

**KENTUCKY PUBLIC RIVERPORT CONSTRUCTION AND MAINTENANCE (KPRCM) APPLICATION**

**INSTRUCTIONS:** A guidance document is provided to assist in completing the application packet and may be accessed at <https://transportation.ky.gov/MultimodalFreight/Pages/KPRCM.aspx>

See the guidance document for required attachments and acceptable methods of submittal.

**SECTION 1: APPLICANT INFORMATION**

|  |                           |                               |            |
|--|---------------------------|-------------------------------|------------|
| <b>PUBLIC RIVERPORT NAME</b>                 | <b>TOTAL PROJECT COST</b> | <b>KPRCM FUND</b>             |            |
| Paducah-McCracken County Riverport Authority | \$250,000.00              | \$250,000.00                  |            |
| <b>STREET ADDRESS</b>                        | <b>CITY</b>               | <b>STATE</b>                  | <b>ZIP</b> |
| 2000 Wayne Sullivan Drive                    | Paducah                   | KY                            | 42003      |
| <b>CONTACT NAME &amp; TITLE</b>              | <b>PHONE</b>              | <b>EMAIL</b>                  |            |
| James H. Garrett                             | 270.442.9326              | jgarrett@paducahriverport.org |            |

**SECTION 2: PROJECT DESCRIPTION**

|  |                  |
|--|------------------|
| <b>PROJECT TITLE</b>                   | <b>DURATION</b>  |
| Fertilizer Conveyor System Replacement | 6 months 0 weeks |

**FACILITIES AFFECTED BY THE PROPOSED PROJECT**

☒ Owned by Riverport Authority ☐ Leased to:

**Briefly describe how the project will improve public riverport facilities and infrastructure, to capture the economic and trade potential offered by water transportation.:** (Text limited for accurate printing. Attach additional pages as needed.)

PMCRCA is equipped with two 30" conveyors designated for conveying fertilizer products to the Fertilizer Storage Barn. Both conveyors are designed and constructed with elevated steel trusses supported by steel bents. Due to the corrosive nature of the fertilizer products, the steel trusses and support bents have deteriorated to a critical point. Annually, more than 50,000 tons (30-25 barges) of fertilizer is conveyed to the storage barn supporting the agricultural farming in the surrounding seven county area of western Kentucky. This volume represents approximately 15% of the gross revenue earned at PMCRCA annually. The current contractual agreement for this customer is a 20-year lease agreement. This two conveyor system is the only unloading system within PMRCA configured to deliver product to the storage barn. Without the renewal of the conveyor system, PMRCA would no longer be able to support this long term agreement and would result in a 15% reduction in gross revenue and create economic hardships on local famers being required to travel further distances or to neighboring states to procure fertilizer products. This project has been identified as a critical near-term need to sustain PMRCA's fertilizer revenue and support the local farming community. The project will require the removal of the existing deteriorated conveyor system, reconfigure three 100' newly purchased 30" conveyors, new bents, chutes, and electrical system.

**Select ONE:** ☐ Applicant plans to use their own manpower, equipment, or materials on the project (Force Account).  
☒ Applicant plans to competitively bid out all work related to the project.

| TRAFFIC             | CURRENT | AFTER PROJECT |
|---------------------|---------|---------------|
| Trucks per day      | 85      | 85            |
| Train cars per week | 0       | 0             |
| Barges per week     | 7       | 7             |

**FOR KYTC USE ONLY**

|   |   |   |
|---|---|---|
| <b>Date Received:</b> _____   | <b>WTAB Approval</b> <input type="checkbox"/> Yes <input type="checkbox"/> No | <b>Notification of Award:</b> _____<br><br><b>MOA #:</b> _____<br><br><b>Notice to Proceed:</b> _____ |
| <b>Application Complete:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No | <b>Sec. Approval</b> <input type="checkbox"/> Yes <input type="checkbox"/> No |   |
| <b>Eligible Applicant?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No   | <b>Award Amount</b> _____   |   |
| <b>Permits Needed?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No       | <b>Award Date:</b> _____  |   |

**KENTUCKY PUBLIC RIVERPORT CONSTRUCTION AND MAINTENANCE (KPRCM) APPLICATION****SECTION 3: PERMITS AND APPROVALS**

|  | YES                      | NO                                  |
|--|--------------------------|-------------------------------------|
| Has the applicant consulted with state and federal agencies (US Army Corps of Engineers, US Coast Guard, US Fish & Wildlife Service, KY Division of Water, KY Heritage Council, etc.)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Has state and federal agency consultation determined permits are needed?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Have all required permits (environmental, encroachment, etc.) been obtained?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**SECTION 4: SUBMISSION CHECKLIST** (See guidance document for details.)

