



STATE OF TENNESSEE  
CENTRAL PROCUREMENT OFFICE

**INVITATION TO BID # 32110-13288**  
**AMENDMENT # 1**  
**Highway Markings and Accessories**

**DATE: April 4, 2024**

**ITB # 32110-13288 AS CONTINUATION TO RFI #32110-13258 IS AMENDED AS FOLLOWS:**

**1. State responses to questions and comments in the table below amend and clarify this ITB.**

Any restatement of RFI text in the Question/Comment column shall NOT be construed as a change in the actual wording of the RFI document.

QUESTION / COMMENT	STATE RESPONSE
<p>1. Item #1- Item #20 and Item #38 and Item #39 - ID #'s 1000134412, 1000134427, 1000135131, 1000136244, 1000134428, 1000134424, 1000134425, 1000134422, 1000135133, 100013421, 1000135132, 1000134426, 10001351323, 1000134426, 100134417, 1000134420, 1000134419, 1000134410, 100134411, 1000135135, 100134413, 1000135136, 1000134467, and 1000134423 - Is digital printing on these items acceptable if all procedures are done by sheeting manufacturer recommendations?</p>	<p>Digital printing is allowed for these items.</p>
<p>2. Item #18 Item# 1000135135 what is considered a 3 color print?</p>	<p>A "3 color print" is defined as three colors on one sign. This includes the film placed on the sign blank, plus two more colors.</p>

<p>3. Item #19 Item# 1000134413 what is considered a 3 color symbol?</p>	<p>A “3 color symbol” is defined as three colors on one symbol. This includes the base film plus two more colors.</p>
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<p>4. Item #72 - Item #73 ID#s1000135468 and 1000021873 These Items are asking for third party testing. Does crash test 350 meet that requirement? Also, if these products are on the QPL List does it still need third party testing?</p>	<p>No, the NCHRP-350 crash test doesn't meet the Specifications alone. These signs must have a manufacturer provided letter from an accredited test facility that states that the stand with a sign attached meets the standard of NCHRP-350 or MASH <u>and</u> has an FHWA acceptance letter (or sufficient documentation to establish FWHA acceptance).</p> <p>Additionally, these products shall display a sticker stating that it is in compliance with NCHRP-350 or MASH.</p> <p>All stands listed on the QPL have already been tested and meet the Specifications.</p>
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<p>5. Item #33-Item #36 ID #'s 1000186193, 1000190432, 1000190431 1000185943 - Can these items be digital printed if all procedures are done by sheeting manufacturer recommendations?</p>	<p>Digital printing is allowed for these items.</p>
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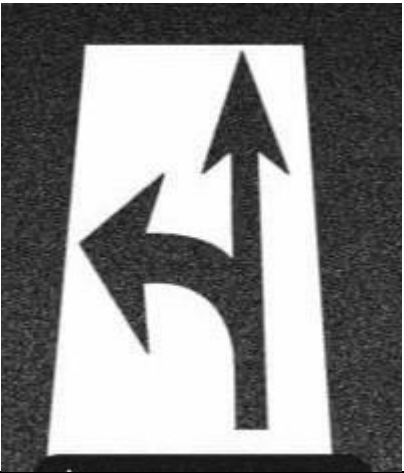
<p>6. Item #79- Item #80 ID #'s1000186191, 1000186192 – These are vehicle tape only, these do not have any type of chevron pattern on them, these are used as stripping only.</p>	<p>These item descriptions have been updated to remove the word, “Chevron”.</p>
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<p>7. Item #205 - ID Item #100072401 - The specification on this drum is very confusing. Does it need a snap on removeable base with a storage compartment for ballast or a 25lb tire ring? If this drum is listed on the QPL list, does it still have to have third party testing? Is 350 crash test considered third-party testing?</p>	<p>The Evaluation Model has been updated to reflect that either a storage compartment for ballast or a 25 lb tire ring are acceptable options.</p>
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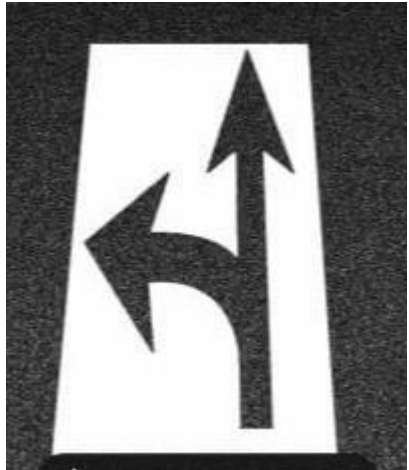
<p>8. Item #214- Item #222 - Since the feet and legs will be the same per each item# will these be listed with part# according to the length of the boards, or will they be grouped as they are now and one price to cover all lengths of the boards? Also are the barricade supposed to have high Intensity Prismatic sheeting or a higher grade of sheeting?</p>	<p>These items are designed to be priced per foot. Therefore, each unit price should represent the cost of one (1) foot of length and will be multiplied by the amount of feet ordered per barricade.</p> <p>Sheeting should be made of AASHTO M268 Type B sheeting or better.</p>
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<p>9. In the Pre-Bid Conference it was mentioned that the sheeting specification/requirements have changed on the drums. What are the new requirements? Has the sheeting specification/requirements changed on any of the other items on the bid?</p>	<p>In the Pre-Bid Conference, it was mentioned that the Specifications for flexible drum barricades had been updated recently and all bidders were reminded to fully read the Specifications as the new requirements were as written in this procurement.</p> <p>No, there are no other changes to the sheeting requirements for this bid other than what is written in the Specifications and represented in the</p>
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	Evaluation Model.
<p>10. I know in the past that the categories have been broke down into the sub-categories, will that still be the allowed this time?</p>	<p>Yes, the language on the “Instructions” tab of the Evaluation Model has been updated to indicate that the State intends to award a contract in each group of subcategorized line items (A, B, C, etc.) as detailed in the Terms and Conditions, Section 2.1.</p>
<p>11. Why do some line items for Group 3 – Subcategory A – request the item to be based on current QPL 1.B.2. and some do not?</p>	<p>Items listed in red in the Evaluation Model are required to meet the Specifications listed within the QPL. Those listed as being “based on current QPL 1.B.2.” must match the item(s) approved in the current QPL 1.B.2. regulation.</p>

