



Jim Doyle, Governor
Mary P. Burke, Secretary

Wisconsin Department of Commerce Bureau of PECFA

Bid Document

SECTION 1 - Scope of Work:

The Bureau of PECFA is seeking competitive bids to perform remedial action services on a petroleum release from a regulated petroleum product storage tank system. This bid is through a specified work scope. The site upon which bids are being solicited is:

Bid Round Number: 40
Comm Number: 53224-2535-10-A
BRRTS Number: 03-41-001130
Site Name: Dretzka Park
Site Address: 12010 W Bradley Rd Milwaukee WI

Project Manager: John Feeney
Project Manager address: PO Box 408 Plymouth WI 53073-0408
Project Manager phone: 920-892-8756
Project Manager e-mail address john.feeney@dnr.state.wi.us

Bid Announcement Date	11/7/2005
Questions or requests for information must be submitted in writing and received by:	11/21/2005 4:00 PM
Responses to the questions will be posted (and if requested, sent in writing) by:	12/9/2005
Bid End Date and Time:	12/23/2005 by Noon

The case file including report(s) and other pertinent information upon which bids are being sought, and the qualified bid response, when determined, are available for inspection at:

Department of Natural Resources, 1155 Pilgrim Rd, Plymouth WI

Please contact the project manager listed above for an appointment.

Copies of report(s) and other pertinent information may be available for purchase at the location listed below. If pertinent information is not available, please contact the project manager.

Action Legal-Milwaukee, 757 N Broadway, Ste 200, Milwaukee WI 53202

Phone: 414-276-2679

Fax: 414-276-1529

SECTION 2 – Site-Specific Bid Specification Requirements:

A) Project Manager Comments

1) General Comments:

Dretzka Park is a nearly 300-acre park and golf course located in the far northwestern corner of Milwaukee County. The park is part of the Milwaukee County Park System. The Dretzka Park leaking underground storage tank site is located at the park maintenance facility, which is located in the southwest quadrant of the park. In October 1990, one 2,000-gallon gasoline UST was removed from the area immediately south of the maintenance building.

Site investigation activities were conducted from November 1990 to September 1994. In 1996, a soil vapor and groundwater extraction and treatment system was installed and operated from November 1996 to October 1999. An estimated 1,000 lbs GRO and 21 lbs BTEX were recovered, according to a Milwaukee County official.

Following system shutdown, approximately 165 gallons of free product were recovered by hand-bailing monitoring wells MW-1 and MW-2 on a bi-weekly to bi-monthly basis from February 2000 through September 2004 (57 bailing events). During this time period, free product thickness ranged widely in MW-1 (0-34.8", median=0.1", mean=2.2") and MW-2 (0-24", median=4", mean=5"). , with groundwater table fluctuation ranging from 7.25 to 12 feet in year 2000 (for which we have data), and as high as 6.5 feet below land surface in May of 2002.

Soils in the contaminated area near the former tank bed are a light brown silty clay with some gravel, or a mixture of fine, sand or silty sand layers with silty or sandy clay layers to at least 16 feet below ground surface. Groundwater flow direction is predominantly towards the southeast towards several ponds and Dretzka Park Creek (approximately 1,800-2,000 feet to the southeast). Hydraulic conductivity was reported to range from 1E-2 to 1E-4 centimeters/second.

Historical, groundwater monitoring data (March 1994-February 2003) indicate that the aqueous-phase contamination plume remains within a 150 to 200-foot radius of the former UST basin.

2) The following Environmental Factor(s) were identified in the Site Investigation Report for this site:

- Documented expansion of the plume margin.
- Verified contaminant concentrations in a private or public potable well that exceeds the preventive action limit established under ch. 160, Stats..
- Contamination within bedrock or within 1 meter of bedrock.
- Petroleum product that is not in the dissolved phase is present with a thickness of .01 feet or more, and verified by more than one sampling event.
- Documented contamination discharges to a surface water or wetland.

3) Minimum Remedial Requirements:

General Summary of Scope of Work: Task 1 – install direct-push soil borings completed as small-diameter monitoring wells, Task 2 – measure free product and groundwater levels in all site wells, Task 3 – conduct free product bail-down and single-well pump tests, Task 4 – conduct one round of groundwater quality monitoring, and Task 5 – submit documentation and reports. The purpose of the bid scope of work is to delineate and evaluate the residual free product before developing and implementing a final remediation plan to achieve site closure.

