



May 22, 2024

FY 2025 Kentucky Riverport Improvement (KRI) Project

48 Foot Flatbed Trailer Acquisition Project





KENTUCKY RIVERPORT IMPROVEMENT (KRI) 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/Ky-Riverport-Grant-Program.aspx>
 See the guidance document for required attachments and acceptable methods of submittal.

SECTION 1: APPLICANT INFORMATION

RIVERPORT NAME		TOTAL PROJECT COST	KRI GRANT REQUEST	APPLICATION YEAR
Paducah-McCracken County Riverport Authority		\$35,300.00	\$28,240.00	FY-2025
STREET ADDRESS		CITY		STATE
2000 Wayne Sullivan Drive		Paducah		KY
CONTACT NAME & TITLE		PHONE	EMAIL	
Timothy Cahill, Executive Director		270-442-9326	tcahill@paducahriverport.org	

SECTION 2: PROJECT DESCRIPTION

PROJECT TITLE	DURATION
48 Foot Flatbed Trailer Acquisition Project	6 months 0 weeks

FACILITIES AFFECTED BY THE PROPOSED PROJECT

- Owned by Riverport Authority Leased to:

Briefly describe the project, including operational and market need, and how the project will increase jobs and efficiency:
 (Text limited for accurate printing. Attach additional pages as needed.)

Paducah McCracken County Riverport utilizes an Ottawa Yard Hustler secured via a Marine Hwy Grant along with a rented flatbed to distribute arriving supersacks from barges into multiple Port owned warehouses. As shipments continue to expand, PMCRA needs to purchase a 48' steel chassis flatbed trailer to increase efficiency, ensure reliability and redundancy in our operations. The supersacks arrive in New Orleans via ocean carrier and are transferred to barges for delivery to PMCRA where they are discharged at our General Cargo Facility utilizing our Comansa Crane. Through our engagement with MARAD, supersacks are now recognized as U.S. Marine Highway cargo. PMCRA has also secured a DRA Grant to revitalize a 20K square foot warehouse to increase reliability for supply chain transshipment and storage services to our two current business partners who service a large segment of the smelter and electric arc metals industries in KY and the Midwest. PMCRA currently averages over 6,000 supersacks in Port warehouses. Each barge has over 1,700 supersacks which upon arrival are distributed into different Port owned warehouses up to half mile from the dock area. From our warehouses the supersacks are trucked to Graves County and other Midwest destinations by customer provided trucks. Additional information is included with our application.

- 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

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



KENTUCKY RIVERPORT IMPROVEMENT (KRI) APPLICATION

SECTION 3: APPLICANT CASH MATCH

Cash Match Amount:	Match Percentage (20% or more of Total Project cost is required.):	
	AMOUNT	
SOURCE(S) OF CASH MATCH	SECURED	APPLIED
Paducah-McCracken County Riverport Auth.	\$7,060.00	\$7,060.00
	\$0.00	\$0.00
	\$0.00	\$0.00

SECTION 4: 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.)?	N/A <input type="checkbox"/>	<input type="checkbox"/>
Has state and federal agency consultation determined permits are needed?	N/A <input type="checkbox"/>	<input type="checkbox"/>
Have all required permits (environmental, encroachment, etc.) been obtained?	N/A <input type="checkbox"/>	<input type="checkbox"/>

SECTION 5: SUBMISSION CHECKLIST (See guidance document for details.)

- Kentucky Riverport Improvement Application
- Statement of Work
- Scope of Work
- Purchase quote or cost estimate for the project
- Project Schedule/Timeline
- Certification of the ability to provide the minimum 20% match requirement
- 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 & federal agencies, if applicable
- Annual Affidavit for Bidders, Offerors and Contractors from applicant
- Documentation of Port Planning

SECTION 6: CERTIFICATION

I have read the Riverport Improvement 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 KRI 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 knowledge.

