the West Virginia Department of Environmental Protection and for use in bidding and constructing a 5.1-acre municipal solid waste disposal cell for Meadowfill Landfill located in Bridgeport, West Virginia.

22. Client: Disposal Service, Inc. (Waste Management)

Year: 2016

Project: Cell 4, Stage 3A, Construction Bid and Contract Documents

Description: Currently preparing design drawings and technical specifications for bidding and construction of a 3.2-acre disposal cell at Disposal Service, Inc. (DSI) Landfill located in Hurricane, West Virginia.

CENTEC Engineering, PLLC

Representative West Virginia Municipal Solid Waste Landfill QA/QC Experience:

For the following projects, CENTEC Engineering, PLLC provided contract administration, onsite Construction Quality Assurance (CQA) and final certification to the West Virginia Department of Environmental Protection. CQA services included sampling and coordinating liner component conformance testing; onsite testing, inspection and documentation of soil liner components; inspection and documentation of geosynthetic liner components; general construction inspection and serving as the Owner's construction representative.

1. Client: Landfill Services of Charleston, Inc. (Waste Management)
Year: 2011
Project: Cell 9 Construction
Description: Provided the above-referenced services for the construction of a 4.5-acre municipal solid waste disposal cell at the City of Charleston Sanitary Landfill.
2. Client: Meadowfill Landfill, Inc. (Waste Management)
Year: 2011
Project: Phase 7 Construction
Description: Provided the above-referenced services for the construction of a 10.7-acre natural gas drilling waste disposal cell for Meadowfill Landfill located in Bridgeport, West Virginia.
3. Client: Meadowfill Landfill, Inc. (Waste Management)
Year: 2011
Project: Phase 8 Construction
Description: Provided the above-referenced services for the construction of a 2.9-acre municipal solid waste disposal cell for Meadowfill Landfill located in Bridgeport, West Virginia.
4. Client: Disposal Service, Inc. (Waste Management)
Year: 2012
Project: Cell 4, Stage 3B Construction
Description: Provided the above-referenced services for the construction of a 2.8-acre municipal solid waste disposal cell at Disposal Service, Inc. (DSI) Landfill located in Hurricane, West Virginia.

5. Client: S&S Grading, Inc. (Waste Management)
Year: 2012
Project: Phase 5A Construction
Description: Provided the above-referenced services for the construction of a 2.9-acre municipal solid waste disposal cell at S & S Landfill located in Clarksburg, West Virginia.
6. Client: Northwestern Landfill, Inc. (Waste Management)
Year: 2012
Project: Phase 1 Closure Construction
Description: Provided the above-referenced services for the construction of a 20-acre closure cap at Northwestern Landfill located in Parkersburg, West Virginia.
7. Client: Northwestern Landfill, Inc. (Waste Management)
Year: 2013
Project: Phase S-2, Cell 1, Stage 1 Construction
Description: Provided the above-referenced services for the construction of a 7.4-acre municipal solid waste disposal cell at Northwestern Landfill located in Parkersburg, West Virginia.
8. Client: Meadowfill Landfill, Inc. (Waste Management)
Year: 2014
Project: Phase 7B Construction
Description: Provided the above-referenced services for the construction of a 4.1-acre natural gas drilling waste disposal cell at Northwestern Landfill located in Bridgeport, West Virginia.
9. Client: EnviroSolutions, Inc.
Year: 2014
Project: Cell 2 Construction
Description: Provided the above-referenced services for the construction of a 7.0-acre municipal solid waste disposal cell at Copper Ridge Landfill located in Capels, West Virginia.
10. Client: Northwestern Landfill, Inc. (Waste Management)
Year: 2014
Project: Phase S-2, Cell 1, Stage 2 Construction
Description: Provided the above-referenced services for the construction of a 4.2-acre municipal solid waste disposal cell at Northwestern Landfill located in Parkersburg, West Virginia.