TASK 1: Direct-Push Soil Borings / Small-Diameter Well Installation

- Using direct-push methods, sample 12 soil borings to evaluate the extent, thickness, and mobility of gasoline free product near the former UST basin (see **Figure 1** for the general boring locations). For bidding purposes assume the borings will extend to 18 feet bgs.
- All of the soil borings will be continuously sampled from the surface downward, field-screened for volatile contamination, and documented on borehole log forms. Record detailed observations regarding the presence and apparent thickness of the free product interval.

Collect one soil sample from each boring for laboratory analysis of petroleum volatile organic compounds (PVOCs) and naphthalene. The laboratory sample will be collected from the zone of highest obvious contamination (typically the water table smear zone).

- Install a small-diameter (1-inch I.D.) pre-packed well into each direct-push boring (12 wells total). The well must be screened across the water table with enough screen length (e.g., 15 feet) to account for groundwater level fluctuation, and must have a hydrophobic filter pack that is designed to promote the inflow of free product. Please refer to documents EPA/540/S-95/500 (page 16), and EPA 510-R-96-001 (page IV-15) for information on appropriate filter packs for free product monitoring wells.
- Complete boring logs, well construction diagrams, and well development forms for all newly constructed wells. Installation and development of the wells must comply with ch. NR 141, Wis. Adm. Code.
- Survey the ground surface and measuring point elevations for all the new small-diameter and existing site monitoring wells. The new wells also must be accurately located relative to the existing monitoring wells, any of which can be used as the datum for the survey. Prepare revised site maps to show accurate well locations.

TASK 2: Free Product Measurement

- Measure both free product and groundwater surface elevations in all site wells every month for six months. Tabulate the depth to and elevation of the groundwater and free product, the amount of product in each well (inches), and the date. Measure the free-product with an interface probe, not a bailer.
- Prepare a contour map showing the free product thickness and distribution for each round of measurements.

TASK 3: Free Product Bail-Down and Single-Well Pump Tests

- Conduct a free product bail-down test on existing monitoring well MW-2 and/or MW-1, depending upon which well (or both) contains a suitable volume of free product for the test (e.g., >0.5 feet). Historically, MW-2 has exhibited thickest accumulations of free product over the last 2-3 years, and is likely the best candidate for bail-down testing.
- Conduct a free product single-well pump test on existing monitoring well MW-2 and/or MW-1. Because this test will draw down the groundwater table and promote mobilization of free product, the test can be conducted on a monitoring well with little or no observable free product at the start of the test.
- Please refer to document EPA 510-R-96-001 (pages IV-27 through IV-35) for information on free product bail-down and single-well pump testing and data evaluation methods. The winning bidder will be required to submit a detailed work plan for conducting the bail-down and single-well pump tests and presenting (e.g., data tables, graphs) and analyzing the data. The work plan will include unit costs for free product and wastewater disposal.

TASK 4: Groundwater Quality Monitoring

- Conduct one (1) round of groundwater monitoring and analyze the groundwater samples for PVOCs and naphthalene.
- Prepare a water table map showing groundwater flow.

TASK 5: Reporting

- Prepare a concise and comprehensive report documenting the above activities. Results from this report will be used to develop and implement a final remediation plan to achieve site closure.

The report will include groundwater elevation and flow maps; contour maps and cross-sections depicting the stratigraphy of the site and the residual free product plume; isoconcentration maps of residual soil and groundwater contamination; updated tables that effectively present the soil and groundwater contamination data; and all appropriate and required field forms, laboratory reports, etc., required under NR 716.15.

- Provide documentation of proper disposal of all wastes from all activities conducted under this bid scope.
- The report must be submitted to the WDNR (copy to Commerce) no later than ten (10) months after a contract has been executed between the site owner (or responsible party) and the company contracted to conduct the bid scope of work.

B) Bidder's Strategy for Remedial Action

- 1) Identify the remedial strategy for a specified work scope.
- 2) Specifically describe what element of your proposed strategy will address the environmental factors/risk factors listed above. Also describe how, when, and why it will address them.
- 3) Provide a detailed description of the work to be performed. The description shall provide sufficient detail to establish that the proposed strategy will be successful in achieving a specified work scope identified above.

a) The detailed description may include, but is not limited to the following:

- Technologies
- Estimated years of operation
- Estimated tons of soil
- Approximate geometry/depth of excavation
- Reporting details
- Estimated years of monitoring
- Frequency of sampling/number of wells/parameters

4) Specifically describe how you will address off-site contamination, if applicable.