- ☒ Kentucky Public Riverport Construction and Maintenance Application
- ☒ Statement of Work
- ☒ Scope of Work
- ☒ Purchase quote or cost estimate for the project
- ☒ Project Schedule/Timeline
- ☒ Maps, aerial photos, drawings, and photographs, as needed
- ☒ Engineering plans, schematics, details, drawings of the proposed project, as needed
- ☐ Copies of all correspondence or evidence of consultation that has occurred with state and federal agencies, if app
- ☒ Required Affidavit for Bidders, Offerors and Contractors from applicant

**SECTION 5: CERTIFICATION**

I have read the Kentucky Public Riverport Construction and Maintenance Project Guidance Document and understand and agree to abide by what is stated therein. I agree that incomplete applications, applications missing any of the above required supporting documents, or applications received after the deadline, will be deemed ineligible by Division staff without consideration for KPRCM funds and returned to applicant. I also hereby certify, subject to the provision of KRS 523.100 (unsworn falsification to authorities), that the above information is true and correct to the best of my

| PRINTED NAME & TITLE                 | SIGNATURE  | DATE         |
|--------------------------------------|--|--------------|
| James H. Garrett, Executive Director |  | JUNE 4, 2025 |

Completed applications and all required attachments must be submitted electronically in PDF format. Paper copies will not be accepted. Emailed applications must be received by the Division by date indicated in call for projects. PDF copies shall be sent via email to: [KYTC.ModalPrograms@ky.gov](mailto:KYTC.ModalPrograms@ky.gov)





**Kentucky Public Riverport Construction & Maintenance (KPRCM) Application**  
***Fertilizer Conveyor System Replacement***



|                           |  |
|---------------------------|--|
| <b>Point of Contact:</b>  | James H. Garrett                               |
| <b>Applicant:</b>         | Paducah-McCracken County Riverport Authority   |
| <b>Applicant Address:</b> | 2000 Wayne Sullivan Drive<br>Paducah, KY 42003 |

**Phone:** Office (270) 442-9326 Ext 3610

Cell (270) 556-7734

**Email:** [jgarrett@paducahriverport.org](mailto:jgarrett@paducahriverport.org)

**Total Project Cost:** \$ 250.000.00

### **Grant Funding Application**

PMCRA is equipped with two 30" conveyors specifically allocated to conveying fertilizer products to the Fertilizer Storage Barn. Due to the corrosive nature of the fertilizer products the steel structural components have deteriorated to a critical point. This conveyor system provides for a large percentage of gross annual revenue and provides western Kentucky farmers with the necessary fertilizer products to sustain their farming operations.

This grant funding will be utilized to renew the two conveyor systems to ensure PMCRA can meet the barge unloading and delivery of more than 50,000 tons of fertilizers annually over the next 20-year period. The requested \$250,000 will be combined with three newly acquired 100' x 30" conveyors purchased at a cost of \$241,281. The combined total of \$491,281 will allow for the complete replacement of both conveyors and all associated chutes and electrical systems.

### **Qualifications and Eligibility**

Paducah-McCracken County Riverport Authority (PMCRA) was founded in 1964 by the legislative bodies of McCracken County and the City of Paducah. The operating facility is located on the Tennessee River between river mile marker 1.3 and 2.0 on the left descending bank, near the confluence of the Ohio and Tennessee Rivers.

PMCRA is a major transhipper of bulk commodities servicing 14 counties in Western Kentucky along with substantial shipments to TN, IL, and MO. Commodities transshipped through the port support State and Federal roadway projects, the expansion of the Kentucky Lock & Dam, commercial and residential construction projects, two manufacturing facilities employing over eighty (80) Kentuckians and the agriculture industry in Kentucky and the adjoining states. Our business partners have conveyed that the port directly supports over 600 jobs, not including those associated with the river industry or the four-state agriculture community.



The following picture provides an aerial view of the PMCRA facilities. These include a General Cargo Berth (GCB) and shoreside laydown cargo area. A separate Bulk Commodity Berth, (BCB) is used to discharge barges that is fed via conveyor to a 20-acre Bulk Commodity storage and transshipment yard. The Port also has over 100,000 square feet of warehousing, office buildings and additional outdoor storage areas. The two current areas associated with the Port's Radioactive Materials License (RAM) that are utilized for UF-6-cylinder storage and transshipments are also identified in the picture.

### **Paducah-McCracken County Riverport Authority – Aerial View**





## **Statement of Work**

The project will require engineering for the repurposing of the three newly acquired conveyor belts. The current two conveyor systems, bents, and transfer chutes will be disassembled and properly recycled. The three new conveyor belts will be reconfigured and further extended to create a new conveying system to serve the Fertilizer Storage Barn. This newly configured system will include new/modified transfer chutes and electrical power supply and controls.

