



REQUEST FOR BIDS

Permeable Reactive Barrier Installation

REQUEST NUMBER: 2418

DUE DATE: August 22, 2024

DUE TIME: 2:00 pm (local)

Contents

INTRODUCTION	2
SOLICITATION AND PROJECT SCHEDULE	2
MANDATORY ON-SITE CONFERENCE.....	2
WORK SCOPE	3
REQUESTS FOR INFORMATION.....	7
CONSTRUCTION.....	7
BID SUBMISSION	7
TERMS AND CONDITIONS	8
MICHIGAN FREEDOM OF INFORMATION ACT	10
EVALUATION, STATUS UPDATES/AWARD NOTIFICATION	10
EXHIBITS	12
Exhibit A – Bid Form	12

INTRODUCTION

The Gerald R. Ford International Airport Authority (GFIAA) is requesting bids for construction services to install a temporary Permeable Reactive Barrier (PRB) as part of a stormwater treatability field pilot test. The PRB will consist of a series of gabions filled with adsorbent media installed in a stormwater channel at the location shown in Figure 1. Installation will include site preparation, safe handling of existing materials as approved in advance, preparation and placement of gabions, and restoration of the construction area to its pre-construction condition.

The Gerald R. Ford International Airport is the second busiest airport in Michigan, serving business and leisure travelers with nonstop and connecting flights on six airlines. The Ford Airport is managed and operated by the Gerald R. Ford International Airport Authority.

This solicitation will be publicly opened at the Gerald R Ford International Airport Authority, located on the second floor of the Gerald R Ford International Airport Terminal Building at 5500 44th St SE, Grand Rapids, MI, 49512. All submissions will be sealed until the date and time specified, at which time they will be opened and read aloud.

SOLICITATION AND PROJECT SCHEDULE

ACTIVITY	DATE
RFP Issue Date	August 1, 2024
Question Deadline	August 15, 2024
Submission Due Date	August 22, 2024 at 2 pm
Project Start Date	Est. Late Spring 2025

GFIAA reserves the right to modify the deadline set forth in the above table in its sole discretion. Any such modifications will be stated in an addendum.

MANDATORY ON-SITE CONFERENCE

CONFERENCE DETAILS	
Conference Date	August 8, 2024
Conference Time (local)	11 am
Conference Location	International Room B, 1st floor of the airport terminal building, 5500 44th St. SE, Grand Rapids, MI 49512

A pre-submission conference is scheduled for this request. Equal opportunity will be provided for all Respondents to ask questions.

NOTICE: Attendance is mandatory. Attendees should arrive a minimum of five (5) minutes before the scheduled date and time. Attendees will not be allowed to sign in after the conference has commenced. If a firm representative does not sign in prior to the scheduled pre-submission conference, their firm will not be considered.

Attendees requiring special services are asked to provide their requirements to the GFIAA at least forty-eight (48) hours in advance to allow for accommodations.

WORK SCOPE



Figure 1. Location of Stormwater Treatability Field Pilot Test and PRB Installation.

The specific scope of work and elements to be included in the bid are as follows:

1. Remove existing stone rip rap (approximately 30 yd³) and stage rip rap adjacent to the drainage channel. Figures 2 and 3 show the simplified channel cross section in plan and profile. Figure 4 shows the drainage channel and location of PRB installation.
2. Grade bottom and side slopes of drainage channel as needed to allow placement of geotextile fabric (see item 4 for example material) without damaging geotextile.