5) Specifically describe how you will address any direct contact hazards, if applicable.

SECTION 3 - Conditions of Bid:

The successful bidder will be the entity that complies with all provisions of the bid specification and provides the lowest total cost, excluding interest and claim preparation costs, for the site-specific bid specification requirements described in Section 2. PECFA funding under s. 101.143, Stats., will terminate when the responsible agency determines that institutional controls and notices, if utilized, would achieve a closed remedial status. PECFA funding will terminate regardless of whether the responsible party or other properties accept an institutional control and notices as required under §NR 726 Wis. Admin. Code. In preparing the bid, the bidder must assume compliance with all applicable codes, including but not limited to §Comm 46, §Comm 47, and §NR 700 Wis. Admin. Codes.

The successful bidder will be determined based upon conformance to and competitiveness under the bid protocol. The first determination will be whether the bidder has complied with all provisions of the bid. These bids will be considered responsive. From the responsive bids, the lowest total cost bid with an approvable approach to a specified work scope will be determined. Claim preparation costs will not be a part of the cost cap established by this bid. These costs (\$500 maximum per claim submittal) are still eligible for PECFA reimbursement and Commerce encourages timely claim submittals at appropriate milestones. Therefore, bidding consultants should not include claim preparation costs in their bid responses.

The successful bid will be available to be viewed at the location identified in Section 1. If two or more bidders tie in the cost comparison, the bid with the lowest consulting cost will be used as the tiebreaker. All bid documents must be signed and sealed by a Professional Engineer, Professional Geologist, Hydrologist or Soil Scientist licensed by the State of Wisconsin Department of Regulation and Licensing.

The Department reserves the right to reject any and all bids that meet any of the following conditions:

- The Department believes the remedial strategy is not appropriate to a specific geologic setting.
- From the standpoint of program operations or regulatory responsibility, the Department determines it is in the best interest of the program to not accept any or all bids.

Any proposed technology or methods used in the remediation must be allowed for use in the State of Wisconsin and approvable by the Department with jurisdiction (Natural Resources or Commerce).

The name of the successful bidder, bid amount, proposed outcome and supporting documentation will be provided to the site claimant along with instructions to inform the PECFA program in writing of their intent to either:

- Use the lowest identified bidder or
- Use another service provider.

In either case, PECFA reimbursement is capped at the dollar amount of the successful bid.

A successful bid does not mean or guarantee that all costs in a resultant claim are eligible, reasonable, necessary or reimbursable under the PECFA program.

If a bidder fails to comply with a bid provision the bid response will be determined to be non-responsive. If the bid response is responsive, but not the lowest cost service provider with an appropriate approach, it will be determined to be “non-successful.” Non-responsive and non-successful bidders will not be individually informed of their failure to achieve compliance with the bid specifications or to be the lowest bidder.

The successful bidder may be required to provide input to, and attend a meeting with the PECFA program and the claimant to explain the bid and the remedial approach.

Appeals, by bidders, of decisions regarding complying bids or costs are not allowed, as they do not constitute claimant reimbursement decisions under the PECFA program.

In compliance with this invitation to bid and subject to all conditions thereof, the signatory agrees to the following:

- If the signatory’s bid is determined to be successful, the signatory must, within 15 days of the Department’s notification, contact the claimant and confirm that they will provide the remedial services at the cost described within the Bid Response.
- That for a period of 90 days, starting with the Department’s notification to the claimant, the signatory will hold firm their commitment to provide the remedial services and prices set forth in the Bid Response.

Failure to abide with the conditions stated above may result in exclusion from future PECFA Public Bidding events.

Questions, answers and interpretations will be considered an amendment of this solicitation. All answers and interpretations shall be in writing from the Program Manager identified in Section 1 of this solicitation. Neither the program nor the Department shall be legally bound by any amendments or interpretations that are not in writing. Bidders are not to contact other personnel located within the Department of Commerce/Bureau of PECFA concerning the site or the bid solicitation between the Bid Announcement Date and Bid Ending Date. After the date by which questions must be submitted by, identified in Section 1, no further questions will be addressed.