<p>12. Can you provide a drawing for Bid Item #176 – Marking, pavement, beaded, fillet for left-double curve or right-double curve, white, .125mil. (Minimum)?</p>	
<p>13. For Bid Item #180 – Marking, pavement, beaded, RR, package, white, consisting of 2 RR's and one roll 16 in. x 44 ft. for x, .125 mil. (Minimum) – will flats be accepted instead of rolls? Not everyone in this QPL group offers material in rolls.</p>	<p>Yes, flats are acceptable at 0.125 mil. (minimum).</p>
<p>14. I was looking at this RFI: SWC 126 Highway Markings and Accessories. I noticed it talked about signs. Would this involve any aspect of designing graphics for the signs, or would it just be making and installing the signs?</p>	<p>The Contractor will not be involved in designing graphics.</p>

<p>15. In reference to Group 3: Pavement Markings, which encompasses Subcategory Groups A, B, C, and D, the current requirement is for respondents to submit bids for all lines within the selected group collectively, with the stipulation that all items must be listed on the Qualified Products List (QPL). However, it has come to our attention that there may not be a single approved vendor capable of providing all necessary materials across these four subcategories. Can you confirm whether there are indeed approved vendors on the QPL who can fulfill the requirements for all subcategories within a group? If not, could we consider revising the bidding structure to allow for more flexibility in sourcing from multiple vendors to ensure all subcategory needs are met?</p>	<p>The State cannot confirm the existence of any such manufacturer, therefore the language on the "Instructions" tab of the Evaluation Model has been updated to indicate that the State intends to award a contract in each group of subcategorized line items (A, B, C, etc.) as detailed in the Terms and Conditions, Section 2.1.</p>
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<p>16. Could you please provide a drawing of bid item #176 from Group 3 – Pavement Markings?</p>	
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<p>17. Will the agency consider awarding Group 3 - Pavement Markings by Group 3 Sub-Categories versus by the entire Group?</p> <p>As stated during this morning's pre-bid conference, awarding by the entire Group limits competition and also the agency's ability to receive bids direct from manufacturers. Manufacturers of preformed thermoplastic pavement markings do not manufacture raised pavement markers [sub-category B] nor the tape products [sub-category C and D] and vice versa.</p>	<p>Yes, the language on the "Instructions" tab of the Evaluation Model has been updated to indicate that the State intends to award a contract in each group of subcategorized line items (A, B, C, etc.) as detailed in the Terms and Conditions, Section 2.1.</p>
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<p>18. I am just seeing this email due to being out of office. Is it too late to participate? Are you looking for a DBE supplier?</p>	<p>No, it is not too late to participate in this solicitation. Attendance at the Pre-Response Conference was not a mandatory requirement of this procurement.</p> <p>The State seeks to procure necessary goods or services at the most favorable, competitive prices and to give ALL qualified respondents, including those that are owned by minorities, women, service-disabled veterans, persons with disabilities and small business enterprises, an opportunity to do business with the state as contractors, subcontractors or suppliers.</p>				
