



2025 Louisville Riverport Authority (LRA) KPRCM Grant Application

Contact Information

Point of Contact: Miguel A. Zamora II

Applicant: Louisville Riverport Authority

Applicant Address: 6900 Riverport Dr. # A, Louisville, KY 40258

Phone: 502-933-7678

Email: miguel.zamora@@louisvilleky.gov

Total Project Cost: Approximately \$750,000

KPRCM Grant Application

Funds will be used to continue to improve the port's primary load handling infrastructure. The LRA will replace the 30+ year old bucket used to load / unload materials and replace a similarly aged hopper system used to facilitate transloading of bulk materials from barge to truck. Replacing these two key pieces of equipment will improve efficiency and decrease shrinkage leading to enhanced client service and profitability. Work facilitated by the 2024 KPRCM program unexpectedly increased the port's crane handling capacity from 30 tons to 42 tons. To utilize this added lift capacity, the crane's gantry superstructure must be examined and modified to handle the increased weight.

The Louisville Riverport Authority (LRA) has been a centerpiece of economic growth and development for over three decades. Its dock has a 30-ton gantry crane on Mile 618 of the Ohio River. Its rail transloading facility is comprised of 300 acres of riverfront property that is served by three railroads: CSX, NS and PAL.

Last year, the terminal at Jefferson Riverport transloaded over 200 barges and ~600 rail cars carrying steel products, bulk commodities for cement manufacturing, locally produced fertilizer, and many other products.

Form TC 59-113 Attached

Statement of Work

The LRA's port operations play a critical role in the Commonwealth's economic vitality and growth. By delivering most of the bulk commodities to Kentucky's largest cement producer, the economies offered by barge transportation contribute to the competitiveness of our region's building, construction and transportation infrastructure sectors.

Last year, the LRA's port operations handled over two thousand 23-ton steel coils from both river and rail. Almost all the steel coils that are manufactured into steel conduit products at the Nucor Tubular Plant in Louisville arrive by barge or rail at the Port, where they are staged for just-in-time delivery. Barge deliveries from the Nucor Gallatin plant take hundreds of trucks off the congested I-71 corridor annually. Barges deliver Nucor coils for local customers and for transloading to the NS Railroad for long distance delivery. In this for the transportation application.

The 2024 KPRCM program facilitated a total refurbishment of the port's barge transloading crane. When complete, the refurbished crane will operate better than when it was new due to a conversion from DC controls and motors to an AC system that will result in nearly equal travel and lifting speeds and added lift capacity of 12 tons (from 30 to 42 tons). The LRA wishes to capitalize on these improvements by retrofitting the crane's gantry structure to accept the additional load capacity and replace the 30-year-old bucket and the hopper system used to transload bulk materials at the port.

Scope of Work

The LRA's 30-ton gantry crane transloads barges carrying bulk commodities, steel, aluminum, fertilizer, aggregates, utility poles and coal. Built in 1989, by the time the work for this grant is begun, it will have been completely rehabilitated to better than new condition, including an increase in lift capacity to 42 tons. Working with the port's terminal operator and lessee, Port of Louisville, the LRA will seek to make the following improvements to the crane and its operating equipment.

Phase I

- Procure Equipment
 - New Bucket for the Crane
 - New Hopper System for the dock / crane system

Phase II

- Retrofit the crane's gantry superstructure so that it will support the additional lift capacity made available by the improvement project currently underway

- Evaluate the gantry structure's current condition and load handling ability and determine what improvements or additions are required to increase its load handling capacity.
- Execute the improvements identified as necessary for the gantry structure to support increased load weights.

Purchase Quote

- The purchase of services and equipment will be executed through the Commonwealth's competitive bid process or via the Commonwealth's approved vendor list
- Budgetary estimates for the Bucket and Hopper System are attached. Gantry crane improvements will be bid separately and total costs will be determined by the evaluation made by the winning bidder.

Project Schedule/ Timeline

- **Phase I**
 - Prepare draft bid packages for advertisement **before** grant is awarded
 - When the grant is awarded, allow **one week** for final agreement with KYTC
 - **Four weeks** to publish the bid packages, allow for industry response and select winning bid
 - Once the vendors/contractors have been selected, **six months** to mobilize the parts and equipment to the job site from execution of contract.
- **Phase II**
 - Once vendor / contractor selection for Phase I is complete, prepare a draft bid package for advertisement
 - **Six weeks** to publish the bid package, allow for industry response and select winning bid
 - Work to commence within 14 days of the contract being awarded with completion depending upon the determination of structural modifications required.

