

SECTION C Descriptions and Specifications

MOORING MATERIALS

The contractor shall perform in accordance with the Specifications in the Statement of Work.

1.0 STATEMENT OF WORK

1.1 GENERAL. The Contractor will furnish the qualified personnel, equipment, and material necessary to fabricate chain and accessories under either FM3 grade, ABS RQ3S or ABS 3 grade specifications.

Sizes of items that should be available for production are 1.50, 1.75, 2.00, 2.50, 2.75, 3.00, 3.50 and 4.00 inch. Further explanation and details are described below.

1.2 TASKING. Contractor efforts shall include, but will not be limited to:

1. FM3 Components - Chain and accessories shall be produced to the technical report, TR-6036-OCN, Purchase Description for the Production of FM3 Materials, revision E, Attachment (A), with the following exceptions:

- a) Flash butt welding of the chain links shall be performed in accordance with standard industry practice. The contractor shall provide ABS manufacturing process approval certification for this procedure.
- b) Serial number stamping shall be on the 3rd stud from each end of the shot of chain.
- c) The minimum dry film thickness for the finish, as described in section 3.8 of TR-6036-OCN shall be 8 mils.

2. ABS RQ3S Grade Components – Chain and applicable accessories shall be produced to the ABS RQ3S guidelines as specified in “Guide for Certification of Offshore Mooring Chain”, latest version with the following exceptions:

- a) The marking of chain and accessories shall include the year of manufacture along with those items identified in part 5.3, Section 1 and part 5.1, Section 3, respectively.
- b) Serial number stamping shall be on the 3rd stud from each end of the shot of chain.

3. ABS 3 Grade Components - Chain and applicable accessories shall be produced to the ABS RQ3S guidelines as specified in “to American Bureau of Shipping Grade 3 (ABS 3) Anchor Chain, latest edition with the following exceptions:

- a) Serial number stamping shall be on the 3rd stud from each end of the shot of chain.
- b) Each heat of bars used in the manufacturing of the chain in this specifications to meet the hydrogen embrittlement requirements for RQ3 offshore mooring chain per ABS Guide for Certification of Offshore Mooring Chain, 1999 (or latest edition) An alternate procedure to minimize hydrogen embrittlement may be submitted to the Government for approval.

1.3 QA PROCESS. The contractor shall show their adherence to the required quality assurance procedures as called out by the FM3 and ABS specifications. All equipment used in the manufacturing and testing of chain and/or accessories shall have a current calibration in accordance with ABS, ASTM or the appropriate industry standard.

1.4 FINISH. The finish for all chain and accessories shall be per section 3.8 of TR-6036-OCN. The last link of each shot shall have a top coat of white epoxy paint.

1.5 SHIPPING. Chain shots and accessories may be shipped to USN Fleet Mooring storage sites at Port Hueneme, CA, Gulfport, LA or may be shipped directly to a project site. Costs for shipment of chain shots and accessories purchased under a delivery order will be negotiated with the Contractor for the specific requirements of that delivery order.

1.6 REPORTS. Material certifications and test reports shall be submitted in accordance with the specification to which the chain and/or accessories were produced to.

1.7 PACKAGING AND MARKING FOR SHIPMENT. The packaging and marking for all chain and accessories shall be per section 5.0 of TR-6036-OCN.

2.0 PERIOD OF PERFORMANCE: The extent of the IDQ contract shall be for 5 years from award. A CLIN shall be established for each year. Each CLIN shall have a ceiling of \$1,000,000 for a total contract ceiling of \$5,000,000.

Materials procured under each Delivery Order shall be delivered within 4 months of DO award or as negotiated under each DO.

3.0 GENERAL CONTRACT AND DELIVERY ORDER REQUIREMENTS

3.1 Each delivery order will consist of an order of chain and/or accessories, required specification that the chain and/or accessories are to be fabricated to, a required delivery date and a specific shipping location.

3.2 A delivery order may include both chain and/or accessories of various quantity and sizes.

3.3 Contractor shall adhere to technical specifications for each delivery order and its subsequent schedule.

3.4 Material certification and manufacturer's documentation report for purchased chain and/or accessories shall be submitted as part of all delivery orders.

3.5 The Government reserves the right to witness inspections, tests and examinations as required by the specifications to which the mooring components are to be produced for.

3.6 As part of each delivery order a production and testing schedule shall be provided to the Government no later than 10 calendar days after delivery order award.

4.0 DELIVERABLES

Documentation required under this IDQ is listed below. Documents identified below are only required when a production effort has been awarded by the Government. As specified by Individual Delivery Orders.

CDRL	Description	SOW	Due Date
A001	Material Certifications	1.2	1 month prior to delivery of materials
A002	Manufacturer Documentation report	1.2	60 days after material delivery
A003	Production and Testing Schedule	3.0	No later than 10 days after task order award

5.0 GOVERNMENT FURNISHED INFORMATION (GFI), MATERIAL (GFM) AND EQUIPMENT (GFE)

5.1 GOVERNMENT FURNISHED INFORMATION Attachments to this Statement of Work are listed below.

Attachment	Description
A	Purchase Description for chain and components (NFESC document TR-6036-OCN, Rev E)
B	Moisture Cure Urethane Tar Epoxy Specification X-6708
C	CDRLS

Attachments listed in Section J – Attachments.

6.0 CONTRACTOR PROPOSAL REQUIREMENTS

6.1 TECHNICAL REQUIREMENTS. At a minimum, the following items will be submitted as part of the Contractors proposal for evaluation:

- a) The chain manufacturing facility shall be an approved chain manufacturing facility by the American Bureau of Shipping for the size chain required.
- b) A copy of the manufacturers Quality Control Plan demonstrating adherence to the required quality assurance procedures as called out by the FM3 and ABS specifications.
- c) Welder qualifications and qualified weld procedures to be used.

7.0 GOVERNMENT POINTS OF CONTACT.

Government Technical Points of contact include a Contracting Technical Officer's Representative (COTR) and Naval Technical Representatives (NTR).

The COTR for this contract is Mr. Terry Clarke, NFESC, Code 55TC, phone 202-433-5517.

Government Contractual Points of Contact include a Contracting Officer and the Contracting Specialist.

The Contracting officer for this contract is Ms. Rita Palmore, FACCO Code NF21, phone 202-433-5313. The Contracting specialist for this task order is Ms. Clare Mitchell, FACCO Code NF21CM, phone 202-433-5315. The Contracting Specialist assists the Contracting Officer in matters requiring contractual interface with the Contractor.

7.1 DISTRIBUTION CODES AND ADDRESSES

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