PRINTED NAME & TITLE	SIGNATURE	DATE
Timothy Cahill, Executive Director		MAY 19 2024

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 guidance document. PDF copies shall be sent via email to KYTC.ModalPrograms@ky.gov

Point of Contact: Timothy Cahill
Applicant: Paducah-McCracken County Riverport Authority
Applicant Address: 2000 Wayne Sullivan Drive
Paducah, KY 42003

Phone: Office (270) 442- 9326 Ext 3610
Cell (941) 400-9737

Email: tcahill@paducahriverport.org

Total Project Cost:	\$ 35,300.00
KRI Grant Funds Requested:	\$ 28,240.00

Matching Funds/Sources:

Paducah-McCracken County Riverport	\$ 7,060.00
Total Project Funds Required	\$ 35,300.00

Grant Funding Application:

Grant funds will be applied for the purchase of a 48-foot, spring slider, steel chassis, flatbed trailer. Based on quotes received (included) PMCRA will need to conduct a bid process to secure the trailer.

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.

The following picture provides an aerial view of the PMCRA facilities. These include a General Cargo facility with a separate river berth, a Bulk Commodity River berth, a 20-acre Bulk Commodity storage and transshipment yard and 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:

PMCRA is a major transhipper of bulk commodities servicing 14 counties in western Kentucky along with substantial shipments to TN., IL, and MO. Commodities transhipped through the port support State and Federal roadway projects, the

expansion of the Kentucky Lock & Dam being accomplished by the U.S. Army Corp. of Engineers, commercial and residential construction activities, two manufacturing facilities employing over eighty Kentuckians and the agriculture industry in Western Kentucky and the adjoining four 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 that the Port services.

Our bulk cargo transshipment services have supported the I-24 road construction project, TVA Shawnee Power Plant, Ash Facility Project and the ongoing expansion of Kentucky Lock and Dam, along with numerous other critical infrastructure, manufacturing, commercial and residential construction projects in our service area.

In 2021 and 2022 the PMCRA General Cargo Facility was utilized to construct the new Smithland Bridge which was dedicated by KYTC in 2023. In late 2022, the Port received its first barge load of supersacks of specialty minerals utilized by a Graves County refractory brick manufacturer and secured a warehousing and distribution agreement with another entity providing supersacks of specialty minerals and commodities across multiple business sectors in Kentucky and other states in the Midwest Region.

In early 2023 utilizing the Port's Radioactive Material AM License and prior experience in providing transshipping services for the Nuclear Energy industry, the Port secured a new tenant and multiple new service agreements with multiple domestic and international nuclear energy 3PL service providers. The new activities support and provide critical services for the storage and transshipment of cylinders containing uranium hexafluoride (UF-6). The Honeywell UF-6 conversion facility located in Metropolis, IL is the only U.S. UF-6 facility in operation. The Port's services allow for the storage of inbound cylinders and the safe transshipment of the critical UF-6 material to the domestic and international Nuclear Power industry. PMCRA is utilizing over 6 acres of Port property to accomplish these services.

PMCRA is the recipient of a U.S. Marine Highway Grant and recently engaged with MARAD to secure the inclusion of supersack cargoes into the U.S. Marine Highway Program. Currently the Port is implementing a PIDP Grant to revitalize approximately \$4 million dollars of critical infrastructure within the 20-acres Bulk Commodity Facility. The first two components of the PIDP Grant are to be completed in early June 2024. Once completed, Dome A and B will provide cost effective, expanded storage and transshipment services to our long-term Hopkinsville manufacturing business partner along with increasing transshipment efficiencies and increased revenues for the Port. In 2023 the Port was awarded a DRA Grant of approximately \$460K to revitalize a 20,000 square foot warehouse to increase storage and transshipment efficiencies in our expanding supersack business. We have begun the implementation of the DRA Grant, and it should be completed in the fall of 2024 allowing us to further expand our supersack business with our existing and potential new customers.

Scope of Work:

PM CRA has been fortunate for the opportunity to participate in the supply chain requirements for a refractory brick manufacturer who established their facility in 2020 in Graves County. The company services many of the major steel and other metal manufacturers in the U.S. We have also been able to secure an additional client who supplies multiple foundries and other customers with supersacks of various minerals within the Mid-West.