Photographs of the Equipment

- Photos of the LRA's gantry crane and a hopper system similar to what will be installed are included.

Engineering Plans/Specs

- Drawings for the Hopper System are provided. Specifications for the Hopper System and Bucket are provided in the budgetary estimates.

Copies of Correspondence with State and Federal Agencies

- Non-Applicable

Annual Affidavit for Bidders Offerors and Contractors

- Affidavit attached





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

Table with applicant information including Public Riverport Name (Louisville Riverport Authority), Total Project Cost (\$750,000.00), KPRCM Fund (\$750,000.00), Street Address (6900 Riverport Drive #A), City (Louisville), State (KY), ZIP (40258), Contact Name & Title (Miguel A. Zamora II), Phone (502-935-6024), and Email (miguel.zamora@louisvilleriverport.com).

SECTION 2: PROJECT DESCRIPTION

Table with Project Title (NE Gantry Superstructure Upgrade & Crane & Wharf Equipment Replacer) and Duration (0 months, 3 weeks).

FACILITIES AFFECTED BY THE PROPOSED PROJECT

Owned by Riverport Authority (checked) Leased to: (unchecked)

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.)

The LRA's port operations play a critical role in the Commonwealth's economic vitality and growth. By delivering most of the bulk commodities to Kentucky's largest cement producer, the economies offered by barge transportation contribute to the competitiveness of our region's building, construction and transportation infrastructure sectors. Last year, the LRA's port operations handled over two thousand 23-ton steel coils from both river and rail. The steel coils transloaded at the Port provide our region's advanced manufacturing of automobiles and appliances with a comparative advantage in global markets. The 2024 KPRCM program facilitated a total refurbishment of the port's barge transloading crane systems. When complete, the refurbished crane will operate better than when it was new due to a conversion from DC controls and motors to an AC system that will result in nearly equal travel and lifting speeds and added lift capacity of 12 tons (from 30 to 42 tons). The LRA wishes to capitalize on these improvements by retrofitting the crane's gantry structure to accept the additional load capacity and replace the 30-year-old bucket and the hopper system used to transload bulk materials at the port. These additional investments in the riverport's material handling systems will leverage improvements made possible via last year's investment and improve the ports service capabilities, efficiency and operating profile. (Section 3. of this application is n/a)

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

Table with Traffic Comparison: Trucks per day (96 current, 95 after), Train cars per week (10.3 current, 10.3 after), Barges per week (5 current, 5 after).

FOR KYTC USE ONLY

Form for KYTC use only including Date Received, Application Complete, Eligible Applicant, Permits Needed, WTAB Approval, Sec. Approval, Award Amount, Award Date, Notification of Award, MOA #, and Notice to Proceed.



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 type="checkbox"/>
Has state and federal agency consultation determined permits are needed?	<input type="checkbox"/>	<input type="checkbox"/>
Have all required permits (environmental, encroachment, etc.) been obtained?	<input type="checkbox"/>	<input 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
Miguel A. Zamora II, Executive Vice President		5/30/2025

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



Memo

To: FILE

From: Miguel Zamora

cc: Steve Miller

Date: May 30, 2025

Re: 2025 KPRCM Budgetary Estimates

Hopper System - \$313,000.00

Bucket – \$306,694.00

Gantry Evaluation and Enhancements - \$130,306.00

From: [Jim Adams](#)
To: [Miguel A. Zamora II](#)
Subject: Hopper Quote
Date: Friday, May 30, 2025 9:52:02 AM

Adam,

Revised quote.

22' 3" x 17' x 24' 3 1/2" tall heavy duty hopper ..\$136,000.00

Clam gate 2' x 12' hydraulic controlled...\$28,000.00

6-3 HP electric vibrators...\$68,000.00

3/4" thick Tivar 88 (UHMW) hopper liner.....\$50,000.00

Freight, crane and set up on existing foundations or new foundations next to existing hopper...
31,000.00

Budget Price \$313,000.00 plus tax, foundations if needed next to existing hopper and field wiring.

