



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:** 38  
**Comm Number:** 53402-2710-17-A  
**BRRTS Number:** 03-52-000200  
**Site Name:** Statewide Auto Service  
**Site Address:** 4517 Douglas Ave Racine WI

**Project Manager:** Shanna Laube  
**Project Manager address:** 9531 Rayne Rd Suite 4 Sturtevant WI 53177  
**Project Manager phone:** 262-884-2341  
**Project Manager e-mail address** [shanna.laube@dnr.state.wi.us](mailto:shanna.laube@dnr.state.wi.us)

<b>Bid Announcement Date</b>	<b>7/5/2005</b>
<b>Questions or requests for information must be submitted in writing and received by:</b>	<b>7/18/2005 4:00 PM</b>
<b>Responses to the questions will be posted (and if requested, sent in writing) by:</b>	<b>8/5/2005</b>
<b>Bid End Date and Time:</b>	<b>8/19/2005 by Noon</b>

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, 9531 Rayne Rd Suite 4, Sturtevant 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:

The site is a former gasoline station located at 4517 Douglas Ave., in a commercial-residential area in the City of Racine. The station stopped dispensing gasoline permanently after two (4,000- and 6,000-gallon) underground storage tanks (USTs) were removed in 1989 and is currently an automotive service and repair garage. One 1,000-gallon fuel oil UST was removed in April 2001. The property has an approximate area of 8,500 square feet with an approximately 2,000 square foot building in the center of the property. A gravel parking lot comprises the remainder of the site.

On the west side of the site, native soils consist of silty clay from the surface to 4 to 8 feet below ground surface (bgs), overlying fine to medium sand, silty sand, and/or sandy silt to a depth of approximately 15 feet bgs, where dolomite bedrock is encountered. On the eastern one-third of the site, silty clay occurs to the bedrock surface at approximately 11 feet bgs. The remedial excavations were reportedly backfilled with silty clay with sand and gravel. Depth to groundwater ranges from 6 to 10 feet bgs, and reported groundwater flow direction has been to the north to northeast.

Between July 1989 and December 1996, site investigation and remedial actions were performed. In July 1989, 575 cubic yards of soil were excavated to approximately 13 feet bgs, during removal of the USTs and associated system equipment. In 1992, an on-site vapor and groundwater extraction and treatment/discharge system comprised of a collection trench and sump was installed. The remedial system was shut down and dismantled in the mid to late 1990's.

In May 1996, free product was identified in temporary wells inside the building. Four recovery wells were installed, two within (RW-3 and RW-4) and two outside (RW-1 and RW-2) the building, to collect free product. In June 1998, a maximum free product thickness of 14 inches was measured in RW-4, but was an inch or less in the other recovery wells. (It should be noted that when free-product was measured with both a clear bailer and an interface probe, the probe-measured thickness was on average 4.5 times thicker, indicating that the free product is weathered and/or emulsified.)

From October 1999 to August 2002, approximately nine gallons of residual free product were recovered from RW-2 through RW-4 using passive skimmers and sorbant socks. By 2002, free product thickness ranged from 0.5-4.5 inches in RW-4 to 0.08-0.25 inches in RW-2, using a bailer. Most recently, free product thickness has ranged from 0.06-0.33 inches in late 2004 to less than 0.01 feet in early 2005, using an interface probe.

On April 1, 2005, a feasibility test for vacuum enhanced recovery of free-product was performed and found to not be the most effective remedy for this site.

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 three (3) shallow groundwater monitoring wells, Task 2 -- conduct one (1) year of quarterly groundwater natural attenuation monitoring, Task 3 – conduct a utility vapor survey, and Task 4 – submit documentation and reports. The bid is not a cost to closure, unless closure is attainable during the timeframe of the prescribed scope of work. If at the end of one year additional groundwater monitoring is required, a cost estimate for the additional monitoring will be required. Based on the cost estimate, the additional work would be approved or redirected through the public bid process.

**TASK 1: Groundwater Monitoring Well Installation (4 wells)**

- Replace one (1) previously abandoned monitoring wells: MW-11R, near the former USTs location within the remediation excavation. Because the original well was removed during widening of Douglas Ave., the replacement costs are eligible for PECFA reimbursement.
- Install one new monitoring well, MW-12, on the north side of Ellis Ave. directly north of the existing building/RW-2 to evaluate the downgradient extend of residual groundwater contamination. The well replaces MW-9, which was lost or destroyed.
- Install one new monitoring well, MW-13, in front of the building (preferably within the road right-of-way) on the property to the south of the Statewide Auto property to evaluate groundwater flow and upgradient groundwater quality.
- The MW-12 and MW-13 soil borings will be continuously sampled from the surface downward and field-screened for volatile contamination. Collect at least two soil samples from each boring for laboratory analysis of petroleum volatile organic compounds (PVOC) plus naphthalene. The laboratory samples will be collected from 1) the zone of highest obvious contamination (typically the water table smear zone) and 2) the bottom of the soil boring.
- 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. Soils must be characterized and field screened for volatile contamination throughout the entire length of the borings.