The supersacks are transhipped from oceangoing vessels to barges in New Orleans. From NOLA the barges transit northbound on the Mississippi River until arriving in Cairo, IL where tows are remade to move onto the Ohio River and then to the PM CRA General Cargo dock located at MM #1.3 on the Tennessee River.

The barges normally contain approximately 1,700 supersacks. We discharge the barges utilizing our Comansa Crane affixed with a spreader bar. Approximately 22 sacks are hoisted at a time from the barge to a point of rest on the 2.5-acre dock. From the dock area the supersacks are either transported by forklift into Warehouse #2 which can hold approximately 1,800 supersacks (depending on the product) or reloaded onto a rented 48-foot flatbed trailer that is powered by an Ottawa Yard Mule that the Port acquired as part of a prior Marine Highway Grant and transported approximately one-half mile to Warehouse #4 where forklifts unload and stack the supersacks. Warehouse #4 has capacity for approximately 8,000 supersacks depending on product and stackability of the supersacks.

PM CRA Warehouse Storage Areas



As part of an ongoing DRA Grant, Warehouse #3 is being revitalized with new side panels and roof coating system. This warehouse will allow us to accommodate our current customers along with anticipated increased shipments of approximately 3,000 supersacks per month beginning in late 2024. Even with the revitalization of Warehouse #3 we anticipate that we will need to transport over 1,000 supersacks per month from the General Cargo dock area to Warehouse #4 utilizing the Port's Ottawa Yard Tractor and a flatbed trailer.

The purchase of a 48' flatbed trailer will increase manpower and overall cost efficiencies along with adding a level of redundancy to our operations to support our expanding specialty mineral supersack business partners. There are days currently we are not able to rent a flatbed trailer and thus lose that day to transfer supersacks. The transfer of the super sacks from the dock and between warehouses is a weather sensitive operation.

The KYTC State Equipment Contract does not include flatbed trailers. Based on the initial estimates secured to purchase a 48-foot steel chassis flatbed trailer, PM CRA will need to conduct a bidding process to secure the 48-foot steel chassis flatbed trailer.

Port Yard Tractor with Sacks on Rented Trailer



48-Foot Flatbed Trailer



Page 1 of Quote from LIM Tennessee, LLC

Quote: 050124J

Page 1 of 2



Company: LIM TENNESSEE, LLC.
 Contact: Justin Carter
 Address: 5492 HWY 70 WEST
 WAVERLY, TN 37185
 Phone/FAX: 931-296-9944 | 931-296-9946

Web: www.limtennessee.com

BASE MODEL: FB Flat Bed		base price: \$37,500.00
components	description	add to cost
CAPACITY	Standard Beam Pkg - 80,000 GVWR (80,000 in 10' Span)	STD
OVERALL LENGTH	48' - Base weight 11,683# +/- 3%	STD
OVERALL WIDTH	8' 6"	STD
KING PIN SETTING	30" - Tapered Front	STD
UPPER COUPLER PLATE	1/4"	STD
UPPER COUPLER HEIGHT	48"	STD
BULKHEAD	None	
MAIN FRAME	28" Fab.-PreCamb.I-Beams-(80K Pkg)	STD
SIDE RAILS	6" - 6.5# Per Foot	STD
FLOOR SILLS	4" Steel I-Beam 12" O.C. HD Pkg. (+325#)	STD
COIL HAUL PACKAGE	None	STD
FLOOR DECKING	1-1/8" Apitong	STD
WINCH TRACK	Steel Slide Entire Length of Drivers Side	STD
WINCHES	12 sliding	STD
STRAPS	None	STD
LANDING GEAR	Two Speed	STD
SUSPENSIONS	Hutchens Spring Ride - Sliding Tandem	
SUSPENSION LOCATION	Slider/Variable	STD
LIFT AXLE	None	STD
DUMP VALVE	None	STD
SCALES	None	STD
AXLES	(2) 22.5K Capacity- Type 30 Chambers- Auto Slacks	STD
ABS SYSTEM	ABS System 2S/1M	STD
AXLE SPACING	49" (+35#)	STD
PARKING BRAKES	All Axles	STD
DUST SHEILDS	None	STD
TIRE INFLATION SYSTEM	None	STD
TIRES	295/75R 22.5- DOUBLE COIN	STD
WHEELS	Disc - Hub Piloted - 22.5 Steel	STD
ANTI-SAIL MUD FLAPS	On Slider	STD
STAKE POCKETS	24" O.C. Sides & 4 Across Front, 5 Across Rear	STD
RUB BAND STEEL	3/8" X 2-1/2" Recessed for DOT Tape	STD
PIPE SPOOLS	Double	STD
DOCK BUMPERS	Rubber Inboard	STD
CARGO TIE DOWN	None	STD
TOOLBOX MATERIAL	None	STD
TOOLBOX TYPE	None	STD
TOOLBOX LOCATION	None	STD
TIRE CARRIERS	None	STD
CONTAINER TWIST LOCKS	None	STD
LIGHTS	Sealed Wiring Harness W/LED Pkg-Micro(2)Front/(2)Rear Sides-3 Ctr Rear	STD
CUSTOM LIGHTS	None	STD
FORK LIFT KIT MODELS	None	STD
COUNTER BALANCE	None	STD
PAINT	Black	STD
DECK ROLLERS	None	STD
TAIL ROLLERS	None	STD
OILFIELD - PIN POCKETS	None	STD
PIPE STANCHIONS	None	STD
CUSTOM 1	None	STD
CUSTOM 2	None	STD
CUSTOM 3	None	STD
CUSTOM 4	None	STD
Options Total:		