11. Client: S&S Grading, Inc. (Waste Management)
Year: 2015
Project: Phase 5B Construction
Description: Provided the above-referenced services for the construction of a 1.7-acre municipal solid waste disposal cell at S & S Landfill located in Clarksburg, West Virginia.

12. Client: Meadowfill Landfill, Inc. (Waste Management)
Year: 2015
Project: Phase 9 Design, Construction Bid and Contract Documents
Description: Provided the above-referenced services for the construction of a 4.2-acre municipal solid waste disposal cell for Meadowfill Landfill located in Bridgeport, West Virginia.

13. Client: Meadowfill Landfill, Inc. (Waste Management)
Year: 2015
Project: Phase 10 Construction
Description: Provided the above-referenced services for the construction of a 7.2-acre natural gas drilling waste disposal cell for Meadowfill Landfill located in Bridgeport, West Virginia.

14. Client: Northwestern Landfill, Inc. (Waste Management)
Year: 2015
Project: Phase S-2, Cell 2 Construction
Description: Provided the above-referenced services for the construction of a 4.9-acre municipal solid waste disposal cell at Northwestern Landfill located in Parkersburg, West Virginia.

15. Client: S&S Grading, Inc. (Waste Management)
Year: 2016
Project: Phase 6 Construction
Description: Provided the above-referenced services for the construction of a 1.3-acre municipal solid waste disposal cell at S & S Landfill located in Clarksburg, West Virginia.

16. Client: Tucker County Solid Waste Authority

Year: 2015-2016

Project: Cells 1 – 6 Closure Construction

Description: Provided the above-referenced services for the construction of a 20-acre closure cap at the Tucker County Landfill located in Davis, West Virginia.

17. Client: Disposal Service, Inc. (Waste Management)

Year: 2016

Project: Closure Cap Construction

Description: Currently providing the above-referenced services for the construction of a 2.8-acre closure cap cell at Disposal Service, Inc. (DSI) Landfill located in Hurricane, West Virginia.

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CONSULTANT QUALIFICATION QUESTIONNAIRE

PROJECT NAME City of Wheeling Landfill Closure Cap	DATE : November 14, 2016	FEIN 27-1522883
1. FIRM NAME CENTEC Engineering, PLLC	2. HOME OFFICE BUSINESS ADDRESS 3757 Robert C. Byrd Dr. Beckley, WV 25801	3. FORMER FIRM NAME NA
4. HOME OFFICE TELEPHONE (304)929-2632	5. ESTABLISHED (YEAR) 2010	6. TYPE OWNERSHIP Corporation (PLLC)
		6A. WV REGISTERED DBE (DISADVANTAGED BUSINESS ENTERPRISE) YES NO X

7. PRIMARY OFFICE: ADDRESS/TELEPHONE/PERSON IN CHARGE/NO. (name particular type)
PERSONNEL EACH OFFICE: 3757 Robert C. Drive Beckley, WV 25801/(304)929-2632/Joseph W. Sulesky, P.E.
One Professional Engineer, One Professional Surveyor. Two Designers, Three Survey/Field Technicians, Two Construction
Inspectors

8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM Joseph W. Sulesky, P.E., Managing Member	8a. NAME, TITLE & TELEPHONE NUMBER-OTHER PRINCIPALS NA
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9. NUMBER OF PERSONNEL BY DISCIPLINE (**Bold Lettering Indicates Minimum Design Team Members**)
Detailed Information On Team To Be Included

