



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
16 STATE HOUSE STATION  
AUGUSTA, MAINE 04333-0016

Paul R. LePage  
GOVERNOR

David Bernhardt  
COMMISSIONER

July 21, 2014  
Subject: **Pownal**  
State WIN: 020264.00  
**Amendment No. 1**

Dear Sir/Ms:

Make the following changes to the bid document:

In the Bid Book (pages 11 thru 14) **REMOVE** the "CONTRACT TO PURCHASE SUPPLIES, MATERIALS AND/OR EQUIPMENT FOR A SPECIFIC PROJECT", 2 copies and **REPLACE** with the attached new "CONTRACT TO PURCHASE SUPPLIES, MATERIALS AND/OR EQUIPMENT FOR A SPECIFIC PROJECT", 2 copies.

In the Bid Book (page 18), "APPENDIX A, Description of Materials, Supplies, Equipment and Bid Price", make the following **CHANGES** in pen and ink under "Delivery:";

1. In the first sentence, **CHANGE** the date "August 11, 2014" to read "**September 8, 2014**".
2. At the end of the first paragraph, **ADD** the following sentence; "**Assembly crew will arrive with pipe delivery.**" Make this change in pen and ink.

In the Bid Book (page 20), "SPECIAL PROVISION, SECTION 509, STRUCTURAL PLATE PIPES, PIPE ARCHED, ARCHED AND METAL BOX CULVERTS", under "509.03 Fabrication:", "Abrasion rate:" **CHANGE** the last sent following "Level 2:" to read as follows; "**Use an abrasion rate of 0.0005 inches/year**". Make this change in pen and ink.

The following questions have been received:

**Question:** Can the delivery date be extended?

- A. With a bid date of July 23<sup>rd</sup> and not knowing when a P.O. will be issued
- B. With the request to submit drawings and calculations to be approved by ME DOT.
- C. It is almost impossible to fabricate and deliver by August 11<sup>th</sup> because fabrication will not start until after receiving the P.O. and approved drawings.

**Response:** The delivery date has been extended, please see the above change.



PRINTED ON RECYCLED PAPER

**Question:** It says to use a plate thickness which is the larger of case 1 and/or case 2 or 0.200". The question is if case 1 and/or case 2 is larger (thicker) than 0.200" can we make the structure out of 0.200"?

**Response:** No

**Question:** Can onsite assembly be with nonunion-prevailing wage scale or nonunion-nonprevailing wage scale?

**Response:** Prevailing hourly rate of wages and benefits for work of a similar character in this State must be paid to all workers employed in the construction of public works which contract amounts to \$50,000 or more.

**Question:** When would an assembly crew be needed on site?

**Response:** The assembly crew will arrive with pipe delivery. Please see the above change.

**Question:** The 0.005/yr corrosion rate indicated in Section 509 of the specification is consistent with what would be used in a severe industrial or marine setting. Please confirm this is the appropriate for the proposed application. Also, the abrasion rate listed for Level 2 (low abrasion) is 5 times that for Level 3 (moderate abrasion), which does not appear correct. Following the design guide for Case2 would result in a steel shell thickness that is not able to be manufactured.

**Response:** Please see the above change to 0.0005 inches per year

**Question:** In Special Provision 509 Q2 is stated the flow rate to be used in determining abrasion rate. Please provide the Q-2 flow rate or the abrasion level to be used in calculations.

**Response:** The Q2 discharge velocity is calculated at 4.1 feet per second.

**Question:** Provide expected working area for structural plate assembly. At a minimum, please include notes such as assembly can be done in a dry, level space with room on either side to assemble.

**Response:** The assembly will take place on the existing roadway outside of the excavation area. The assembled structure will then be set in place by the Department.

**Question:** What is the Q2 flow velocity? This is needed to determine the abrasion rate used in calculating material thickness per case 2. Only the Q1.1, Q5 and Q100 are shown in the plan documents.