** steel may be going up very soon so price subject to change..

Price subject to change after final design and engineering review

We could add vibrators to your current hopper, also could line your hopper with Tivar 88

Lots of options, let me know how to proceed, thanks Bill

I have your paper drawings I will drop off.

William Hart, Jr.

RBT Services, Inc.

[218 Corporate Drive](#)

[Elizabethtown, KY 42701](#)

270.763.6649

Fax 270.763.6653

Cell 502.648.9315

Best,

Jim Adams
502-303-8280

Mack Manufacturing, Inc.
P.O. Box 1559
Theodore, AL 36590
PH: 251-653-9999 Fax: 251-653-1365
Sales@mackmfg.com

May 30, 2025

Mr. Jim Adams
Louisville Port Authority
Louisville, KY

E-mail: jadams@portoflouisville.com

Dear Mr. Adams,

Thank you for the opportunity to quote a Mack Bucket to you. Per your request, please review the following quote:

Model:	MHSCH-2100S
Description:	Material Handling, Electro-Hydraulic, Self Contained Bucket
Capacity:	21-Cubic Yard Heaped Capacity with spill plates
Weight:	31,800-Lbs. with oil. We do not supply oil with our buckets.
Phy. Dwg.	2-3-0-1343A
Price:	\$306,694.00
Terms:	20% down with the order, with the remainder to be determined following credit evaluation. Delivery is currently running 24 weeks, after receipt of the down payment, based on our current commitments. F.O.B. Theodore, AL. This quote is valid for a period of 60 days.

Prices quoted do not include any taxes which may be applicable to your location.

Mack Hydraulically Operated Clamshell Bucket and Grapple Features

- ASTM-A514 (T-1) steel plate is used in manufacturing. 400 brinell wear plate is used in high wear areas that come in contact with the product.
- To ensure the highest standards of fabrication, all welders are certified.
- Oversized bushings are used at hinge points (bearing area) for longer life.
- All shafting is heat-treated and stress-relieved 4140 material. All standard steel bushings are hardened to 450-500 brinell.

- Premium replaceable-point teeth are installed on all grapple tine points and clamshell buckets requiring teeth.
- All hinge points are easily lubricated.
- All cylinders are heavy-duty and manufactured by Mack.
- Hoses and hydraulic fittings are flat face seals or split flange.
- Over 80 years of experience in manufacturing grapples and clamshell buckets.