<p>19. TDOT makes mention of AASHTO M268 Type D sheeting in the bid document specifications, but does not request Type D anywhere on the Attachment A QPL Line Items to bid. Does TDOT intend to request Type D variants of certain line items for bid? Type D does exist in current TDOT sign specifications (916.06 and 916.07). It may be advantageous for TDOT to have options for procuring this material going forward, via this contract.</p>	<p>Attachment A – QPL Line Items – is a listing of all of the Line Items in Attachment B – Evaluation Model that must meet the Specifications of the QPL. There is no place to put a bid in Attachment A.</p> <p>If Type D sheeting is requested, it must meet AASHTO M268. All of the sheeting in this bid is listed as Type B AASHTO M268 or better.</p>				
<p>20. Thank you for your quick response. Group 3 pavement markings specification fits subgroup A.</p> <p>a) No Pre-Heat Preformed, Pre-Beaded, Thermoplastic Pavement</p> <p>This material shall meet the requirements of specification titled "Preformed, Thermoplastic Pavement Markings", and the additional requirements listed below.</p> <p>Subgroup B is a raised pavement marker that you might want separated, and there is no specification listed for them.</p> <p>Subgroup C is referencing "Type B" and you can see that it is not a pavement marking material and is not typically sold by preformed thermoplastic manufacturers.</p> <table border="1" data-bbox="201 1360 878 1549"> <tr> <td data-bbox="201 1360 451 1436">Type B</td> <td data-bbox="456 1360 878 1436">Retroreflective sheeting materials meeting Type B are typically constructed of unmetallized microprismatic optics. These triangular microprismatic materials do</td> </tr> <tr> <td data-bbox="201 1442 451 1549"></td> <td data-bbox="456 1442 878 1549">not have a significant 1-degree observation angle performance. Typical applications for this material are permanent highway signing, construction zone devices, and delineators.</td> </tr> </table> <p>Additionally, Subgroup D is a temporary pavement marking tape that is not typically sold by preformed thermoplastic manufacturers as it is a very different material.</p>	Type B	Retroreflective sheeting materials meeting Type B are typically constructed of unmetallized microprismatic optics. These triangular microprismatic materials do		not have a significant 1-degree observation angle performance. Typical applications for this material are permanent highway signing, construction zone devices, and delineators.	<p>The language on the "Instructions" tab of the Evaluation Model has been updated to indicate that the State intends to award a contract in each group of subcategorized line items (A, B, C, etc.) as detailed in the Terms and Conditions, Section 2.1. Additionally, Subgroup B must meet the Specifications detailed on the QPL and Subgroup C has been moved to Group 1 - Sign Blanks and Sheets.</p>
Type B	Retroreflective sheeting materials meeting Type B are typically constructed of unmetallized microprismatic optics. These triangular microprismatic materials do				
	not have a significant 1-degree observation angle performance. Typical applications for this material are permanent highway signing, construction zone devices, and delineators.				

**2. Delete RFI # 32110-13258, in its entirety, and replace it with ITB 32110-13288 attached to this amendment.** Revisions of the original ITB documents, Specifications, Terms and Conditions, and the Evaluation Model are emphasized within the new release. Any sentence or paragraph containing revised or new text is highlighted or written in orange text.

**3. RFI Amendment Effective Date.** The revisions set forth herein shall be effective upon release. All other terms and conditions of this RFP not expressly amended herein shall remain in full force and effect.