

**DEPARTMENT OF
FISHERIES AND OCEANS
CANADIAN COAST GUARD
ATLANTIC REGION**

**Statement of Work
SPINDLE FABRICATION**



Solicitation Number FP802-170345

STATEMENT OF WORK

Title: Spindle Fabrication

Description of Work:

The Contractor must fabricate ten (10) stainless steel spindles as per drawings in Appendix A, including delivery, packaging, preparation for shipment, transportation and offloading to:

CCG Base Saint John
22 Ward Street
Saint John, NB
E2L 4B3
(contact name and coordinates to be provided at Contract award)

1.0 General

- 1.1 Any changes/modifications to the spindle design, as per accompanying drawings, must be approved by the Project Authority.

All welding and shop practices during fabrication to be in accordance with CSA W59 (latest edition). Welding and shop to be currently certified to W47.1 latest edition, **minimum division 2 or higher.**

- 1.2 The Contractor must provide a list of qualified welding personnel that will work on this project that possess valid welder certification cards.
- 1.3 During fabrication and upon completion, an inspection of all work on the Contractor's site must be performed by the Project Authority. All discrepancies must be corrected before delivery.

- 1.4 Mill certifications for all materials must be provided to the Project Authority on request.
- 1.5 All welding must have a Weld Procedure Specification (WPS) supplied by metallurgist or other certified party. WPS must be made available to Departmental Representative when requested.
- 1.6 All welds to be inspected 100% Visual Inspection (VT).

2.0 Work Required

- 2.1 The Work to be performed under this scope of work must include all labour, materials and equipment necessary to complete the following:
 - 2.1.1. Fabricate ten (10) stainless steel spindles (as per drawings found in Appendix A). Fabrication includes the provision of all labor and materials required to construct the spindles.
 - 2.1.2. Package and prepare the (10) stainless steel spindles for shipping to CCG Base St. John, N.B.
 - 2.1.3. Ship the spindles, including the preparation of all necessary documentation, and offload the shipment at destination.
 - 2.1.4. Contractor is to contact Departmental Representative one week before delivery.

3.0 Product Specifications

- 3.1 All material to be AISI 316 stainless steel.
- 3.2 All pipe to be schedule 80 stainless steel.
- 3.3 Open stainless steel grating.
- 3.4 Fabricate using a method to prevent pipe and baseplate warping.

4.0 Inspection and Quality Assurance/ Quality Control

- 4.1 All structures will be inspected during, upon completion of fabrication, prior to leaving fabrication site, and upon delivery. Inspection will be conducted by the Project Authority or authorized Representative. Contractor is fully responsible for structures until delivery and offloading to location identified has been completed and accepted by the Project Authority.
- 4.2 Contractor must ensure that the structures are complete and ready for final inspection.

- 4.3 Contractor must provide a minimum of 10 calendar days' notice prior to shipping in order to facilitate inspections.
- 4.4 Contractor must provide, upon request by the Project Authority, any documentation regarding quality assurance/quality control of the materials and/or procedures used to fabricate and assemble these structures. Including but not limited to: certified material test reports, welding procedure specifications (WPS), and welding inspection reports.
- 4.5 Inspections are to review general conformance with the specifications. The Contractor must ensure all relevant codes/standards/industry accepted fabrication practices are adhered to.