Page 2 of Quote from LIM Tennessee, LLC

Quote: 050124J

Page 2 of 2

Customer#: Tim Cahill
 Quote Date: 1st May 2024
 Last Updated:
 Terms: CASH
 Delivery Date: In Stock
 Ship To: FOB - Waverly, TN


Sub Total:	37,500.00
Discount:	-3,000.00
Trailer Total:	34,500.00
FET:	GOV
Sales Tax:	Out of State
Deck Fee:	
Freight:	800.00
Deposit:	
Total Each:	35,300.00
Total Units:	1
Grand Total:	\$35,300.00

Purchaser's confirmation (signature): _____ Date: ___/___/___

Project Timeline

Upon award and execution of the KYTC MOA, PMCA will advertise and conduct a Bid Process to secure the trailer. Two dealers have advised that delivery of a new trailer will take approximately 3 to 4 months, once a fully executed Agreement has been finalized. We anticipate the entire Project will be completed in six months.

Financial Certification:



May 14, 2024

Water Transportation Advisory Board

To Whom It May Concern:


This letter has been written at the request of the Paducah-McCracken County Riverport Authority regarding infrastructure improvements to be made at the Paducah-McCracken County Riverport Authority. Their grant request pertains to the fiscal 2025 operating year and relates to the Kentucky Riverport Improvement Project. Please be advised that the Paducah-McCracken County Riverport Authority has adequate funds available to provide a 20% matching contribution up to \$7,060.00.

If you need any further information regarding this matter, please feel free to contact me at 270.575.6644.

Sincerely,
Arianne W. Dillon

Arianne Dillon
Vice President

PADUCAH BANK

555 Jefferson Street / P.O. Box 2600 / Paducah, Kentucky 42002 / 270.575.5700 / 800.575.5705 / paducahbank.com / MEMBER FDIC 



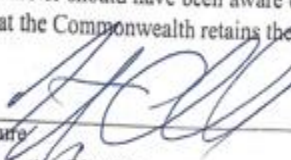
**Required Affidavit for Bidders, Offerors
and Contractors
(KRS 45A.110 & 45A.115)**

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

Timothy Cahill
Printed Name

05/07/2024
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 7th day of May, 2024.
State of: Kentucky Notary: 
County of: McCracken My Commission Expires: July 22nd, 2027



Port Planning:

The PMCRA Capital Improvement and Maintenance Plan identifies this project as one of the Port's ongoing maintenance, betterment, and expansion projects. The initial development of PMCRA began in 1970's to support bulk commodity requirements in the Western Kentucky region. The initial phase of the revitalization of PMCRA bulk commodity facilities conveyors, stackers and hopper system began in FY-2021 with the KRI funded Triple Pantleg Chute project. PMCRA's PIDP Grant project which was awarded in December 2021 is totally focused on the critical infrastructure requirements of our bulk commodity storage and transshipment facility. PMCRA's Capital Improvement and Maintenance Plan is located on the following pages.