3. Prepare drainage channel by placing and anchoring geotextile fabric along the exposed ground surface. Assume area to be covered with geotextile fabric will be 40' x 9' (L x W).
4. Prepare up to twelve (12) 3' x 3' x 6' (L x W x H) gabion baskets. Gabions to be supplied by the contractor and equivalent to the example shown here: <https://gabionsupply.com/wp-content/uploads/2020/04/DURA-WELD-9g-SUBMITTAL.pdf>. Each gabion basket will be lined with permeable landscaping fabric prior to filling the gabion with the adsorbent media. Example material follows, equivalent materials will be accepted: <https://www.homedepot.com/p/VEVOR-Driveway-Fabric-3-ft-x-100-ft-Non-Woven-Geotextile-Fabric-for-Landscaping-Heavy-Duty-Garden-Weed-Barrier-Fabric-4OZ-WFB3100FT40AK4PNFV0/330424404?source=shoppingads&locale=en-US&srsId=AfmBOopl5TOlqHPxXOHZ2TX4qhtpMEun5MGKmRMJXF1dMpt3C62WtuU3OYw>
5. Fill gabion baskets with adsorbent media. The specific adsorbent media is to be identified by GFIAA upon completion of lab testing that is currently underway and will be of gravel-like consistency. The material will be ordered by the contractor and is to be delivered to the site in super sacks.
6. Place prepared baskets onto geotextile liner in channel.
7. Backfill with rip rap removed from channel. Rip rap is to be placed on the upstream and downstream sides of the PRB as directed by GFIAA staff.
8. Restore channel side slopes to prevent erosion.
9. Return to site approximately ten (10) months after installation to remove gabions following the testing period. Transfer gabions to impacted soil storage area on Airport property shown in Figure 5 (see item 9), replace rip rap in channel, and restore slopes to pre-construction condition. Removal date to be outside of winter operations and to be approved by GFIAA.
10. Empty media from gabions and place as directed by GFIAA staff. Filter fabric and gabion material will be appropriately disposed of by contractor. Gabion material can be recycled and filter fabric can be disposed of as solid waste.

GFIAA will assign engineering staff to coordinate and oversee access and construction activities.

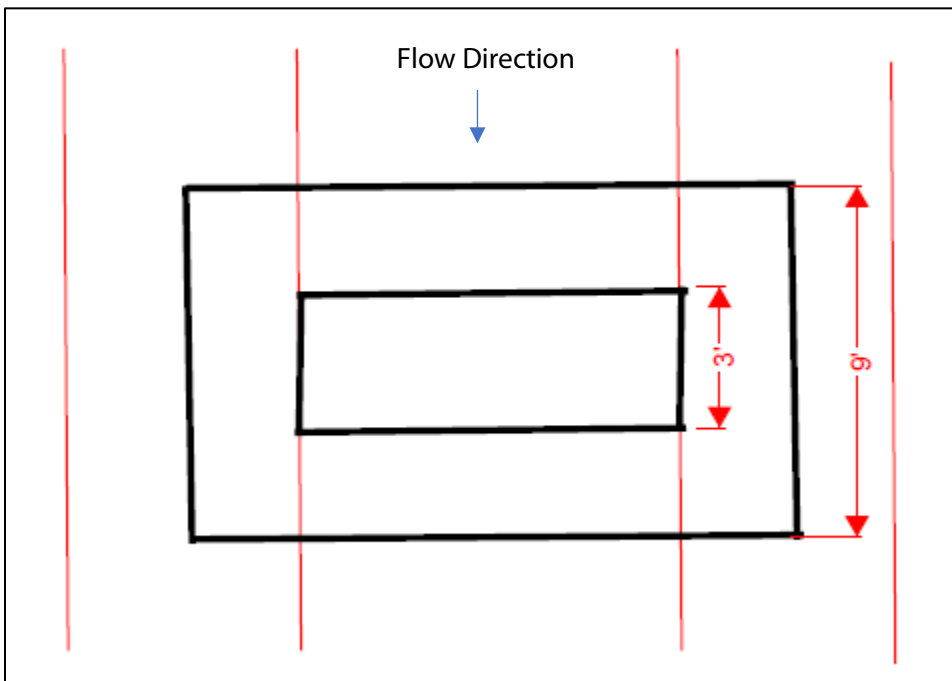


Figure 2. Drainage Channel Cross Section – Plan View.

