

## SUPPLEMENTAL/ BID BULLETIN

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### ADDENDUM NO. 1

13 June 2023

### AMENDMENTS TO BIDDING DOCUMENTS

Under Section VII. Technical Specifications, PE (POLYETHYLENE) PLASTIC TUBING (BLUE) should be read as follows:

I. Section VII. Technical Specifications, PE (POLYETHYLENE) PLASTIC TUBING (BLUE)

#### MATERIAL SPECIFICATIONS

A.1. PE (POLYETHYLENE) PLASTIC TUBING (BLUE)

A.1.1. Materials – The extrusion compound shall be either Grade P33, Class C or Grade P34, Class C (PE3306 or PE3406) as defined by ASTM D1248. All compounds used shall be virgin plastic except that clean rework material from the manufacturer's own pipe production may be used so long as the original was virgin material. The pipe shall meet the requirements of the National Sanitation Foundation (NSF) for potable water use as tested by the National Institute of Science and Technology or other approved testing laboratories and shall be made from non-toxic, non-lead based plasticizer approved by the Engineer.

A.1.2. Dimensions – The Standard Dimension Ratio (SDR) shall be 11 with nominal dimensions as follows (in English units):

Table 1. PE Pipe Dimensions

Nominal Pipe Size, in	1/2	3/4	1	1-1/2	2	2-1/2
Outside Diameter, mm	20	25	32	50	63	75
Standard Length, m	300	150	100	60	60	60
Wall Thickness, mm						
min	2.3	2.3	3.0	4.6	5.8	6.8

A.1.3. Rating – All service tubing shall be rated for use with water at 23.0° C (73.40° F) and at a minimum working pressure of 1.1 MPa (160 psi). Other requirements shall be in accordance with ASTM D2737.

A.1.4. Marking – All tubing shall be clearly marked at intervals of not more than 0.6 M with nominal size, type of material (PE 3306, or PE 3406), Standard Dimension Ratio (SDR 11), manufacturer's trade name and production code, and the seal of approval from an accredited testing laboratory.

A.1.5. Installation – The installation and method of end connections of PE plastic tubing shall be as shown on the drawings and as specified in Section 23.10. All procedures and tools used shall comply with recommendations of the manufacturer and be approved by the Engineer.

A.1.6 HDPE Pipes shall conform with the requirements of ISO 4427 with a minimum required strength of PE100.

For guidance and information of all concerned.

  
MR. EDWIN L. CARTAGO  
BAC Chairperson

Received by: \_\_\_\_\_

Date: \_\_\_\_\_

Supply and Delivery of Various HDPE & PVC Pipes C-150 (Rebidding) (CWD 32-2023)