<u>3</u> ADMINISTRATIVE	<u> </u> ECOLOGISTS	<u> </u> LANDSCAPE	<u> </u> STRUCTURAL
<u> </u> ARCHITECTS	<u> </u> ECONOMISTS	<u> </u> ARCHITECTS	<u> </u> ENGINEERS
<u>1</u> BIOLOGIST	<u> </u> ELECTRICAL	<u> </u> MECHANICAL	<u>2</u> SURVEYORS
<u>3</u> CAD OPERATORS	<u> </u> ENGINEERS	<u> </u> ENGINEERS	<u> </u> OTHER
<u>1</u> CHEMICAL ENGINEERS	<u> </u> ENVIRONMENTALISTS	<u> </u> MINING	
<u>3</u> CIVIL ENGINEERS	<u>1</u> ESTIMATORS	<u> </u> ENGINEERS	
<u>3</u> CONSTRUCTION	<u>1</u> GEOLOGIST	<u>1</u> PHOTOGRAMMETRISTS	
<u> </u> INSPECTORS	<u> </u> HISTORIANS	<u> </u> PLANNERS:	<u>24</u> TOTAL
<u>2</u> DESIGNERS	<u>1</u> HYDROLOGISTS	<u> </u> URBAN/REGIONAL	PERSONNEL
<u> </u> DRAFTSMEN		<u> </u> SANITARY	
		<u> </u> ENGINEERS	
		<u>1</u> SOILS ENGINEERS	
		<u>1</u> SPECIFICATION	
		<u> </u> WRITERS	

TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE:
1
***RPEs other than Civil must provide supporting documentation that qualifies them to supervise and perform
this type of work.**

10. If submittal is by joint venture, list participating firms & outline specific areas of responsibility (including administrative,
technical & financial) for each firm. Each participating firm must complete a "Consultant Confidential Qualification
Questionnaire". NA

10a. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE NA YES NO

11. OUTSIDE KEY CONSULTANTS/SUB-CONSULTANTS ANTICIPATED TO BE USED.

<p>NAME AND ADDRESS: REI Consultants, Inc. 225 Industrial Park Rd. Beaver, WV 25813</p> <p>16 Commerce Drive Westover, WV 26501</p>	<p>SPECIALTY: Groundwater Monitoring, Site Assessment, Chemical and Biological Analysis</p>	<p>WORKED WITH BEFORE</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>
<p>NAME AND ADDRESS: Kedall Aerial Mapping 11211 Boyce Road Suite 3100 Pittsburgh, PA 15241</p>	<p>SPECIALTY: Aerial Mapping, Photogrammetry</p>	<p>WORKED WITH BEFORE</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>
<p>NAME AND ADDRESS: Terracon 912 Morris Street Charleston, WV 25301</p>	<p>SPECIALTY: Soils Testing, Subsurface Exploration, Geological and Hydrogeological work</p>	<p>WORKED WITH BEFORE</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>

12.A. Is your firm experienced in (Solid Waste Landfill Closure Design)?

YES Description and Number of Projects:

CENTEC Engineering, PLLC (CENTEC) performed the design of the closure of 20 acres at Northwestern Landfill in Parkersburg, WV, the closure of 8 acres of the City of Charleston Landfill, the closure of 4.5 acres of North Mountain Landfill (LCS) in Hedgesville, WV and the closure of 3 acres at Disposal Service, Inc. (DSI) Landfill in Hurricane, WV. The staff at CENTEC has performed the design for closures for parts of the Raleigh County Landfill in Beckley, WV and the Mercer County Landfill in Princeton, WV.

Total Landfill Closure Design Projects: 6

NO

B. Is your firm experienced in Solid Waste Landfill site characterization assessment and evaluation?

YES Description and Number of Projects: CENTEC's team has been involved with site characterization on several landfills including the City of Charleston Landfill in Charleston, WV, Mercer County Landfill in Princeton, WV, and Nicholas County Landfill in Calvin, WV.

NO

C. Is your firm experienced in landfill closure construction inspection?

YES Description and Number of Projects: CENTEC has performed construction inspection on the following landfill closure construction projects: Northwestern Landfill in Parkersburg, WV, S&S Landfill in Clarksburg, WV, Disposal Service, Inc. (DSI) landfill in Hurricane, WV, and Tucker County Landfill in Davis, WV. The staff at CENTEC (under other employment) has performed landfill closure construction inspection for portions of the Raleigh County Landfill, Mercer County Landfill and the City of Charleston Landfill, Area "A."