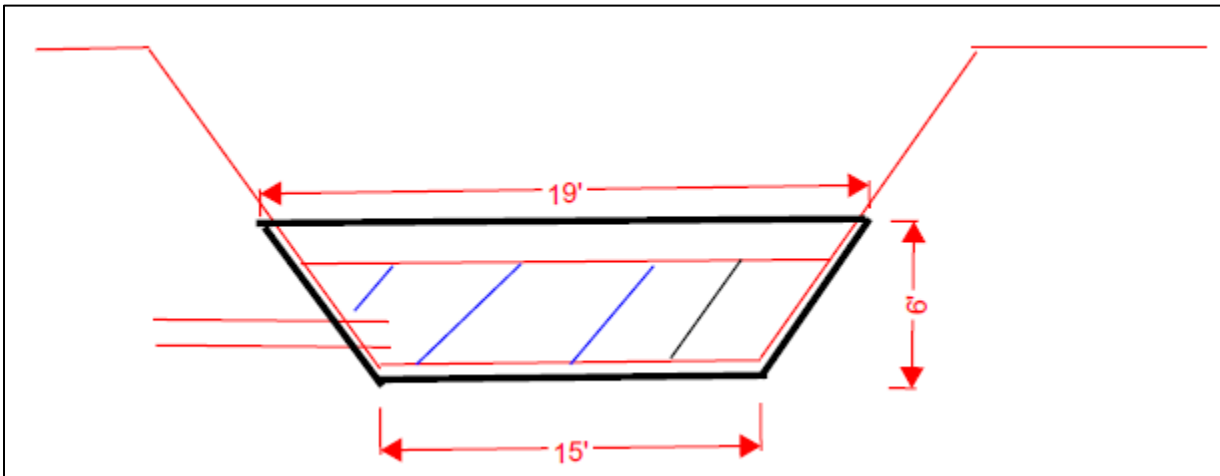


Figure 3. Drainage Channel Cross Section – Profile View.



Figure 4. Drainage Channel and Location of PRB Placement.



Figure 5. Airport Location for Transfer and Emptying of Gabions.

REQUESTS FOR INFORMATION

Questions regarding this solicitation are to be submitted in writing to purchasing@grr.org prior to 2 p.m. on August 15, 2024.

GFIAA reserves the right to publish and respond to an inquiry, respond directly to the inquirer without publishing or not respond to the inquiry at its sole discretion. Unless otherwise indicated, all questions will be compiled into one document and answers will be issued as a Questions & Answers document within 4 days after the question deadline.

It is the firm's responsibility to become familiar with and fully informed regarding the terms, conditions, and specifications of this solicitation. Lack of understanding or misinterpretation of any portions of this solicitation shall not be cause for withdrawal after opening or for subsequent protest of award.

Addendums will only be published by the GFIAA Purchasing Department and available for review at www.grr.org.

CONSTRUCTION

All work is to be done in a first-class workmanlike manner. All debris (packing materials, replaced materials, etc.) are to be cleaned up and removed by the workers.

The successful Respondent is responsible for obtaining all necessary permits and licenses so the completed work complies with all applicable codes, ordinances, regulations, standards, and laws. The cost of such permits and licenses is understood to be a part of the bid price. Any fines, fees, or other costs taxed or charged to Kent County because of the successful bidder's violation(s) of any laws, standards, etc. will be paid by the successful bidder.

Dimensions furnished are for general reference only. Respondents must take their own measurements as necessary for preparing their response.

All materials are to be new, not refurbished, and free from corrosion, scratches, or other such defects which present other than a new appearance.

BID SUBMISSION

Responses may be delivered physically or electronically. To be considered, complete submissions must be received prior to the due date and time specified (local time).

- Hard copy responses can be mailed or otherwise delivered to the address below.

Submission address:

Attn: AJ Nye, Procurement Specialist
Gerald R Ford International Airport Authority
5500 44th St SE
Grand Rapids, MI 49512

- Electronic responses can be securely uploaded as a single pdf document to:

<https://www.dropbox.com/request/uooxB0txJzpZFZRVOER5>

Electronic submissions shall be named with a form or portion of the firm's name as part of the document name.