**Response:** The Q2 discharge velocity is calculated at 4.1 feet per second.

**Question:** Confirm the corrosion rates shown in Case 2 to determine material thickness are correct and appropriate for steel structure plate. Additionally, the level 2 abrasion rate is greater than the rate for Level 3 or 4 which are both more severe conditions. We feel the Level 2 abrasion rate should be 0.0005"/year instead of 0.005"/year as shown. It would appear the rates shown are for aluminum structural plate.

**Response:** Please see the above change to 0.0005 inches per year

**Question:** Confirm the minimum thickness of steel structural plate to be used is 5 gage (0.218"). The Specifications indicate, "the larger value of case 1 and/or case 2 or 0.200 inch." 0.200 inches is not a steel plate gage thickness.

**Response:** Please see the above change to the corrosion rate 0.0005 inches/yr to determine appropriate design thickness.

**Question:** Will cast-in-place slope collars be used at each end of the structure? If so, are hook bolts required to be supplied along with the structure?

**Response:** No, there are not cast-in-place collars

Consider these changes and information prior to submitting your bid on July 23, 2014.

Sincerely,



George M. A. Macdougall P.E.  
Contracts & Specifications Engineer

MAINE DEPARTMENT OF TRANSPORTATION

CONTRACT TO PURCHASE SUPPLIES, MATERIALS AND/OR EQUIPMENT  
FOR A SPECIFIC PROJECT

This Agreement (the "Contract") is entered into between the Maine Department of Transportation ("Department" or "MaineDOT") with its principal office located at Child Street, Augusta, Maine, and a mailing address of 16 State House Station, Augusta, Maine 04333-0016, and \_\_\_\_\_ ("Contractor"), a corporation or other legal entity organized under the laws of the State of \_\_\_\_\_ with its principal place of business located at \_\_\_\_\_, and a mailing address of \_\_\_\_\_ and a telephone number as follows:\_\_\_\_\_.

The Vendor Customer Number of the Contractor is \_\_\_\_\_.

MaineDOT, pursuant to 23 M.R.S.A. §52, requested bids for the sale and delivery of the Materials, Supplies, and Equipment (the "Materials") described in attached Appendix A. The offer submitted by Contractor (the "Bid Price") is accepted by MaineDOT as the successful bid. The terms and conditions of the purchase of the Materials are set forth below:

**A. Deliverables.**

The Contractor agrees to provide the Materials known as **Steel Structural Plate Pipe Arch**, more specifically described in Appendix A for use in MaineDOT Project No. **Pownal WIN 20264.00** (the "Project").

**B. Time.**

This Contract becomes effective on the date last signed below. The Contractor agrees to deliver the Materials **on or before September 8, 2014**. This Contract expires on **December 31, 2014**.

**C. Bid Price.**

The Bid Price(s) offered by Contractor and accepted by MaineDOT are as provided in Appendix A. These Bid Prices will serve as a basis for the Contract amount set forth in section F below.

**D. Contract Documents.**

The Contract consists of this Agreement and the following attachments which are hereby incorporated into the Contract as part of its terms and conditions:

- Appendix A--Description of Materials, Supplies, Equipment and Bid Price
- Appendix B--Special Provisions for Purchase of Project Materials
- Standard Specifications, Revision of December 2002,
- Supplemental Specifications and Special Provisions

By agreement, this Contract may be amended, modified, or supplemented by written agreement signed by both parties.

MAINE DEPARTMENT OF TRANSPORTATION

CONTRACT TO PURCHASE SUPPLIES, MATERIALS AND/OR EQUIPMENT  
FOR A SPECIFIC PROJECT

**E. Certifications.**

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

1. All of the statements, representations, covenants, and/or certifications required or set forth in Appendix B are accurate as of the date of this Contract.
2. The Contractor certifies that it has not been debarred, suspended, declared ineligible or voluntarily excluded from contracts by the Federal Government or any state agency within the last 3 years.
3. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.
4. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Contract and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents.