Total Number of Landfill Closure Construction Inspection Projects: 7

NO

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

YES Description and Number of Projects: CENTEC has coordinated the development of and/or provided aerial contour mapping for the following landfills in West Virginia: Northwestern Landfill in Parkersburg, WV, Meadowfill Landfill in Bridgeport, WV, S&S Landfill in Clarksburg, WV, Tucker County Landfill in Davis, WV, Mercer County Landfill in Princeton, WV, City of Charleston Landfill, Disposal Service, Inc. (DSI) Landfill in Hurricane, WV and the Nicholas County Landfill in Calvin, WV. CENTEC works with Keddall Aerial Mapping out of Pittsburgh, PA for aerial contour mapping projects.

NO

E. Is your firm experienced in evaluating ground water contamination, such as may be associated with landfills?

YES Description and Number of Projects: CENTEC's team member, REI Consultants, Inc. (REIC) has extensive experience. The WV landfills that REIC currently performs some or all monitoring and/or reporting include: City of Huntington, Copper Ridge, Mercer County, Nicholas County, Pocahontas County, Raleigh County, Tire and Rubber, Inc., and West Va. Tire Disposal, Inc. The LCAP program landfills that REIC currently performs services for include: Central WV, Don's Disposal, Fayette County, Fleming, Jackson, Kanawha Western, McDowell County, Midwest, Mingo County, Montgomery, South Charleston, Webster County and Wyoming County.

NO

F. Is your firm experienced in Landfill Closure cost estimating?

YES Description and Number of Projects: CENTEC has provided Landfill Closure cost estimating for numerous landfills in WV. These landfills are: City of Charleston Landfill, Disposal Service, Inc. (DSI) Landfill in Hurricane, WV, Nicholas County Landfill in Calvin, WV, Mercer County Landfill in Princeton, WV, Northwestern Landfill in Parkersburg, WV and North Mountain Landfill (LCS) in Hedgesville, WV.

Total Number of Landfill Closure cost estimating projects: 6

NO

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR LANDFILL CLOSURE DESIGN (describe project) (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.) Sulesky, Joseph W. Sr. Project Mgr/Managing Member	YEARS OF EXPERIENCE 29		
	YEARS OF (type) EXPERIENCE: 29 Yrs – Civil Engineering	YEARS OF (type) EXPERIENCE: 27 Yrs – Solid Waste Landfill Engineering	YEARS OF (name type) EXPERIENCE: 21 Yrs – Professional Surveyor

Brief Explanation of Responsibilities:

Joseph W. Sulesky, P.E. runs the day to day operations of CENTEC Engineering, PLLC (CENTEC). Mr. Sulesky founded CENTEC in January 2010 as a Civil Engineering firm with a specialty in Solid Waste Landfill engineering. Mr. Sulesky is personally involved in the design decisions for all solid waste landfill cell and closure designs as well as oversees the construction inspection aspects of the landfill cell and closure construction. Mr. Sulesky provides the final certification for all landfill cell and closure construction projects.

Mr. Sulesky oversees the preparation of all bid and construction documents including construction plans, specifications, bid quantities and construction cost estimating. Mr. Sulesky administers construction contracts to the degree preferred by the Owner, ranging from complete administration to pay request review and verification and quantity verification.

EDUCATION (DEGREE, YEAR, SPECIALIZATION)

B.S. in Civil Engineering, 1987, West Virginia Institute of Technology (WV Tech)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

WV Landfill Managers Association
Southwest Virginia Solid Waste Management Association
American Society of Civil Engineers

REGISTRATION (Type, Year, State)

P.E. 1994, WV P.S. 1995, WV
P.E. 1996, VA P.E. 2001, TN
P.E. 1996, SC P.E. 2001, NC
P.E. 1999, MD P.E. 2003, KY

13.a. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR LANDFILL CLOSURE DESIGN (name type of design or work) (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.) DellaMea, Christopher T. Project Manager/Lead Designer	YEARS OF EXPERIENCE 21		
	YEARS OF EXPERIENCE(name type): 9 Yrs – Structural/Civil Design	YEARS OF EXPERIENCE(name type): 1 Yr – Mining Design	YEARS OF EXPERIENCE(name type): 11 Yrs – Solid Waste Landfill Design

Brief Explanation of Responsibilities:

Christopher T. DellaMea is a project manager and the lead designer at CENTEC. Mr. DellaMea provides both cell and closure design for CENTEC's numerous WV solid waste landfill clients and is well versed in the WV Solid Waste Management Rule requirements for landfill cell and closure designs. Mr. DellaMea provides project construction quantity and cost estimating and provides office support during landfill cell and closure construction.

