Bill of Materials

1. High-Performance Synthetic Mooring Lines

The Maritime Administration, Suisun Bay Reserve Fleet (SBRF) is seeking to procure high-performance synthetic line for nest-mooring ships in the National Defense Reserve Fleet.

Synthetic lines to be considered for this procurement are to have the following characteristics:

- Line shall have a minimum tensile strength of no less than 79,600 lbs.
- Nominal diameter shall be 7/8".
- Weight shall not exceed 45 lbs per 100 feet.
- UV resistant
- 12-strand HMPE fiber construction, **with USA-made fibers**
- Abrasion resistant
- Low elongation
- Torque resistant

Provide the following high performance synthetic lines according to the characteristics above:

A. Five (5) each 600 feet in length
B. Five (5) each 400 feet in length

Lines described in A and B above shall have a six (6) foot eye spliced in one end with tubular cordura or similar chafing material installed in the eye.

Lengths specified above are finished lengths.

2. High Tenacity Polyester 12-Strand Line

Provide six (6) ea. 600-foot reels of Samson 1-1/2" diameter HTP-12 or equal high tenacity polyester 12-strand line. This line does not require any splicing.

Offerors shall submit to the Contracting Officer a technical data sheet for each type of synthetic and polyester line they are offering, attesting to the characteristics detailed above.

Deliver to:
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Suisun Bay Reserve Fleet
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