Paducah McCracken County Riverport Authority - FY 2025 - 2033

Maintenance and Capital Improvement ANTICIPATED/NEEDED in next 10 years

Project Description, Mater, Specs, Etc.	Facilities/Equipment Impact	Impact on Operations	Status		1
Bulk Commodity Yard revitalization project. Replace three vintage 1960 & 1970 fixed Mat radial stackers with new machines Main Yard Stacker - 30' x 150' - main transfer from inbound river belt to two other fixed conveyor systems feeding and stacking storage yards. Sand Yard Stacker - 30' x 150' with radial hopper & fixed conveyor feeder servicing and stacking yard and truck hopper loadout Rock Yard Stacker - 30' x 100' servicing rock yard storage area	Bulk Yard Operations cargo handling and storage	Ensuring long term operational viability for Port for bulk cargo handling & storage for Regional business customer for the next 15-20 years	Project is included in December 2021 PIDP Grant Award	PIDP Grant was awarded in December 2021 with implementation ongoing	Replacement of three fixed mat type radial stackers & 1 radial hopper feeder with fixed conveyor \$1.725M was winning bid submitted. To be approved by PMORA Board May 2024.
Replacement of bulk damo roofing system. Two Storage Damo systems utilizing galvanized steel frames and tarp cloth covers. One existing customer would immediately move from 20K sq. ft. warehouse into Damo A. Second damo customer is being pursued at this time. 20K warehouse would provide new storage opportunity for bulk, break bulk and project cargo	Two Storage Damo. Existing foundations and walls have been certified as repairable. New roof systems need to be installed.	Increase efficiency & cost saving for PMORA & one customer. Revenue & customer expansion via increase storage capabilities with Damo B and via repurposing 20K foot of warehouse	Project is included in December 2021 PIDP Grant Award	PIDP Grant was awarded in December 2021 with implementation ongoing	Damo A & Damo B. Awarded with installation completion date of June 9, 2024. Winning bid, \$548,107.00
Bulk Yard Storage and Commodity expansion project. Utilize new fixed infrastructure concepts to expand into new storage area within the current bulk yard footprint for commodity and customer diversification. Utilize three (3) 100' x 30' ground conveyors in association with a new 100 foot radial stacker expand into a currently unused area of the bulk yard	Purchase and utilization of three ground conveyor systems and a 100 foot radial stacker	Customer and product diversification leading to new internal and external Regional job creation. Increase cost effective transshipment capacity in support of Economic Development, Federal and State infrastructure projects	Project is included in December 2021 PIDP Grant Award	PIDP Grant was awarded in December 2021 with implementation ongoing	3 ground conveyors and stacker awarded for \$337,608.00. Due at PMORA Aug. 2024
Bulk Commodity Yard Revitalization Project. Demolition of an old truck scale foundation which will improve transit safety and sight lines within the bulk yard.	Excavation and refill of old truck scale pit and ramps.	Customer and product diversification. Regional job creation. Increase transshipment capacity in support of Economic Development, Federal and State infrastructure projects	Project is included in December 2021 PIDP Grant Award	PIDP Grant was awarded in December 2021 with implementation ongoing	Awarded for \$20,000. Project completed in April 2024.
Bulk Commodity Yard revitalization project. Install additional 90 feet x 11 feet concrete dock truck scale. Install 240 feet by 30 foot canopy system adjoining the fertilizer transshipment building while covering the existing conveyor loadout system and new truck scale	Purchase of new truck scale and covered canopy system for fertilizer building conveyor and truck scale	Provide increased efficiency for entire bulk operation by adding second truck scale. Will also increase efficiency and revenue by being able to transship fertilizer products during inclement weather conditions	Project is included in December 2021 PIDP Grant Award	PIDP Grant was awarded in December 2021 with implementation ongoing	Scale awarded for \$169,050. To be installed in Aug. 2024 Canopy to be bid and awarded in Sept. 2024 after completion and testing of truck scale
Bulk Commodity Yard revitalization project. Install additional 30K sq. ft. of concrete over existing old fertilizer building slab for clean storage. Install hardened concrete	Bulk Commodity Operations	Replacement of critical infrastructure in order to support continuous safe and reliable cargo transshipment, storage and logistics	Project is included in December 2021 PIDP Grant Award	PIDP Grant was awarded in December 2021 with implementation ongoing	To be last component of PIDP completed. Current estimate spring 2025. \$448,500.00
Rebuild two concrete aprons and 4th Street River entrance to bulk yard and entrance into RAM licensed storage yard	Bulk and General Cargo Operations	Improve site lines for trucks, safety for personnel and increase efficiency with reduced dwell times for trucks	Pursuing KRI funding in association with PMORA funds	FY-2024 KRI Project and PMORA matching funds	Project to be completed in May 2024 for \$75K
Revitalize 20,000 square foot Warehouse #3. Install new wall panels and re-coat existing roof. Existing foundation and steel frame can be utilized.	General Cargo Operations	Replacement of critical infrastructure in order to support continuous safe and reliable cargo transshipment, storage and logistics	Through upgrading the building we will increase warehouse storage availability by 20K sq. ft. for expansion of our super rack business.	FY-2024 - DRA Grant awarded. Bid package development commenced in April 2024. Completion of project in November 2024.	\$465,000
Purchase Bobcat Skid Steer Loader	Bulk Cargo Operations	Provide safe and efficient cargo transfer operations and increase efficiency by having a back up machine	Potential U.S. Marine Highway Grant, KRI Grant or KY Maintenance & Equipment Fund Grant	FY-2025 KRI Project and PMORA matching funds	Estimate - \$60K.
Purchase 48 foot flatbed trailer	General Cargo Operations	Increase efficiency & cost saving for PMORA in association with super rack inter-port transfer process	Pursue KRI funding or Marine Hwy funds in association with PMORA matching	FY-2025 KRI Project and PMORA matching funds	Project to be completed in May 2024 for \$75K