EDUCATION (Degree, Year, Specialization)

B.S. Parks and Conservation, 1995, Marshall University

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

REGISTRATION (Type, Year, State)

13.b. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR LANDFILL CLOSURE QA/QC (describe project) (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.) Sulesky, Joseph W. Sr. Project Mgr/Managing Member	YEARS OF EXPERIENCE 29		
	YEARS OF EXPERIENCE(name type): 29 Yrs – Civil Engineering	YEARS OF EXPERIENCE(name type): 27 Yrs – Solid Waste Landfill Engineering	YEARS OF EXPERIENCE(name type): 21 Yrs – Professional Surveyor

Brief Explanation of Responsibilities:

Joseph W. Sulesky, P.E. oversees the Quality Assurance/Quality Control (QA/QC) for all of CENTEC's solid waste landfill cell and closure construction projects. Mr. Sulesky has overseen and certified over **9 million square feet** of HDPE and LLDPE geomembrane liner and cap installation. This work has been performed on 25 separate solid waste landfills and over 50 individual projects. In conjunction with each of these projects, Mr. Sulesky prepared final certification reports for approval the associated state regulatory agencies.

EDUCATION (DEGREE, YEAR, SPECIALIZATION)

B.S. in Civil Engineering, 1987, West Virginia Institute of Technology (WV Tech)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS: WV Landfill Managers Association Southwest Virginia Solid Waste Management Association American Society of Civil Engineers	REGISTRATION (Type, Year, State) P.E. 1994, WV P.S. 1995, WV P.E. 1996, VA P.E. 2001, TN P.E. 1996, SC P.E. 2001, NC P.E. 1999, MD P.E. 2003, KY
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13.c. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR HEAVY EARTH WORK CONSTRUCTION PROJECTS (name type of design or work) (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.) Cook, Daniel B. Former Heavy Equipment Operator Current QA/QC Technician	YEARS OF EXPERIENCE 24		
	Years of Experience: (name type) 22 Yrs – Heavy earth work equipment operator	Years of Experience: (name type) 2 Yrs – Landfill QA/QC Inspector	Years of Experience: (name type)

Brief Explanation of Responsibilities
Daniel B. Cook brings 22 years' of experience as a heavy earth work equipment operator to CENTEC's QA/QC program. Mr. Cook's experience as an equipment operator is invaluable when performing landfill construction and closure QA/QC work.

EDUCATION (Degree, Year, Specialization)

High School Diploma. 1979, Woodrow Wilson High School, Beckley, WV

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
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14. PROVIDE A LIST OF SOFTWARE AND EQUIPMENT AVAILABLE IN THE PRIMARY OFFICE WHICH WILL BE USED TO COMPLETE THE CITY OF WHEELING CLOSURE CAP
1. AUTOCAD 2017
2. CARLSON SURVEY 2017
3. CARLSON CIVIL 2017
4. HYDROCAD
5. SEDCAD
6. STABL PRO 3.0
7. TOPCON GR3 GPS BASE (GPS SURVEYING)
8. TOPCON GR3 GPS ROVER (GPS SURVEYING)
9. TOPCON GPT-1003 INSTRUMENT (CONVENTIONAL SURVEYING)
10. RECON TDS DATA COLLECTOR (CONVENTIONAL SURVEYING)
11. TROXLER MODEL 3430 NUCLEAR DENSITY GAUGE (SOILS COMPACTION TEST)
12. MICROSOFT OFFICE
13. QUICKBOOKS 2017
14. VARIOUS PLOTTERS AND PRINTERS
15. 2012 FORD F-150 PICKUP TRUCK
16. 2010 TOYOTA TACOMA PICKUP TRUCK
17. 2007 JEEP WRANGLER
18. 2003 FORD RANGER
19.
20.
21.