A written response will be provided at: <http://www.commerce.state.wi.us/ER/ER-PECFA-SiteBidding.html> (and mailed to all requesters of the bid package who are not

able to access the web site, and who therefore request written correspondence from the program contact).

SECTION 4 - Closure Specifications – If Applicable:

A bid submitted must provide the total cost, excluding interest but including all closure costs, for the remediation up to approval as a closed remedial action status identified below:

Unrestricted Closure	Performance based NR 720.19 closure
Closure with a NR 140 exemption	Closure with site-specific conditions
Closure with GIS Registry*	Closure under NR 726.07
Closure with deed notice*	Closure under Comm 46/NR 746
Closure with deed restriction*	Mass reduction
Closure with NR 720.19 soil standards	

* **Note:** *PECFA funding under s. 101.143, Stats., will terminate when the responsible agency determines that institutional controls and notices, if utilized, would achieve a closed remedial status. PECFA funding will terminate regardless of whether the responsible party or other properties accept an institutional controls and notices as required under NR 726. PECFA eligible costs may include all closure costs, up to approval as a closed remedial action (i.e. monitoring well abandonment) that are otherwise eligible for reimbursement.*

If the PECFA maximum award for the site/occurrence is not believed to be adequate to remediate the site/occurrence to a closed or no further remedial action status, that belief must be specifically noted in the bid and the remedial effort that will be achieved by the bid amount. For the purpose of the competitive bid the contaminant mass is determined to be 1,000 to 7,000 gallons of free product. The basis for specifying the progress shall be contaminant mass reduction and be based upon the mass reduction at the following points on the site:

MW1, MW2

If the site is reasonably expected to exceed its cap under the PECFA program, bidders may propose mass reduction, the lowest bidder will be determined on the basis of a cost per mass reduction ratio. If some bidders propose mass reduction and others propose costs to bring the site to a closed remedial action or no further action status, selection will be from those bidders proposing a closed or no further action result.

SECTION 5 - Instructions to Bidders:

By submission of a bid, bidder agrees that during the period following issuance of this solicitation and prior to notification of successful bidder, bidders shall not discuss the bid or bid process except with the program contact designated in this solicitation. Bidders shall not discuss or attempt to negotiate with the claimant, other potential bidders or program staff any aspects of the bid without prior approval of the Project Manager specified. Infractions will result in rejection of the violator's bid and may also result in disqualification of the individual to provide bids and a formal complaint being lodged with the Department of Regulation and Licensing.

The bid submitted shall address all the site specific bid specification requirements identified in Section 2. The bid shall support in detail the strategy to achieve a specified work scope, or remedial mass reduction goal if applicable. A full remedial action plan is

not required as part of the bid submittal. A full remedial action plan may be requested by the program.

If access to the site is necessary for the preparation of a bid, access shall be arranged through the Project Manager. If the Project Manager is not able to arrange site access, this fact will not delay the bid process or negate the comparison and potential selection from among the bids that are submitted. All costs associated with a site visit or preparation of a bid will be the responsibility of the bidder.

The Bid Process must conform to the following:

1. If applicable, the closed remedial or no further action status to be achieved must be stated using the options available from the list provided in Section 4.
2. Indicate in the Bid Response a contaminant mass reduction proposal if the PECFA maximum award is not believed to be adequate to remediate the site/occurrence.
3. The Bid Response shall address all the site specific bid specification requirements identified in Section 2 and shall support in sufficient detail and succinctly the remedial strategy.
4. The total cost (in dollars) to accomplish the stated remedial goal, including all fees, reporting cost, pre and post closure costs and costs for establishing restrictions or institutional controls but, excluding claim preparation costs, interest, and investigation costs.
5. The costs specified in #4 shall separately identify consulting (non-commodity) costs.
6. The submittal must include an original and two (2) copies of the Bid Response documents signed and sealed by a Professional Engineer, Professional Geologist, Hydrologist or Soil Scientist licensed by the State of Wisconsin. Include the appropriate registration number of the professional license.
7. Bids can not be "faxed" directly to the program. Documents received by fax will not be accepted or considered.
8. Bids, amendments thereto or withdrawal requests must be received by the time advertised for bid opening. It is the bidder's sole responsibility to insure that these documents are received by the contact at the time indicated in this solicitation document.
9. All specifications or descriptive papers provided with the bid submission must include the bidder's telephone number and Commerce number thereon. Identify the name of the consulting firm on the 1st Page of the Bid Response.
10. The Commerce Number must be on the outside of the envelope in which the bid is submitted. The Department assumes no responsibility for unmarked or improperly marked envelopes. All envelopes received showing a bid number will be placed directly under locked security until the date and time of opening. Include only one Bid Response (an original and two (2) copies) per envelope.
11. Correction of errors on the bid form: All prices and notations shall be printed in ink, typewritten or computer printed. Errors shall be crossed out, corrections entered and initialed by the person signing the bid. Erasures or use of correction