Dated: \_\_\_\_\_

**CONTRACTOR**

\_\_\_\_\_

\_\_\_\_\_

(Name and Title Printed)

**F. Award.**

By signing below, an authorized representative of MaineDOT hereby accepts Contractor's offer and awards this Contract to Contractor in the amount of \$\_\_\_\_\_ under the terms and conditions set forth above.

Dated: \_\_\_\_\_

**MAINE DEPARTMENT OF TRANSPORTATION**

\_\_\_\_\_

\_\_\_\_\_

(Name and Title Printed)

MAINE DEPARTMENT OF TRANSPORTATION

CONTRACT TO PURCHASE SUPPLIES, MATERIALS AND/OR EQUIPMENT  
FOR A SPECIFIC PROJECT

This Agreement (the "Contract") is entered into between the Maine Department of Transportation ("Department" or "MaineDOT") with its principal office located at Child Street, Augusta, Maine, and a mailing address of 16 State House Station, Augusta, Maine 04333-0016, and \_\_\_\_\_ ("Contractor"), a corporation or other legal entity organized under the laws of the State of \_\_\_\_\_ with its principal place of business located at \_\_\_\_\_, and a mailing address of \_\_\_\_\_ and a telephone number as follows:\_\_\_\_\_.

The Vendor Customer Number of the Contractor is \_\_\_\_\_.

MaineDOT, pursuant to 23 M.R.S.A. §52, requested bids for the sale and delivery of the Materials, Supplies, and Equipment (the "Materials") described in attached Appendix A. The offer submitted by Contractor (the "Bid Price") is accepted by MaineDOT as the successful bid. The terms and conditions of the purchase of the Materials are set forth below:

**A. Deliverables.**

The Contractor agrees to provide the Materials known as **Steel Structural Plate Pipe Arch**, more specifically described in Appendix A for use in MaineDOT Project No. **Pownal WIN 20264.00** (the "Project").

**B. Time.**

This Contract becomes effective on the date last signed below. The Contractor agrees to deliver the Materials **on or before September 8, 2014**. This Contract expires on **December 31, 2014**.

**C. Bid Price.**

The Bid Price(s) offered by Contractor and accepted by MaineDOT are as provided in Appendix A. These Bid Prices will serve as a basis for the Contract amount set forth in section F below.

**D. Contract Documents.**

The Contract consists of this Agreement and the following attachments which are hereby incorporated into the Contract as part of its terms and conditions:

- Appendix A--Description of Materials, Supplies, Equipment and Bid Price
- Appendix B--Special Provisions for Purchase of Project Materials
- Standard Specifications, Revision of December 2002,
- Supplemental Specifications and Special Provisions

By agreement, this Contract may be amended, modified, or supplemented by written agreement signed by both parties.

MAINE DEPARTMENT OF TRANSPORTATION

CONTRACT TO PURCHASE SUPPLIES, MATERIALS AND/OR EQUIPMENT  
FOR A SPECIFIC PROJECT

**E. Certifications.**

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

1. All of the statements, representations, covenants, and/or certifications required or set forth in Appendix B are accurate as of the date of this Contract.
2. The Contractor certifies that it has not been debarred, suspended, declared ineligible or voluntarily excluded from contracts by the Federal Government or any state agency within the last 3 years.
3. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.
4. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Contract and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents.

Dated: \_\_\_\_\_

**CONTRACTOR**

\_\_\_\_\_

\_\_\_\_\_

(Name and Title Printed)

**F. Award.**

By signing below, an authorized representative of MaineDOT hereby accepts Contractor's offer and awards this Contract to Contractor in the amount of \$\_\_\_\_\_ under the terms and conditions set forth above.

Dated: \_\_\_\_\_

**MAINE DEPARTMENT OF TRANSPORTATION**

\_\_\_\_\_

\_\_\_\_\_

(Name and Title Printed)