The firm certifies the response submitted has not been made or prepared in collusion with any other respondent and the prices, terms or conditions thereof have not been communicated by or on behalf of the respondent to any other respondent prior to the official opening of this request. This certification may be treated for all purposes as if it were a sworn statement made under oath, subject to the penalties for perjury. Moreover, it is made subject to the provisions of 18 U.S.C. Section 1001, relating to the making of false statements.

Submissions may be withdrawn by written request only if the request is received on or before the opening date and time.

Submissions not meeting these criteria may be deemed non-responsive.

GFIAA is not liable for any costs incurred by any prospective firm prior to the awarding of a contract, including any costs incurred in addressing this solicitation.

TERMS AND CONDITIONS

GFIAA reserves the right to require that its standard terms and conditions apply to any actual order placed in response to a firm's submission. No attempt to modify GFIAA's Standard Terms and Conditions shall be binding, absent agreement on such modification in writing and signed by GFIAA.

No payment shall be made to the Respondent for any extra material or services, or of any greater amount of money than stipulated to be paid in the contract, unless changes in or additions to the contract requiring additional outlay by the Respondent shall first have been expressly authorized and ordered in writing by contract amendment or otherwise furnished by the GFIAA.

The intent of these specifications is to solicit a properly designed and all-inclusive response. Any requirements not in

the specifications, but which are needed for such a response, are to be included in the submission.

The Gerald R Ford International Airport Authority, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that for any contract entered into pursuant to this advertisement, disadvantaged business enterprises and airport concession disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

The Respondent shall not discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, marital status, or disability that is unrelated to the individual's ability to perform the duties of a particular job or position.

The Respondent shall observe and comply with all applicable federal, state, and local laws, ordinances, rules and regulations at all times during the completion of any contract with the GFIAA.

The terms of this request shall be interpreted, construed and enforced pursuant to the laws of the State of Michigan, and the Parties irrevocably consent to the jurisdiction of the federal and state courts presiding in Michigan.

The GFIAA is tax-exempt and a regional airport authority organized under 2015 P.A. 95, being MCL 259.137 et. seq.

Vendor Representation and Warranty Regarding Federal Excluded Parties List: The Respondent acknowledges that the GFIAA may be receiving funds from or through the Federal Government; such funds may not be used to pay any Respondent on the Federal Excluded Parties List (EPLS). The Respondent represents and warrants to the GFIAA that it is not on the Federal EPLS. If the Respondent is in non-compliance at any time during execution or term of this agreement (including any extensions thereof), the Respondent shall be in breach and the GFIAA shall be entitled to all remedies available to it at law or equity, specifically including but not limited to recovery of all moneys paid to the Respondent, all consequential damages (including the loss of grant funding or the requirement that grant funding be returned), and attorney fees (including the costs of in-house counsel) sustained as a result of the Respondent's non-compliance with this warranty and representation.

Pursuant to the Michigan Iran Economic Sanctions Act, 2012 P.A. 517, by submitting a bid, proposal or response, Respondent certifies, under civil penalty for false certification, that it is fully eligible to do so under law and that it is not an "Iran linked business," as that term is defined in the Act.

Insurance requirements are posted on the Documents and Forms page of the GFIAA website within the Purchasing Terms and Conditions document.

Termination For Cause: Should the firm fail to perform the Work as required by and in accordance with the schedule or time requirements, or otherwise violate any of the terms set forth in the Solicitation Request, it shall constitute breach of the Contract. Other than in force majeure situations, Respondent shall have five (5) calendar days to cure a breach of the Contract (the "Cure Period") following issuance of GFIAA written notice. Failure to cure a breach of the

Contract within said Cure Period shall allow the GFIAA to, without further notice to the Respondent, declare the Contract terminated and proceed with the replacement of the Respondent and the GFIAA shall be entitled to all remedies available to it at law or in equity including a claim against any required payment/performance bonds.

Termination Without Cause: Notwithstanding any other provision, at any time and without cause, GFIAA shall have the right, in its sole discretion, to terminate the contract by giving sixty (60) days written notice.