Furthermore, the reconfiguration will allow for future products to be conveyed to a newly constructed 300' x 70' concrete clean storage pad. This secondary use of the fertilizer conveyor system will allow PMRCA to provide up to 12,000 tons of new storage area that is directly accessible via way of this renewed system.

## **Scope of Work**

Initially, an engineering firm will be contracted to design the three conveyor belt configuration to convey products from the existing fixed River Belt (RVC1C) transfer point to the delivery point at the Fertilizer Storage Barn Input Conveyor. This design will further include redesigning the transfer chutes to serve both the storage barn and the new concrete clean storage pad.

Construction will commence with complete demolition of all existing conveyor structural components including trusses, bents, transfer chutes, and electrical power.

The three newly purchased conveyors will be reconfigured and extended to cover a 360' distance from the load to discharge transfer points. This will require the splicing of the existing trusses and an additional 60' of new truss system. Bents will be positioned upon the existing bent foundations, which have been determined to be in good condition. The newly configured conveyors will be set atop the new bents, along with the associated new/modified transfer chutes. Electrical power and control systems will be installed completing the renewal of this conveying system.

Upon completion the new conveying system will provide 400 tons per hour capacity to supply fertilizer and bulk products to the Fertilizer Storage Barn and Clean Storage Pad.

## **Project Purchase Quote and Cost Estimate**

PMRCA has worked in conjunction with ITAC Engineering. ITAC has most recently designed and constructed three new radial stackers under a federal grant. ITAC representatives have been onsite evaluating the fertilizer system replacement needs along with the newly purchased 30" conveyors and have developed an estimate of \$250,000 for this project included below.



**INNOVATIVE SOLUTIONS.  
ASSURED SUCCESS.**

4 June 2025

Jim Garrett  
Executive Director  
Paducah-McCracken County Riverport Authority  
2000 Wayne Sullivan Drive  
Paducah, KY 42003

**RE: PMCRA – Fertilizer Conveyor Replacement – ROM estimate  
ITAC Job 252817**

Dear Jim,

We've put considerable thought into the Fertilizer Conveyor Replacement at the Paducah yard over the past few weeks. We suggest

- repurposing one (1) of the 100' grasshopper conveyors to replace the first Fertilizer Belt (170'). This will require adding a new 70' section of conveyor to the grasshopper to provide the proper length.
- repurposing two (2) of the 100' grasshopper conveyors to replace the second Fertilizer Belt (200').
- Both suggestions will require new electric motors, gearboxes, support bents, and convey belting for each belt due to the reconfiguration.
- As an option outside this estimate, the existing grasshopper stacker can be positioned at the end of the second Fertilizer Belt to deliver material to the existing concrete slab stockpile area. This will require a chute specifically designed to transfer fertilizer from the Fertilizer Belt to the stacker to maintain product integrity.

These suggestions are based on the belief that the existing foundations and some of the existing chute work will be appropriate for reuse. We have not included new foundations in this estimate, and only minor modifications to the chutes are included.

Our Rough Order of Magnitude estimate for this project is **Two Hundred Fifty Thousand Dollars (\$250,000)**.

We look forward to working with you to further develop the scope for this project. Please contact me at 919.816.7457 or [terry.riley@itac.us.com](mailto:terry.riley@itac.us.com) should you have any questions regarding this estimate.

Sincerely,

Terry Riley

This engineering and construction design for \$250,000, along with the utilization of the three newly purchased 30" conveyors at a value of \$241,281 will renew the fertilizer conveying system for the foreseeable future.

## **Project Schedule and Timeline**

The schedule discussed with ITAC for this type of project including the engineering, demolition, modifications, installation, and system testing the project is estimated to be in a six month period from date of award.



## **Photographs, Engineering Plans, or Consultation Correspondences**

Included herein are photographs of the current conditions of the existing Fertilizer Conveyors:



