

Appendix A

Owner Supplied Materials



February 6, 2013

Department of Public Works and Government services Canada
John Cabot Bldg 6th Floor
10 Barbers Hills, P.O.Box 4600
St. John's, NL
A1C 5T2

RE: NAFC Water System HDPE Piping & Equipment
Solicitation No. E0244-132499/A
File No. OLZ-2-35130(011)

TECHNICAL BID:

The materials supplied throughout this project will be supplied to The Department of Fisheries and Oceans (DFO), Northwest Atlantic Fisheries Centre (NAFC) St. John's 70-80 East White Hills Road, St. John's. The materials will be delivered to the site on or before March 29, 2013. These materials consist of the following:

Item 1. Eight (8) each **BALL VALVES**

Eight Inch(200mm) Polyethylene ball valves, Full Port, PE Wall – SDR11, Normal OD – 8.625 inches,
Materials: PE3408/PE100 Black SDR11 rated @ 160 PSI for water. Temperature: From -20F to 140F
(-20C to 60C.) Pipe Connection – Butt Fusion and supplied with Butt Fused Joint Insulation Kit (50mm
Thick UIP Urethane Insulation). Valves to meet ASTM D 2513 Requirements.



Item 4. Sixty five (65) each **PIPE AND INSULATION KITS**

15.24 m (50 ft.) long of pre insulated SDR 11 HDPE pipe. Pipe to be 8" (200mm) DR11, rated for 200 psi with 50 mm (2") thick UIP urethane insulation, 50 Mil taped outer jacket suitable for direct bury application and one (1) Butt fused joint insulation kit per 50 ft. Length. Insulation to be ; rigid polyurethane foam, factory applied, 50 mm Thick, Density ASTM D 1622, 35 to 46 kg/m³, Closed cell content, ASTM D 6226, 90% minimum and Water absorption ASTM D 2842, 4% by volume Tape Wrap System; polyethylene, UV inhibited, formulated for cold Environment, Sealant, butyl rubber and resin applied in hot 25 Mil multiple layers to provide a shrink tightened waterproof bond. All pipe lengths shall come with removable end caps to prevent anything from entering/contaminating the pipe as it will be stored outside subject to weather, UV rays and environmental conditions.

Sincerely:

CHRIS BLUNDON
Regional Manager
Distribution BRUNET Inc.