- All monitoring and recovery well ground surface and measuring point elevations must be surveyed and the new wells must be accurately located relative to the remaining site monitoring wells, MW-6 through MW-8. Any of the existing wells can be used as the benchmark for surveying the new wells and the other remaining wells. Prepare revised site maps to show accurate well locations.

### **TASK 2: Groundwater Natural Attenuation Monitoring**

- Four (4) quarterly rounds of groundwater monitoring will be conducted.
- Following development, sample the replacement (MW-11R) and new (MW-12 and MW-13) wells, as well as the existing wells (MW-6 through MW-8) for laboratory analysis of PVOC with methyl tertiary butyl ether (MtBE) and naphthalene.
- Sample RW-3 and RW-4 (4-inch diameter wells) for laboratory analysis of PVOCs with MtBE and naphthalene. If free-product is present in a well, purge the well and collect a sample that is visibly free of free-product and submit for laboratory analysis. The results will be used to evaluate fuel-water partitioning characteristics (i.e., the degree that the residual product constituents are dissolving into groundwater).
- Measure the groundwater level in each and every well at the site whether the well is sampled or not. If a monitoring well contains measurable free-product, record both the product and groundwater level in the well.
- Determine groundwater flow direction for each groundwater sampling event. It appears that groundwater flow may have been impacted by the recovery system formerly installed on site, and to determine the degree and extent of the residual groundwater plume, the flow direction must be adequately assessed.

### **TASK 3: Utility Vapor Survey**

- Collect one round of vapor measurements from the manholes along Douglas and Ellis Avenues using appropriate field monitoring equipment (e.g., photo-ionization detector).

### **TASK 4: Reporting**

- Submit all reports to the DNR and copies to Commerce.
- Upon completion of Tasks 1, 2 (first round of sampling completed), and 3, provide a brief report documenting the additional work completed and including all pertinent and required field forms, maps, tables, laboratory reports, etc., required under NR 716.15. The report will be reviewed to determine if additional drilling, sampling, and monitoring well installation (not part of this bid specification) will be required before the continuation of natural attenuation monitoring.
- Submit a copy of the groundwater results after sampling rounds 2 and 3.
- Upon completion of Tasks 2 (all sampling rounds completed), provide a comprehensive (final) report that documents the data results and work activities completed in accordance with this bid. Include all appropriate and required field forms, maps, tables, laboratory reports, waste disposal documentation, etc. Include all historical soil and groundwater data on one set of tables.

Evaluate all data to determine if the site meets the requirements for closure or additional groundwater monitoring is necessary.

- Provide documentation of proper disposal of all wastes from all activities conducted under this bid scope.
- In the event that closure can be attained following completion of the above work scope, please provide a total cost to final closure, including, but not limited to, closure report/GIS Registry packet preparation and well abandonment. Do not include WDNR fees (e.g., closure review, GIS Registry) and PECFA claim fee in the closure cost.
- The final report must be submitted no later than 14 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.
- Provide a separate breakdown of consulting and contractor costs for each task of additional work as an attachment(s) to the bid response, but present the total consultant and contractor costs on the 1st page of the bid response.

### **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:

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

\* **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: **Not Applicable**. 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:

Not Applicable

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 1<sup>st</sup> 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**  
**(1<sup>st</sup> Page)**

Department of Commerce PECFA Program

**SITE NAME:** Statewide Auto Service  
**COMMERCE NUMBER:** 53402-2710-17  
**BRRTS NUMBER:** 03-52-000200

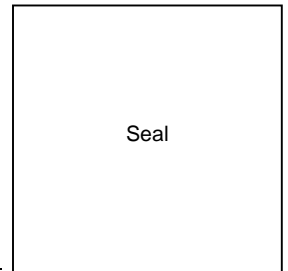
Submit Bid To: Cathy Voges  
Department of Commerce PECFA Program  
201 W Washington Ave, Madison WI 53703-2790 or  
P.O. Box 8044, Madison WI 53708-8044

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**

**(2<sup>nd</sup> Page)**

Department of Commerce PECFA Program

**SITE NAME:** Statewide Auto Service  
**COMMERCE NUMBER:** 53402-2710-17  
**BRRTS NUMBER:** 03-52-000200

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.