Purchase of 26-ton forklift	General Cargo and RAM Cargo Operations	Provide safe and efficient cargo transfer operations and increase efficiency by having a back up machine	Potential U.S. Marine Highway Grant, KRI Grant or KY Maintenance & Equipment Funds Grant	FY-2025 or FY-2026	Estimate - \$300,000.
General Cargo and Bulk Commodity River Berth Berge Coll Inspection and bonding repairs on up to 9 berge docking collar. Inspection and potential repairs from mudline up with each band to cover the normal splash zone and heavy wear areas on the collar.	General Cargo and Bulk Commodity Operations	Replacement of critical infrastructure in order to support continuous safe and reliable cargo transshipment, storage and logistics	Planning development would seek Federal and/or State funding	FY-2025 and into FY-2026 depending on findings of the inspection of the collar.	Inspection cost: \$60-\$80K. Repair cost for each collar from \$132K to \$180K. Plus mobilization fee approx. \$25K-\$50K. Plus aggregate fill 500 to 1000 tons @ \$30K to \$60K. Total project \$1M plus depending on actual findings.
Installation of hardened concrete cargo area between admin building and Warehouse #3 leading to Wayne Sullivan Drive.	General Cargo Operations	Replacement of critical infrastructure in order to support continuous safe and reliable cargo transshipment, storage and logistics	USMH, KRI Grant, DRA Grant or other Grant funding opportunities	FY-2026	\$400-\$500K depending on exact square footage accomplished
Purchase of 15-ton forklift	General Cargo and RAM Cargo Operations	Provide safe berthing for barges during bulk commodity transfer operations	Potential U.S. Marine Highway Grant, KRI Grant or KY Maintenance & Equipment Funds Grant	FY-2026	Estimate - \$500,000.
Replacement of two (2) wheel loaders utilized for truck loading operations	Bulk Operations	Improved fuel efficiency and environmental	Funded by Riverport with State and Federal Grant Assistance as available	Replace one unit in FY-2026 and one unit in FY-2027.	\$325,000 for each unit
Revitalize and/or replace Bulk Commodity fertilizer conveyor system, transfer hoppers and drive system. Approximately 440 feet of conveyor and multiple hoppers which feed Southern FS conveyor and building	Bulk Operations	Replacement of critical infrastructure systems in order to support continuous safe and reliable cargo transshipment of bulk commodity	Exploring Grant State and Federal Grant funds including AG.	FY-2026	Estimate for replacing conveyor is \$300 to \$1,000 per foot plus multiple conveyors. Project estimate \$700,000.
Replacement of Quonset Building Warehouse #1	General Cargo operations	Replacement of critical infrastructure in order to support continuous safe and reliable cargo transshipment, storage and logistics	Current building has reached end of life. Replace existing structure with steel & fabric structure of 5,400 sq. ft. to capture warehouse opportunity	FY-2025 or 26 unless a business partner is identified. Plan to pursue Grant opportunities	\$450K
Replacement of primary 4-4.50 cubic yard bucket for Sonnebagen	Bulk Operations	Replacement of primary bulk commodity bucket to increase safe and reliable cargo transshipment of bulk commodity	Federal, KRI Grant or other Grant funding	FY-2026	\$50K
