



538-2021 ADDENDUM 4

NON-METALLIC COMPOSITE REPAIR SYSTEM FOR NEWPCC RAS PIPING SYSTEM REFURBISHMENT

URGENT

**PLEASE FORWARD THIS DOCUMENT TO
WHOEVER IS IN POSSESSION OF THE
BID/PROPOSAL**

ISSUED: October 22, 2021
BY: Prasan Silva
TELEPHONE NO. 204 318-2202

**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID/PROPOSAL AND SHALL FORM
A PART OF THE CONTRACT DOCUMENTS**

Template Version: Add 2021-03-05

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid/Proposal, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid/Proposal may render your Bid/Proposal non-responsive.

PART D – SUPPLEMENTAL CONDITIONS

Revise: D19.1 (a) to read:

Completion of RAS 2 shutdown for replacement of piping at HPO Reactors by March 15, 2022.

Revise: D19.1 (c) to read:

Completion of RAS 1 and RAS 3 shutdowns for replacement of piping at HPO Reactors by January 31, 2023.

Delete: D22.1 (a)

PART E – SPECIFICATIONS

Revise: E1.4 to read:

The following are applicable to the Work:

<u>Specification No.</u>	<u>Specification Title</u>
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 03 10 00 Concrete Forming and Accessories
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1-0101S-M0005-001	RAS PIPING REFURBISHMENT LOW POINT DRAIN AND HIGH POINT VENT DETAIL
1-0101S-M0006-001	RAS PIPING REFURBISHMENT ENCAPSULATED FLANGE AND MECHANICAL COUPLINGS DETAIL
1-0101S-M0007-001	RAS PIPING REFURBISHMENT STEEL FLANGE TERMINATION SLEEVE GENERAL ARRANGEMENT
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1-0101S-M0009-001	RAS PIPING REFURBISHMENT FLANGED ELBOW TERMINATION SLEEVE DETAIL
1-0101S-M0010-001	RAS PIPING REFURBISHMENT CONCRETE SADDLE TERMINATION DETAIL
1-0101S-M0011-001	RAS PIPING REFURBISHMENT FLOOR AND WALL TERMINATION DETAIL
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1-0101S-E0010-001 WAS HEADER PIPING ELECTRICAL GENERAL ARRANGMENT
1-0101S-E0011-001 TYPICAL FLOW METER ELECTRICAL WIRING DIAGRAM

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1-0101S-S0020-002 PIPING GALLERY EAST-WEST SECTION AND DETAILS
1-0101S-S0020-003 PIPING GALLERY EAST-WEST SECTION AND DETAILS

3D Model 538-2021_Assembled_Model_Rev.1.nwd

NMS SPECIFICATIONS

SECTION 23 05 05 PIPING

Replace: Section 23 05 05 Piping with 538-2021_Addendum_4-NMS_Section 23 05 05_R1

SECTION 23 21 10 CARBON FIBRE REINFORCED PLASTIC COMPOSITE REPAIR SYSTEM

Revise: 3.3.2.3 to read:

Be fabricated from **ASTM A53-B Std. Wall** carbon steel piping.

Add: 3.3.8 Test spools shall be coated externally with finish coat as per specification 23 05 05 PIPING. Test spools shall have flange termination sleeves as per drawing 1-0101S-M0007-001 with 50mm long bonding zone for CFRP wrap termination.

DRAWINGS

Replace: 538-2021_Drawing_1-0101S-S0020-001_R0 with 538-2021_Addendum_4-Drawing_1-0101S-S0020-001_R1