



923-2008 ADDENDUM 3

SUPPLY, INSTALLATION AND COMMISSIONING OF BUTTERFLY VALVE ACTUATORS

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID OPPORTUNITY

ISSUED: January 22, 2009
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THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: A20070419

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 9 of Form A: Bid may render your Bid non-responsive.

PART A – BID SUBMISSION

Replace: 923-2008 Bid Submission with 923-2008 Addendum 3 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Form A(R1): Revise Contract Title in Paragraph 1

Form B(R1): Revise Contract Title.

PART B – BIDDING PROCEDURES

Revise B1. Contract Title as follows:

B1.1 SUPPLY, INSPECTION OF INSTALLATION AND COMMISSIONING OF BUTTERFLY VALVE ACTUATORS

PART E – SPECIFICATIONS

Replace: E4.3.1 Table in Design Parameters with the following table:

Design Parameters

Location/Valve	B.V. /Gear Box	Mounting	Power
Branch II – 1650mm diameter	Rodney Hunt Streamseal / Rotork/Exceed IW11R IR3 ratio 2160:1	Remote floor stand	230 V/1 ph/60 hz
Branch II – 1350mm diameter	Rodney Hunt Streamseal / Rotork/Exceed IW11R ratio 1440:1	Remote floor stand	230 V/1 ph/60 hz
McLean LAV1 – 1350mm diameter	Darling-Pelton 54-50-16 / Limatorque	Direct Mount	575V/3 ph/60 hz

Add: E4.3.1 (d), through (g) as follows:

(d)	Normal System Operating Head (LAV1)	35 metres Static Head
(e)	Normal System Operating Pressure (LAV1)	350 kPa (50 psi)
(f)	Design System Flow Rate (LAV1)	300 Megalitres per day (MLd)
(g)	Maximum Velocity (LAV1)	4.88 metres per second (m/s)

Revise: E4.3.2 (b) as follows:

- (b) Actuator for MacLean LAV1 valve is for replacement of an existing electric Actuator, Limitorque SMA Size 00, initially purchased under Limitorque order L-58037-D. Actuator output torque shall be equal or greater than the existing actuator rated torque.

Replace: E4.3.10 (a) to read:

- (a) Position limit switches shall be provided and set to stop the motion of the valve when it reaches the fully open and fully closed position. In addition, torque limiting switches shall be provided for open and close position as well to prevent damage to the operating mechanism in the case of torque overload. The torque switch shall be fitted with a mechanical interlock to prevent torque trip on valve opening.