

SPECIFICATIONS

Waterborne High Build Traffic Line Paint

1. **CONTRACT SCOPE/OVERVIEW:** The Invitation for Bid (IFB), identified here and in the other documents as the “Contract”, will cover the requirements of the Commonwealth of Pennsylvania Department of Transportation (PennDOT) for Waterborne High Build Traffic Line Paint.

2. **BIDDING INFORMATION:** Bidders must enter bid pricing into the attached Waterborne High Build Traffic Line Paint Bid Sheet (**Attachment A**) and submit it along with the electronic bid response.

The following documents are required to be completed and returned/attached with your electronic bid. These are in addition to any other requirements to submit documentation within the bid specifications. Bids may be rejected for failure to complete and return required documents.

- Attachment A – Waterborne High Build Traffic Line Paint Bid Sheet in Excel format. Do not provide in PDF format. Failure to return this document or to return it without bid pricing will result in the bid being rejected.
- State of Manufacture Chart (This is the Reciprocal limitations Act GSPUR-89 included as Attachment B to this Solicitation)
- Attachment C – Worker Protection and Investment Certification Form
- Attachment D – Supplier Information Form
- Supplier’s Plan for Disposition or Reconditioning of Empty IBCs
- Copy of active Department of General Services (DGS) Certified Small Business certification (if applicable)

3. **BID SHEET:** Attachment A – Waterborne High Build Traffic Line Paint Bid Sheet consists of three separate worksheets: Formula Cost Submittal, White Waterborne High Build Traffic Line Paint Cost Breakdown Form, and Yellow Waterborne High Build Traffic Line Paint Cost Breakdown Form.

3.1 **FORMULA COST SUBMITTAL:** Suppliers shall submit a **Cost per Gallon** for each formula they are bidding.

The Commonwealth is accepting bids for the following White Waterborne Traffic Line Paint formulas:

State Test Deck/Year	Manufacturer	Data Mine Number
Pennsylvania - 2018	Sherwin-Williams	PMM-2018-01-085
Pennsylvania - 2018	Sherwin-Williams	PMM-2018-01-077
Pennsylvania - 2018	Ingevity	PMM-2018-01-365
Pennsylvania - 2018	Ennis-Flint	PMM-2018-01-308
Wisconsin - 2022	Ennis-Flint	PMM-2022-01-121
Wisconsin - 2022	Ennis-Flint	PMM-2022-01-119
Wisconsin - 2022	Ennis-Flint	PMM-2022-01-117
Wisconsin - 2022	Sherwin-Williams	PMM-2022-01-084
Wisconsin - 2022	Sherwin-Williams	PMM-2022-01-082
Wisconsin - 2022	Sherwin-Williams	PMM-2022-01-078
Wisconsin - 2022	Ingevity	PMM-2022-01-061

and Yellow Waterborne Traffic Line Paint formulas:

State Test Deck/Year	Manufacturer	Data Mine Number
Pennsylvania - 2018	Ingevity	PMM-2018-01-066
Pennsylvania - 2018	Ingevity	PMM-2018-01-366
Wisconsin - 2022	Ennis-Flint	PMM-2022-01-122
Wisconsin - 2022	Ennis-Flint	PMM-2022-01-120
Wisconsin - 2022	Ennis-Flint	PMM-2022-01-118
Wisconsin - 2022	Sherwin-Williams	PMM-2022-01-079

3.2 WHITE WATERBORNE HIGH BUILD TRAFFIC LINE PAINT COST BREAKDOWN FORM:

Suppliers shall submit a separate White Waterborne High Build Traffic Line Paint Cost Breakdown form for each formula's bid price.

The following information must be completed on each White Waterborne High Build Traffic Line Paint Cost Breakdown form:

Cost per gallon of White Waterborne High Build Traffic Line Paint

3.3 YELLOW WATERBORNE HIGH BUILD TRAFFIC LINE PAINT COST BREAKDOWN FORM:

Suppliers shall submit a separate Yellow Waterborne High Build Traffic Line Paint Cost Breakdown form for each formula's bid price.

The following information must be completed on each Yellow Waterborne High Build Traffic Line Paint cost breakdown form:

Cost per gallon of Yellow Waterborne High Build Traffic Line Paint

4. METHOD OF AWARD: Award will be made to the lowest responsive and responsible bidder.

5. QUALIFICATIONS: Award is limited to those suppliers approved in PennDOT Bulletin 15 who can supply lead free, waterborne paints that satisfy the specifications for WATERBORNE HIGH BUILD TRAFFIC LINE PAINT, dated July 2, 2026, included as **Attachment E** to this solicitation. Suppliers may bid any paint formula that is approved in writing by PennDOT prior to the bid opening date. Materials shall be controlled in accordance with Section 106 of Publication 408, current version.