New roof coating system for 66,000 sq ft Warehouse #4	General Cargo Operations	Replacement of critical infrastructure in order to support continuous safe and reliable cargo transshipment, storage and logistics	Federal, State, KRI or other Grant Funding	FY-2026	\$250K
Replace existing forklift fleet consisting of 6 machines from 2004 and 2008	General Operations for expanding superack business	General cargo transshipment expansion opportunity	US Marine Hwy, KRI Grant or other Grant funding including electricification opportunities	Phase in beginning in FY-2024	\$400-500K
New roof coating system for 9,600 sq ft Warehouse #2	General Cargo Operations	Replacement of critical infrastructure in order to support continuous safe and reliable cargo transshipment, storage and logistics	Federal, State, KRI or other Grant Funding	FY-2026	\$50K
Development of Riverport West Marine and Intermodal Logistics Hub. Multi-cargo facility in carpenter liquid & dry bulk, containerized, general and R/R cargo. Marine, rail, warehousing and distribution centers. In conjunction with Regional Economic Development Authority, Class I railway, Shortline railroads, manufacturer, distributor, renewable energy developer and 3PL service providers.	New multi-user Port operating facility in support of new Economic Development within McCracken County	Port Expansion - Land Purchase, Equipment Purchase	FY-2023 - Applied for a \$3.5 million Planning Development Grant via Build Grant Program	FY-2023 - Purchased 38 acres of property on Ohio River in conjunction with Greater Paduch Economic Development. Pursue PPP, Federal, State & Local funds and Grants	\$25M Phase 2 project developing 3 river berths, laydown area, heavy haul road and rail spur which will allow public access facility for servicing the Triple Rail Super Site.
Replacement of bulk material handler purchased in 2018 and fixed conveyor system (built in 1970's). The system will have exceeded its useful life. We will investigate the benefits of a barge mount crane and conveyor system. The project should have an material handler will be around 30,000 hours during the time frame.	Bulk Operations	Riverport operations will be reduced due to lack of cost effective cargo and logistics management resulting in lost jobs and economic development in the region.	Planning development would seek Federal and State funding	FY-2028 - July 2027 - June 2028	\$8.0 million
Replacement of the General Cargo Crane	General Cargo Operations	Riverport operations will be reduced due to lack of cost effective cargo and logistics management resulting in lost jobs and economic development in the region.	Planning and development would seek Federal and State funding	July 2030 - July 2029 - August 2029	\$10.0 million
Development of 3.8 acre warehouse site on Wayne Sullivan Drive	General Operations	General cargo transshipment expansion opportunity	Federal, KRI Grant or other Grant funding	FY-2026 with a business partner. Plan to pursue Grant opportunities	\$4.5 Million
Future projects, improvements and/or retrofits are TBA based on economy, business requirements and economic development activities					

On behalf of my colleagues at PMCRA, 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,



Timothy Cahill
Executive Director
Paducah-McCracken Country Riverport Authority