15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNATED ENGINEER OF RECORD ASSOCIATED WITH OR RELATING TO LANDFILL CLOSURE OR CONSTRUCTION.

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE
Closure Cap & Rock Fill Closure Cap Disposal Service, Inc. (DSI) Landfill Hurricane, WV	Disposal Service, Inc. (Waste Management) P.O. Box 448 Hurricane, WV 25526	Closure Cap Design, Bid and Contract Documents, QA/QC and Final Certification	\$1,350,000	65%. Construction is underway and is expected to be completed by December 15, 2016.
Cells 1 - 6 Closure Closure Cap Tucker County Landfill Davis, WV	Tucker County Solid Waste Authority 284 Landfill Road Davis, WV 26260	QA/QC and Final Certification	\$2,900,000	99%. Currently awaiting WVDEP approval of final certification report.
Phase 2 Closure Closure Cap North Mountain Landfill Hedgesville, WV	LCS Services, Inc. (Waste Management) P.O. Box 1070 Hedgesville, WV 25427	Closure Cap Design, Bid and Contract Documents	\$1,400,000	65%. Construction is underway and is expected to be completed by December 15, 2016
Phase 1 Closure Closure Cap City of Charleston Landfill Charleston, WV	Landfill Services of Charleston, Inc. (Waste Management) P.O. Box 4514 Charleston, WV 25364	Closure Cap Design, Bid and Contract Documents, QA/QC and Final Certification	\$2,400,000	10%. Design has been approved by the WVDEP. Construction to begin late Summer 2017.
Phase 11 MSW Disposal Cell Meadowfill Landfill Bridgeport, WV	Meadowfill Landfill, Inc. Route 2, Box 68 Dawson Drive Bridgeport, WV 26330	Cell Design, Bid and Contract Documents, QA/QC and Final Certification	\$3,400,000	10%. Design is currently being reviewed by WVDEP. Construction will begin Spring of 2017
Phase S-2, Cell 3 MSW Disposal Cell Northwestern Landfill Parkersburg, WV	Northwestern Landfill, Inc. (Waste Management) 512 E. Dry Run Road Parkersburg, WV 26104	Cell Design, Bid and Contract Documents, QA/QC and Final Certification	\$2,800,000	10%. Design is currently underway and will be submitted to the WVDEP by December 15, 2016. Construction will begin Summer of 2017.
Cell 3, Stage 4A MSW Disposal Cell DSI Landfill Hurricane, WV	Disposal Service, Inc. (Waste Management) P.O. Box 448 Hurricane, WV 25526	Cell Design, Bid and Contract Documents, QA/QC and Final Certification	\$2,250,000	10%. Design is currently underway. Construction will begin Summer of 2017.
TOTAL NUMBER OF PROJECTS:			TOTAL ESTIMATED CONSTRUCTION COSTS:	
# 7			\$ 16,500,000	

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD (List 5 to 7)