6. NOTIFICATION OF SAMPLING AND TESTING REQUIREMENTS: It is the responsibility of the supplier to contact the PennDOT Bureau of Construction & Materials, Laboratory Testing Section (LTS), 81 Lab Lane, Harrisburg, PA 17110 (phone 717-787-4720) within seventy-two (72) hours of notification of award to arrange for materials sampling and testing.

7. POST AWARD CONFERENCE: The Department may, at its discretion, schedule a post-award conference with the supplier(s) prior to placing any orders to review contract requirements.

8. PACKAGING REQUIREMENTS: This section refers to the PennDOT Specifications – attached to this solicitation as **Attachments F and G**.

Paint shall be supplied in re-usable cylindrical 275-gallon polyethylene IBCs per the attached specifications. The IBC will remain the property of the supplier and the supplier is responsible to retrieve the IBC from the Department within fifteen (15) days after written notification, or at the time of a subsequent delivery.

Suppliers shall comply with the regulations set forth in "40 CFR" and "49 CFR" for the transportation, reuse or disposal of all empty IBCs. **Suppliers shall submit with their bid, a plan regarding the disposition or**

reconditioning of empty IBCs for review and approval by PennDOT. Suppliers should include with their bid, the cleaning methods and inspection process of IBCs prior to filling them with paint.

The supplier shall reimburse the Department for any clean-up cost incurred due to IBCs that are leaking or damaged at the time of delivery.

9. DELIVERY: Delivery shall be made FOB Destination to PennDOT, District 2- Centre County located at 3534 Port Matilda Highway, Philipsburg, PA 16866. IBCs shall be shipped on flatbed trucks only. **The Department may refuse shipments that are not made on flatbed trucks.** The supplier shall contact the District Office prior to shipment to notify them of their intent to ship. The supplier or truck driver should also contact the County Maintenance Office at least twenty-four (24) hours prior to delivery to arrange for acceptance of the order. The name and telephone number of a contact person will appear in the Purchase Order.

Deliveries are accepted Monday through Friday between the hours of 7:00 AM and 12:00 noon excluding state holidays, unless other arrangements are approved by the Department contact person.

10. EMPTY CONTAINER REMOVAL: Prior to removal of empty IBCs, the supplier shall contact the Department to notify them of the intent to pick up empties. The supplier or truck driver shall contact the County Maintenance Office at least twenty-four (24) hours prior to pick up. Pickups are accepted Monday through Friday between the hours of 10:00 AM and 1:00 PM excluding state holidays, unless the Department contact person approves other arrangements.

It is the responsibility of the Department to use Commonwealth equipment to place the fully discharged IBCs onto the truck as directed by the supplier's truck driver.

Pickups of empty IBCs shall be made via flatbed trucks only. The Department may refuse to load empty IBCs if a flatbed truck is not sent for pickups.

IMPORTANT NOTE: It is the supplier's responsibility to ensure the totes being picked up meet the guidelines for being fully discharged. Once the vendor removes the IBCs from PennDOT locations, they are considered to have been accepted as fully discharged. The department shall not be responsible for any costs associated with removing residual paint in the IBCs once the IBCs are removed from PennDOT locations.

11. CERTIFICATION: Prior to shipping paint, the supplier shall notify the Bureau of Construction & Materials of any change in the source of raw materials or in the methods of manufacture:

- Paint accepted based on certification.
- When a batch is filled off, submit a copy of the required test results to the LTS for verification of compliance with PennDOT specifications.
- Specify the type of material and company lot number, on the certificate of compliance, for cross-referencing to the bill of lading.
- Have a responsible company official sign the certification.
- Obtain two (2) verification samples (1 pint each) from each batch used for PennDOT shipments. One sample forwarded to LTS for verification testing. The supplier shall retain one (1) pint for six (6) months. Batches representing greater than 10,000 gallons will require one sample being sent to the LTS for each 10,000 gallons.
- Use a form acceptable to the Bureau of Construction & Materials, containing the following information:
 1. Statement that material was tested and meets PennDOT specifications
 2. Type of material
 3. Company lot identification
 4. Date of Shipment
 5. Producer's name and location
 6. Consignee's name and location

7. Quantity (gallons)

12. LEVELS OF CERTIFICATION: Material provided by a manufacturer listed in PennDOT Bulletin 15, Approved Construction Materials, is approved for use only in its intended application(s). Manufacturers are assigned a Level of Certification, based on their ability to comply with the specifications, as follows:

- **LEVEL 1** – Test material at the minimum frequency identified in the approved quality control plan. Ship on the basis of certification.
- **LEVEL 2** – Test material at an increased frequency, as identified in a revised quality control plan, coordinated with the Bureau of Construction and Materials. Continue to ship on the basis of certification. Submit an action plan to demonstrate how material and processes are controlled to ensure the product consistently meets specification requirements.
- **LEVEL 3** – Test material at LEVEL 2 frequency and arrange for additional testing at the Level 2 frequency by an independent laboratory. Correlate test results from in-house and independent lab and continue to ship on the basis of certification.
- **LEVEL 4** – Test material at LEVEL 2 frequency and arrange for additional testing at the LEVEL 2 frequency by an independent laboratory. Correlate test results from in-house and independent lab. Certify that the material meets specifications; submit samples to LTS for verification; and ship, only after notification of acceptable lot test results from the Bureau of Construction and Materials.

Failure to advance above this level of certification will result in PennDOT initiating action for suspension/removal of the manufacturer from Bulletin 15 in accordance with the Commonwealth's Contractor Responsibility Program.

13. QUALITY CONTROL, VERIFICATION AND QUALITY ASSURANCE SAMPLES: The following limits are established to demonstrate compliance with the below physical testing values, based on the LTS's testing of approved paint formulations, as placed in the test deck on which the formulation was approved.

Viscosity (Krebs)	± 12% using ASTM D562
Weight per Gallon	± 1.8% using ASTM D1475
Volatiles	± 4.7% using ASTM D2369
% Pigment	± 1.05% using ASTM D4451

In addition, the quality control, verification and quality assurance sample testing shall meet the requirements of Sections 2 and 3 of the attached Specifications for WATERBORNE HIGH BUILD TRAFFIC LINE PAINT, dated July 2, 2026 – **Attachment E**.

The sample parameter values for approved paint formulations are derived during the lab test portion of the NTPEP paint evaluation. These values are used in conjunction with the above ranges for all quality control, verification and quality assurance samples. The approved test methods for weight per gallon, % total solids, viscosity, contrast ratio and reflectance are noted in Table I of the attached Specifications for WATERBORNE HIGH BUILD TRAFFIC LINE PAINT – **Attachment E**.

14. DISPOSITION OF NON-SPECIFICATION MATERIAL: All paints and materials furnished under this contract shall meet the criteria noted above and the applicable sections of the attached specifications. If material delivered to the Department is suspected of not meeting specification requirements, or if quality assurance or lot verification samples do not meet the criteria established in these contract provisions, the Department will conduct a follow-up evaluation. If the follow-up evaluation confirms the traffic paint does not meet the testing or specification criteria, the supplier is required to replace the rejected paint within twenty (20) days after notice of such rejection at no additional cost to the Commonwealth.

15. **SHELF LIFE REQUIREMENTS:** All paints and materials furnished under contract shall have a minimum shelf life of nine (9) months. Shelf life is the period during which the product is satisfactory in every respect for use and is calculated from the date of manufacture to the Department. The Department will return to the manufacturer any material that does not perform as intended within nine (9) months for replacement by the manufacturer within twenty (20) days. The manufacturer shall assume all costs associated with pick-up and replacement of material.
16. **INVOICING:** The PA Office of the Budget has initiated an E-Invoicing program that enables vendors to submit invoices via email. Submitting invoices via email enables vendors to save printing and postage costs, paper supplies, and mailing time needed to transmit paper invoices. The program's guidelines are available on the E-Invoicing website, located at <http://www.budget.pa.gov/programs/pages/e-invoicing.aspx>
17. **INQUIRIES:** All questions regarding this procurement should be directed to Jodi Wilson, jodwilson@pa.gov, prior to Wednesday, July 15, 2026, at 10:00 am eastern standard time. All questions and answers will be posted to the solicitation in eMarketplace for public viewing.
18. **BID OPENING:** A public bid opening will be held virtually via Microsoft Teams. Please contact Jodi Wilson, jodwilson@pa.gov, for a meeting invitation.
19. **Executive Order 2021-06. Worker Protection and Investment:** Pursuant to Executive Order 2021-06, Worker Protection and Investment (October 21, 2021), the Commonwealth is responsible for ensuring that every Pennsylvania worker has a safe and healthy work environment and the protections afforded them through labor laws. To that end, contractors and grantees of the Commonwealth must certify that they are in compliance with all applicable Pennsylvania state labor and workforce safety laws. Such certification shall be made through the Worker Protection and Investment Certification Form (BOP-2201) and submitted with the bid, proposal or quote.