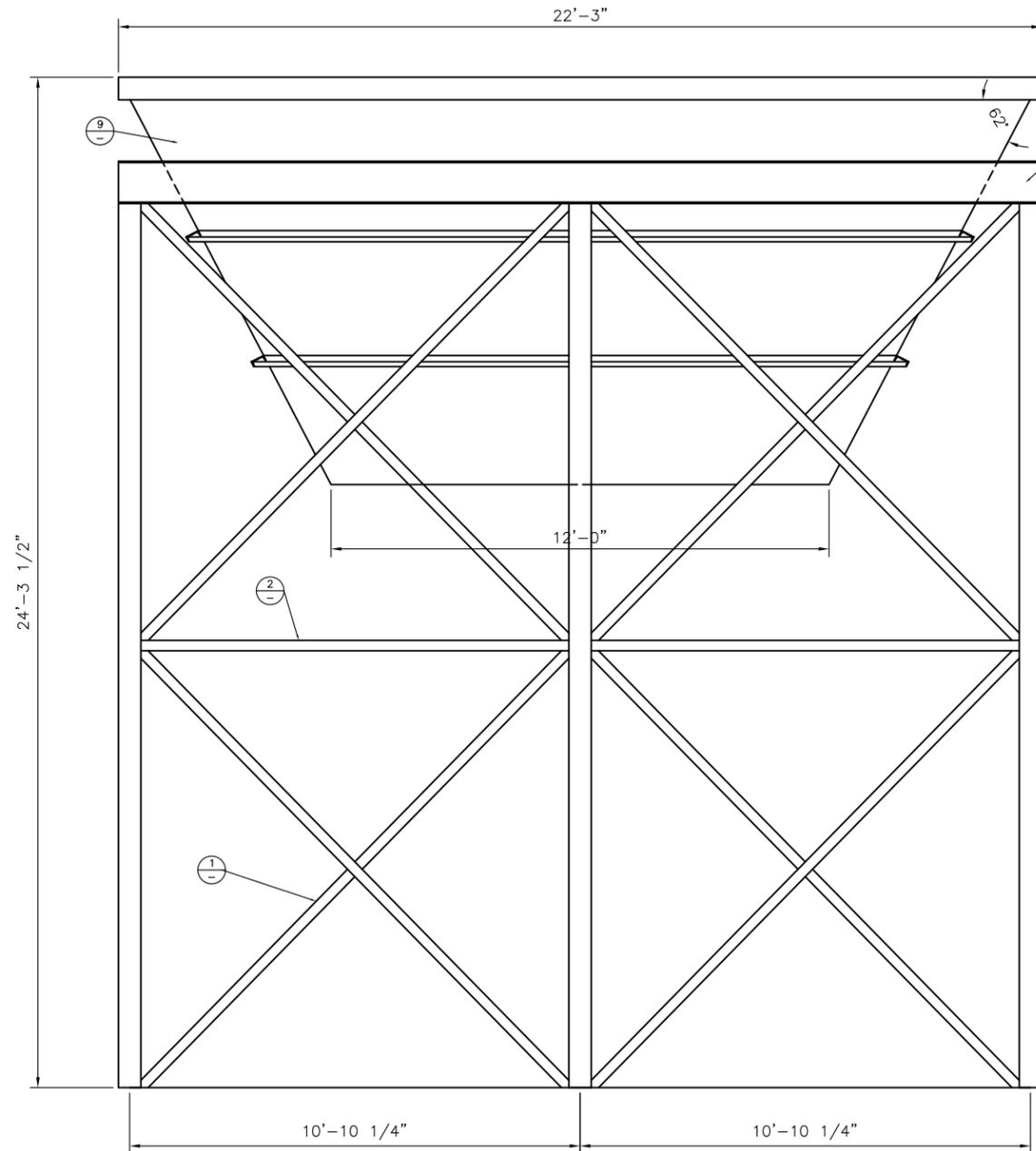
Trusting the foregoing meets with your approval and offering our services to you at anytime,

Best Regards,

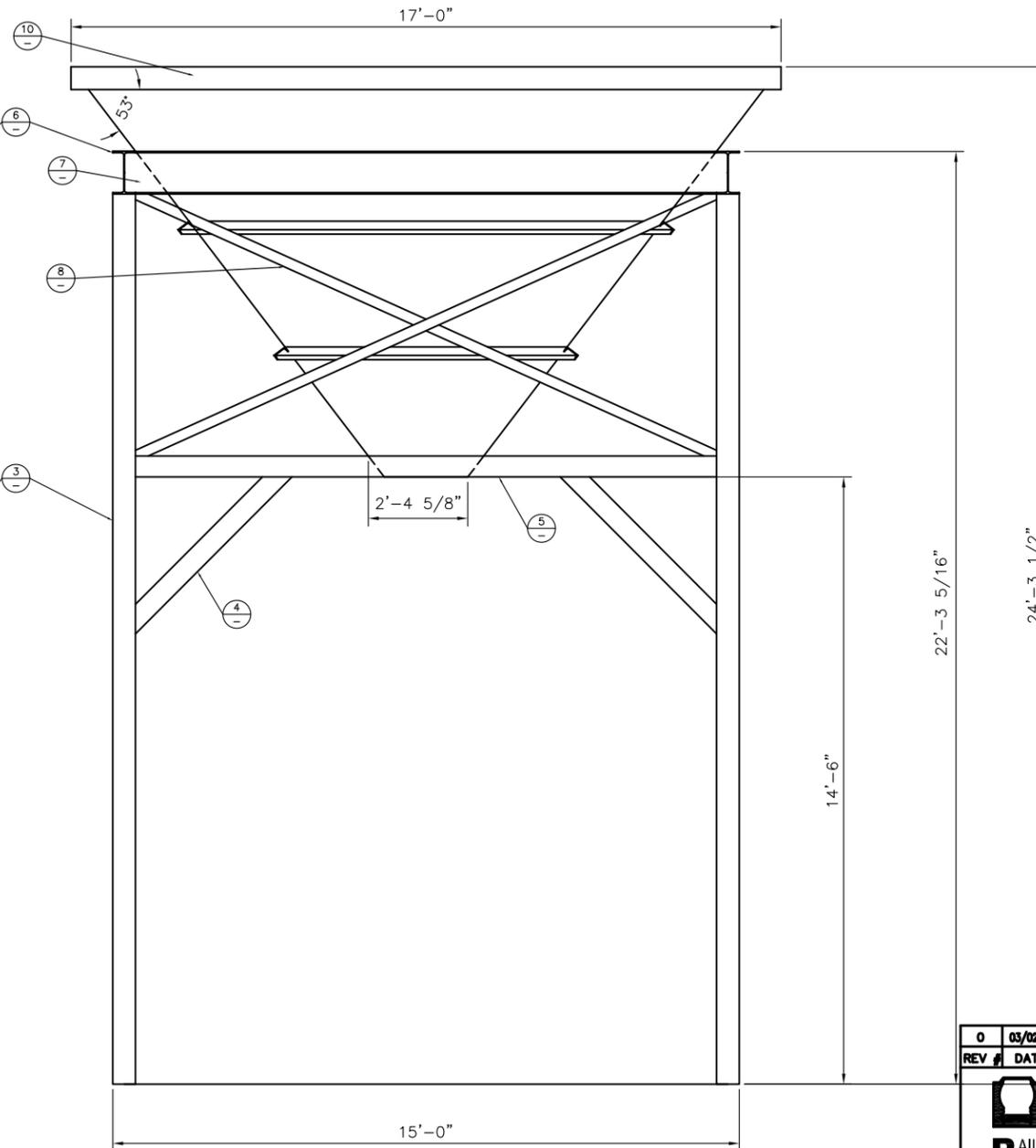
Craig M. Mizell
Sales & Service
Mack Manufacturing, Inc.
7205 Bellingrath Road
Theodore, AL 36582