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST:	YEAR	CONSTRUCTED (YES OR NO)
Phase 6 MSW Landfill Cell S&S Grading Landfill Clarksburg, WV	S&S Grading, Inc. (Waste Management) 4439 Good Hope Pike Clarksburg, WV 26301	\$1,360,000	2016	YES
Phase 9 MSW Landfill Cell Meadowfill Landfill Bridgeport, WV	Meadowfill Landfill, Inc. (Waste Management) Route 2, Box 68 Dawson Drive Bridgeport, WV 26330	\$3,100,000	2015	YES
Phase S-2, Cell 2 MSW Disposal Cell Northwestern Landfill Parkersburg, WV	Northwestern Landfill, Inc. (Waste Management) 512 E. Dry Run Road Parkersburg, WV 26104	\$1,850,000	2015	YES
Phase 5B MSW Landfill Cell S&S Grading Landfill Clarksburg, WV	S&S Grading, Inc. (Waste Management) 4439 Good Hope Pike Clarksburg, WV 26301	\$1,450,000	2015	YES
Phase 10 MSW Landfill Drill Mud Cell Meadowfill Landfill Bridgeport, WV	Meadowfill Landfill, Inc. (Waste Management) Route 2, Box 68 Dawson Drive Bridgeport, WV 26330	\$2,750,000	2015	YES
Cell 2 MSW Disposal Cell Copper Ridge Landfill Welch, WV	EnviroSolutions, Inc. 9650 Hawkins Road Manassas, VA 20109	\$3,100,000	2014	YES
Phase S-2, Cell 1B MSW Disposal Cell Northwestern Landfill Parkersburg, WV	Northwestern Landfill, Inc. (Waste Management) 512 E. Dry Run Road Parkersburg, WV 26104	\$1,900,000	2014	YES

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.

The staff at CENTEC Engineering, PLLC (CENTEC) is uniquely qualified to perform any solid waste landfill related work in West Virginia, including the work outlined for the City of Wheeling landfill project. The principal engineer and owner of CENTEC, Joseph Sulesky, P.E., P.S. has 27 years' experience working in the solid waste landfill industry in West Virginia.

The CENTEC staff has a clear understanding of the West Virginia Solid Waste Management Rule (33SCR1) and has developed an excellent working relationship with the Solid Waste Permitting Unit of the West Virginia Department of Environmental Protection (WVDEP).

Having performed the design, permitting and QA/QC work for so many of the landfills in West Virginia, the CENTEC staff has developed time-efficient and cost effective solutions to numerous challenges encountered during the design and permitting stages as well as in the middle of construction.

Currently, CENTEC is the Engineer of Record for the following solid waste landfills in West Virginia:

City of Charleston Landfill
Disposal Service, Inc. (DSI) Landfill
Northwestern Landfill
Meadowfill Landfill
S&S Landfill
Nicholas County Landfill
WV Tire Disposal Landfill
Tire and Rubber, Inc. Landfill

Copper Ridge Landfill
North Mountain Landfill (LCS)
Tucker County Landfill
Mercer County Landfill

20. The foregoing is a statement of facts

Signature: 

Title: Sr. Project Manager/Member

Printed

Name: Joseph W. Sulesky

Date: November 21, 2016

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Joseph W. Sulesky / Member
 (Name, Title)
Joseph W. Sulesky / Member
 (Printed Name and Title)
PO Box 1552 Beckley, WV 25802
 (Address)
(304) 929-2632 / (304) 929-2634
 (Phone Number) / (Fax Number)
sulesky@centec-engineering.com
 (email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

CENTEC Engineering, PLLC
 (Company)
Joseph W. Sulesky / Member
 (Authorized Signature) (Representative Name, Title)
Joseph W. Sulesky / Member
 (Printed Name and Title of Authorized Representative)
11/21/16
 (Date)
(304) 929-2632 / (304) 929-2634
 (Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, 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: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. 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.

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.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"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.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: CENTEC Engineering, PLLC

Authorized Signature: Joseph W. Sulisty Date: 11/17/16

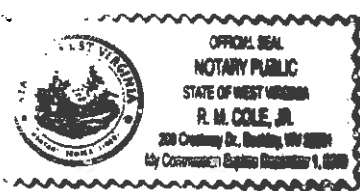
State of WEST VIRGINIA

County of RALEIGH, to-wit:

Taken, subscribed, and sworn to before me this 17TH day of NOVEMBER, 2016.

My Commission expires DECEMBER 1, 2019.

AFFIX SEAL HERE



NOTARY PUBLIC R. M. Cole, Jr.

ADDENDUM ACKNOWLEDGEMENT FORM

SOLICITATION NO.: CE01 0313 DEP1700000002

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 checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" 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.

CENTEC Engineering, PLLC
Company

Joseph W. Smith
Authorized Signature

11/21/16
Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.
Revised 6/8/2012