- fluid will be cause for rejection. No bid shall be altered or amended after the time specified for the bid end date.
12. Bidders are not to contact other personnel located within the Department of Commerce/Bureau of PECFA concerning the site or the bid solicitation between the Bid Announcement Date and Bid Ending Date.
 13. Any proposed technology or methods used in the remediation must be allowed for use in the State of Wisconsin and approvable by the Department with jurisdiction (Natural Resources or Commerce).
 14. From the standpoint of program operations or regulatory responsibility, the Department determines it is in the best interest of the program to not accept any or all bids.
 15. If bidders consider the bid response to be proprietary information and exempt from disclosure, each part of the Bid Response must clearly marked *CONFIDENTIAL*. If any part is designated as confidential, there must be attached to that part an explanation of how the information is proprietary. The Department reserves the right to determine whether this information should be exempt from disclosure and no legal action may be brought against the State, Department or its agents for its determination in this regard.
 16. The Bid Response must be appropriate to the site geologic setting.
 17. Ambiguous bids, which are uncertain as to cost, time or compliance with this solicitation, will be rejected.
 18. The Department reserves the right to reject any and all bids, and/or to cancel this solicitation at any time.
 19. Each bidder shall fully acquaint itself with conditions relating to the scope and restrictions attending the execution of the work under the conditions of this solicitation. The failure or omission of a bidder to acquaint themselves with existing documented conditions shall in no way relieve any obligation with respect to this bid.
 20. All amendments to and interpretations of this solicitation shall be in writing from the Project Manager. Neither the Department nor the program shall be legally bound by any amendment or interpretation that is not in writing.
 21. This solicitation is intended to promote competition. If the language, specifications, terms and conditions, or any combination thereof restricts or limits the requirements in this solicitation to a single source, it shall be the responsibility of the interested bidders to notify the program in writing so as to be received five days prior to the opening date. The solicitation may or may not be changed but a review of such notification will be made prior to award.

BID RESPONSE
(1st Page)

Department of Commerce PECFA Program

SITE NAME: Dretzka Park
COMMERCE NUMBER: 53224-2535-10
BRRTS NUMBER: 03-41-001130

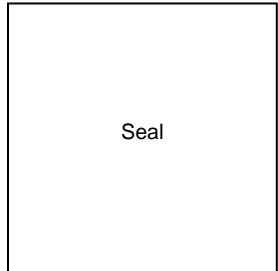
Submit Bid To: Cathy Voges
Department of Commerce PECFA Program
201 W Washington Ave, Madison WI 53703-2790 or
P.O. Box 8044, Madison WI 53708-8044

Bidder Company: _____
Bidder Address: _____

Telephone: () - _____
Fax Number: () - _____
e-mail Address: _____

Bidder: (check one that applies):

_____ Professional Engineer _____ License #
_____ Professional Geologist _____ License #
_____ Hydrologist _____ License #
_____ Soil Scientist _____ License #



Signature: _____

I certify that I have the authority to commit my organization or firm to the performance of the bid I have submitted.

Print Name: _____

Title: _____

Total Bid Cost \$ _____

Total Consulting Cost (subpart of Total Bid) \$ _____

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1)(m)].

BID RESPONSE

(2nd Page)

Department of Commerce PECFA Program

SITE NAME: Dretzka Park
COMMERCE NUMBER: 53224-2535-10
BRRTS NUMBER: 03-41-001130

Consulting Firm phone number () ____-_____

This response must address all of the site-specific specifications identified in Section 2, and shall support in detail the remedial strategy. Attach additional pages if necessary. *The Commerce Number and Consulting Firm telephone number must be included on all additional pages.* The pages of each Bid Response must be **stapled** together. No paper clips or spiral bindings please.