Although it is the intent to contract with one provider, the GFIAA reserves the right to contract with alternate sources if the Respondent is unable or unwilling to service its obligation, or it is deemed by GFIAA to be in its best interest to use alternate sources.

Assignment: Neither party shall assign or delegate any of its rights or obligations under this Agreement without the prior written consent of the other party.

Respondent warrants that they are an authorized provider of products or services of his/her submission.

MICHIGAN FREEDOM OF INFORMATION ACT

Information submitted in this solicitation is subject to the Michigan Freedom of Information Act and may not be held in confidence after the Respondent's submission is opened. A submission will be available for review after the project has been awarded.

GFIAA cannot assure that all of the information submitted as part of or peripheral to the Respondent's submission will be kept confidential. Any Respondent submission language designated as confidential is considered automatically invalid and void. GFIAA is subject to the Michigan Freedom of Information Act, which prohibits it from concealing information on or associated with responses, successful or unsuccessful, once they are opened.

EVALUATION, STATUS UPDATES/AWARD NOTIFICATION

The Authority reserves the right to request additional information it may deem necessary after the submissions are received.

As part of the evaluation process, Respondents may be requested to make an oral presentation, at the Respondent's expense, to an evaluation committee. Key staff to be assigned to this project must participate in this presentation unless otherwise waived by the Authority. The presentation may be followed by a question-and-answer session.

The Authority reserves the right at its discretion to waive irregularities of this solicitation process.

In the event of extension errors, the unit price shall prevail and the Respondent's total offer will be corrected accordingly. In the event of addition errors, the extended totals will prevail and the Respondent's total will be corrected accordingly. Respondent must check their submission where applicable. Failure to do so will be at the Respondent's risk. Submissions having erasures or corrections must be initialed in ink by the Respondent. Respondents are cautioned to recheck their submissions for possible errors.

The Respondent shall not be allowed to take advantage of error, omissions or discrepancies in the specifications.

The Authority, at its sole discretion, reserves the right to award to the Respondent whose response is deemed most advantageous to the Authority. The Authority, at its sole discretion, shall select the most responsive and responsible Respondent and evaluate all responses based on the requirements and criterion set forth in this solicitation while reserving the right to weigh specifications and other factors in the award. The Authority reserves the right to reject any and all submissions as a result of this solicitation.

The Authority reserves the right to award by line item when applicable and to accept or reject any or all parts of a submission.

Accelerated discounts should be so stated at the time of submission. If quick-pay discounts are offered, The Authority reserves the right to include that discount as part of the award criterion. Prices must, however, be based upon payment in thirty (30) days after receipt, inspection, and acceptance. In all cases, quick-pay discounts will be calculated from the date of the invoice or the date of acceptance, whichever is later.

Award notifications are posted on the Authority website. It is the Respondent's responsibility to monitor the website for status updates.

EXHIBITS

Exhibit A – Bid Form

- TO BE COMPLETED BY ALL BIDDERS -

Stormwater Treatability Field Pilot Test PRB Installation

Gerald R. Ford International Airport, Grand Rapids, Michigan

Item	Description	Estimated Quantity	Unit	Unit Cost	Total Cost
1	Initial Mobilization/ Demobilization	1	ea.	\$_____	\$_____
2	Prepare Channel ¹	1	ea.	\$_____	\$_____
3	Provide, Place and Fill Gabions (PRB), Replace Rip Rap, and Restore Side Slopes	1	ea.	\$_____	\$_____
4	Return Mobilization/ Demobilization	1	ea.	\$_____	\$_____
5	Remove and Transfer Gabions, Replace Rip Rap, and Restore Side Slopes.	1	ea.	\$_____	\$_____
6	Gabion Basket and Filter Fabric Disposal	1	ea.	\$_____	\$_____
7	Filter media and shipment to GFIA ²		allowance		\$60,000
				Total Cost:	\$_____

NOTES:

- The form above must be completed for all bids.

¹ Rip rap removal (30yd³), grading, and geotextile fabric (360 ft²) installation.

² To be determined based on bench test data. Allowance to be reimbursed at cost, based on paid receipts submitted to GFIAA.