Office: (251) 653-9999

BILL OF MATERIAL LIST					
PART NO.	WEIGHT	DET	QTY	DESCRIPTION	REMARKS
.	1696	1	16	L 3X3 X 3/8" X 14'-8 5/8"	.
.	296	2	4	L 3X3 X 3/8" X 10'-3 3/4"	.
.	3510	3	6	TS 6X6 X 3/8" X 21'-3 1/16"	.
.	584	4	4	TS 6X6 X 3/8" X 5'-3 9/16"	.
.	766	5	2	TS 6X6 X 3/8" X 13'-11"	.
.	1158	6	2	W12X26 X 22'-3"	.
.	752	7	2	W12X26 X 14'-5 1/2"	.
.	110	8	4	L 3X3 X 3/8" X 15'-3 1/8"	.
.	6631	9	2	MS 3/8" X 9'-9 1/2" X 22'-3"	.
.	5066	10	2	MS 3/8" X 9'-9 1/2" X 17'-0"	.
WT OF STEEL: 20568					



SIDE VIEW
SCALE: 1/2"=1'



FRONT VIEW
SCALE: 1/2"=1'

0	03/02/21	RELEASED FOR REVIEW	BTF
REV #	DATE	DESCRIPTION	BY:

RAIL BARGE TRUCK SERVICES, INC.

218 CORPORATE DRIVE
ELIZABETHTOWN, KY 42701

PHONE: (270) 763-6649
FAX: (270) 763-6653
e-mail: sales@rbsi.com

DESCRIPTION: HOPPER			
DRAWN BY: BTF	DRAWN DATE: 03/02/21	APPROVED BY:	APPROVED DATE:
CHECKED BY: BILL JR	CHECKED DATE: 03/02/21	SHEET NUMBER:	OF
CUSTOMER: PORT OF LOUISVILLE	JOB NO:	SCALE:	NOTED
LOCATION: LOUISVILLE, KY	DWG NO:	3334-01-01A	

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KINDER MORGAN

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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.

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.

Signature: [Handwritten Signature]
Title: Vice President

Printed Name: Miguel A. Zamora
Date: 6/7/2024

Bidder or Offeror Name: Louisville Riverport Authority
Address: 6900 Riverport Dr. STE A
Louisville KY 40258

Commonwealth of Kentucky Vendor Code (If known):

Subscribed and sworn to before me this 7 day of June, 2024.

State of: Kentucky

Notary: [Handwritten Signature]

County of: Jefferson

Expires: May 24, 2027