***Fertilizer Conveyor No. 1***

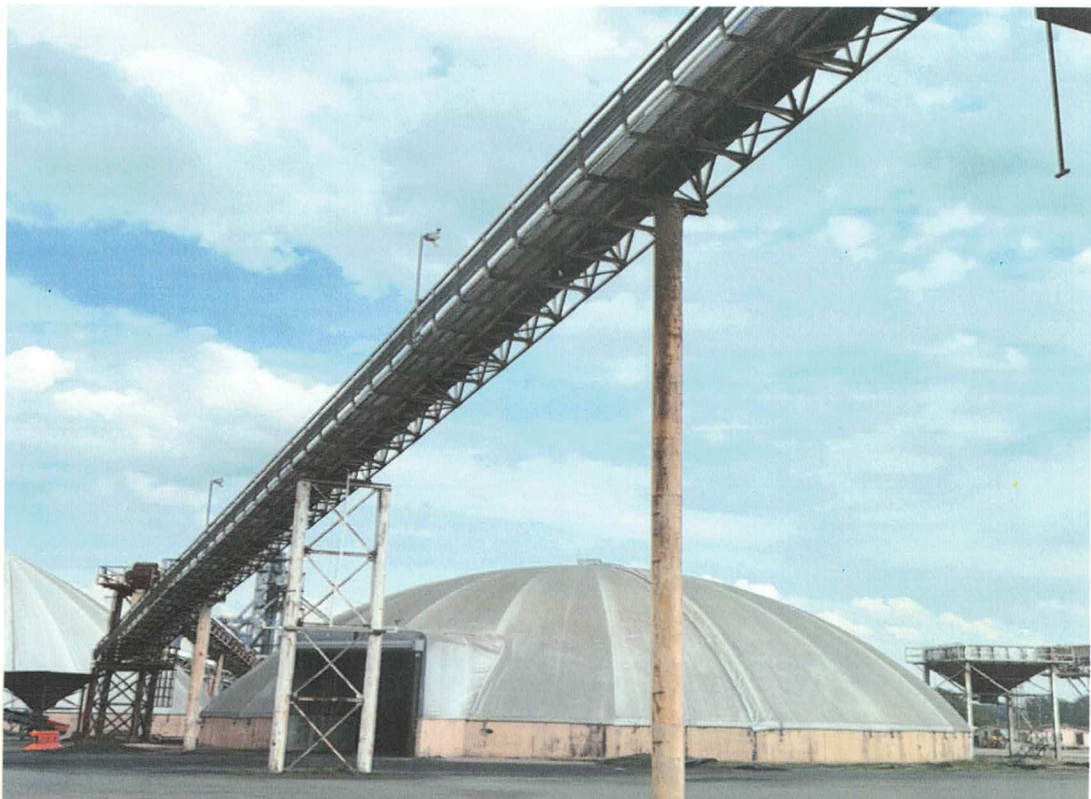


***Fertilizer Conveyor No. 1 – Tail Section***





***Fertilizer Conveyor No. 1 – Transfer Bent***



***Fertilizer Conveyor No. 2***





***Fertilizer Conveyor No. 2 – Transfer Bent***



***New Conveyors***





***New Conveyors***

### **Consultations with Federal or State Agencies**

Due to this project being a renewal of an existing system, no federal, state, county, or city permits are required.

### **Summary**

On behalf of my colleagues at PMCR, our business partners, and the citizens of the City of Paducah, McCracken County, and the adjacent Western Kentucky counties that we service, I would like to thank you for your consideration of this critical infrastructure refurbishment project within our facility. Should you have any questions or require any additional clarification, please do not hesitate to contact me.

Respectfully submitted,

James H. Garrett

Executive Director

Paducah-McCracken Country Riverport Authority



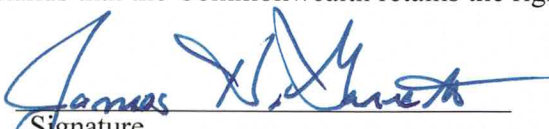
**Required Affidavit for Bidders, Offerors  
and Contractors  
(KRS 45A.110 & 45A.115)**

**Affidavit Effective for One (1) Year from Date of Execution**

**Instructions:** Pursuant to KRS 45A.110 and 45A.115, a bidder, offeror, or contractor ("Contractor") is required to submit a Required Affidavit for Bidders, Offerors, and Contractors to be awarded a contract, or for the renewal of a contract. An authorized representative of the contracting party must complete the attestation below, have the attestation notarized, and return the completed affidavit to the Commonwealth.

**Attestation**

As a duly authorized representative for the Contractor, I swear and affirm under penalty of perjury, that that the Contractor has not knowingly violated campaign finance laws of the Commonwealth of Kentucky and that the award of a contract will not violate any provision of the campaign finance laws of the Commonwealth. For purposes of this attestation, "Knowingly" means that the bidder or offeror is aware or should have been aware of the existence of a violation. The bidder or offer understands that the Commonwealth retains the right to request an updated affidavit at any time.

  
\_\_\_\_\_  
Signature  
Executive Director  
\_\_\_\_\_  
Title

James H. Garrett  
\_\_\_\_\_  
Printed Name  
06/04/2025  
\_\_\_\_\_  
Date

Bidder or Offeror Name: Paducah McCracken County Riverport Authority  
Address: 2000 Wayne Sullivan Drive  
Paducah, KY 42003  
\_\_\_\_\_

Commonwealth of Kentucky Vendor Code (If known): \_\_\_\_\_

Subscribed and sworn to before me this 4 day of June, 2025.  
State of: Kentucky Notary: Jessica L. McDowell  
County of: McCracken My Commission Expires: July 22, 2027