5.0 Security Requirement

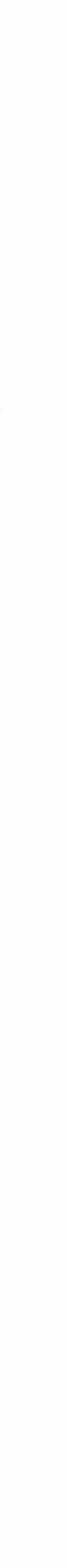
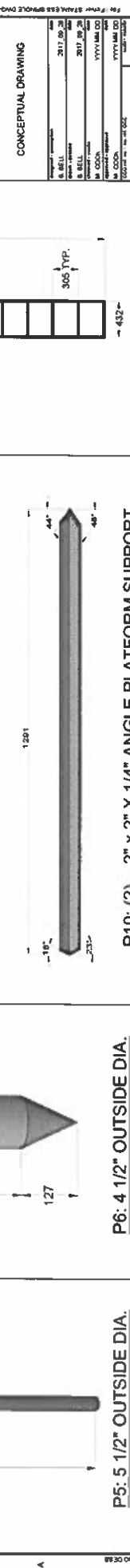
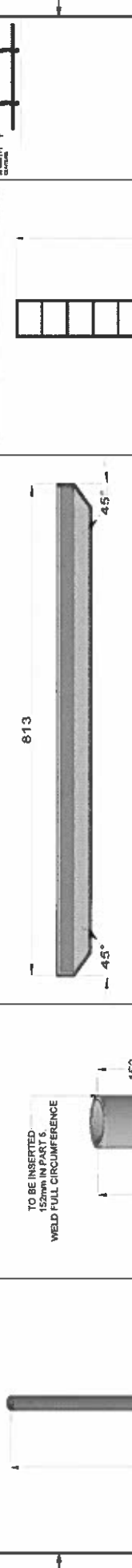
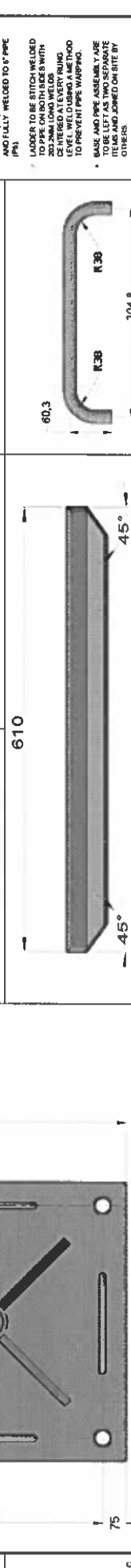
- 5.1 The Contractor/Offer or, at all times during the performance of the Contract/Standing Offer/Supply Arrangement, MUST NOT access PROTECTED and/or CLASSIFIED information or assets.
- 5.2 The Contractor/Offer or personnel MAY NOT ENTER NOR PERFORM WORK ON sites where PROTECTED or CLASSIFIED information or assets are kept, without an escort provided by the department or agency for which the work is being performed.
- 5.3 The Contractor/Offer or MUST NOT remove any PROTECTED information or assets from the identified work site(s), and the Contractor/Offer or must ensure that its personnel are made aware of and comply with this restriction.
- 5.4 Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of the DFO or the CISD/PWGSC.

Appendix A

Conceptual Drawings

REVOICER AND OWNER: MICHIGAN STATE UNIVERSITY
 CONSULTANT: MICHIGAN STATE UNIVERSITY
 PROJECT: STAINLESS STEEL LADDER FOR THE MICHIGAN STATE UNIVERSITY

GENERAL NOTES:
 1. ALL DIMENSIONS IN MILLIMETERS
 2. ALL MATERIAL TO BE A316 STAINLESS STEEL
 3. ALL PIPE TO BE SCHEDULE 80 STAINLESS STEEL
 4. OPEN STAINLESS STEEL GRATING
 5. ALL WELDING TO BE MINIMUM 1" FILLET WELDERS CONTINUOUS WELDS TO BE WELDED TO PREVENT PIPE WARPING
 6. 4" PIPE (P6) TO BE INSERTED FULLY WELDED TO FIT PIPE (P5)
 7. LADDER TO BE ATTACHED TO PIPE ON BOTH SIDES WITH 200.2MM LONG WELDS TO BE INSERTED AT EVERY JOINT TO PREVENT PIPE WARPING
 8. BASE AND PIPE ASSEMBLY TO BE LISTED AS TWO SEPARATE ITEMS AND JOINED ON SITE BY OTHERS



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PROJECT: STAINLESS STEEL LADDER FOR THE MICHIGAN STATE UNIVERSITY

DESIGNED BY: MC
 CHECKED BY: MC
 DATE: 2017.05.23

CONCEPTUAL DRAWING

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