

REQ DOC NO. - RCP 22RX19760 ATTACHMENT ____ 2 ____
CONTINUATION SHEET CONTRACT NO. - _____ PAGE _1_ OF _5_

NAME OF OFFER OR/CONTRACTOR

ITEM #	SUPPLIES/SERVICES	QTY	U/I
0003			
	NUT, HEX, REGULAR, SELF-LOCKING	180	EA
	NSN: 1H 5310-01-213-5389 X2, Item 6024AE		

C. DESCRIPTION/SPECIFICATIONS

C.1 **THIS IS LEVEL I MATERIAL**

C.2 NUT, HEX, REGULAR, NICKEL COPPER, SELF-LOCKING
0.625"-11UNC-3B.

C.3 MANUFACTURE NUTS PER 688-1864 REV K WITH APPENDIX 2, AND
NASM 25027 REV. 1 AS INVOKED.

(A) NUT, SELF-LOCKING, 250°F, 450°F, AND 800°F: NASM 25027 REV. 1.

(B) NASM 17828 DASH NUMBER 10C. SCREW THREADS SHALL BE
INSPECTED PER ASME B1.3 SYSTEM 22. SELF-LOCKING MATERIAL
SHALL BE IN ACCORDANCE WITH ASTM-D-4066 OR ASTM-D-6779,
GROUP 1, CLASS 1, GRADE 1 OR 4, OR ASTM-D-4066, GROUP 1,
CLASS 2, GRADE 1 OR 4.

(C) PACKAGING/PACKING PER SECTION D OF THIS PART.

(D) APPLICBLE SPECIFICATION REVISIONS TO BE USED ARE:

SPECIFICATION 688-1864 REV K
NASM 25027 REV 1
NASM 17828 REV 1
MIL-I-45208A, AM(1)
MIL-STD-129R
MIL-STD-792F
MIL-STD-2132D WITH NOTICE 1
QQ-N-281D AM(2) & IC(1)
SAE J 122 JUL 75 REAFFIRMED MAY 1998

FOR SPECIFICATIONS NOT LISTED ABOVE, REVISIONS SHALL BE THOSE LISTED IN THE ACQUISITION STREAMLINING AND STANDARDIZATION INFORMATION SYSTEM (ASSIST) AT THE TIME OF CONTRACT AWARD. AS OF THE ISSUE DATE OF THIS, ASSIST INFORMATION IS AVAILABLE AT THE FOLLOWING WEBSITE:
<https://quicksearch.dla.mil>

- C.3.1 MATERIAL TO BE NICU PER CHEMICAL AND MECHANICAL PROPERTIES OF MATERIAL NO. 8 (QQ-N-281 CLASS A OR B OR MIL-N-24106 ANY CONDITION) OF 688-1864 REV K.
- C.4 SELF-LOCKING ELEMENT: LOCKING ELEMENT TO BE PER NASM 25027 FOR SERVICE AT 250 DEGREES F AND LOWER THE FOLLOWING CLARIFICATIONS ARE PROVIDED FOR THE NASM 25027 TESTING REQUIREMENTS:
 - (A) WRENCH TORQUE TESTING IS NOT REQUIRED.
 - (B) BEARING SURFACE SQUARENESS TESTING IS REQUIRED USING THE SAMPLING REQUIREMENTS OF NASM 25027, PARA 4.4.1.2
 - (C) PERMANENT SET TESTING IS REQUIRED USING THE SAMPLING REQUIREMENTS OF NASM 25027, PARA 4.5.3.3.4 (3 SAMPLES)
- C.5 CLEANLINESS REQUIREMENTS: PARTS SHALL BE CLEANED BY ANY PROCESS OR COMBINATION OF PROCESSES WHICH WILL ACCOMPLISH THOROUGH CLEANING WITHOUT DAMAGE TO THE PARTS. SURFACES SHALL BE EXAMINED VISUALLY TO DETERMINE FREEDOM FROM DIRT, CORROSION, OIL, GREASE OR FOREIGN RESIDUE.
- C.6 THE CONTRACTOR MUST PROVIDE THE PROCURING ACTIVITY WITH ALL THE SUBMITTALS LISTED BELOW. SUBMITTALS WHICH ARE REQUIRED BY A SPECIFICATION, BUT WHICH ARE NOT LISTED, NEED NOT BE SUBMITTED. ONLY THOSE SUBMITTALS LISTED BELOW ARE REQUIRED.
 - NO SUBMITTALS REQUIRED
- C.7 DATA REQUIREMENTS PER EXHIBIT A (DD-1423) & ATTCHMENT #1.
 - C.7.1 MATERIAL CERTIFICATIONS; EXHIBIT A SEQUENCE A001.
 - C.7.1.(A) THE CONTRACTOR SHALL PROVIDE THE LISTED PROCEDURE(S)/CERTIFICATION REPORT(S) TO THE PROCURING ACTIVITY. THE CONTRACTOR SHALL SPECIFY THE FOLLOWING ON PROCEDURE(S)/REPORT(S)

REQUIRING SUBMITTAL, AS APPLICABLE, IN ORDER THAT THE PROCEDURE/REPORT CAN BE READILY REVIEWED AGAINST THE APPROPRIATE ACCEPTANCE CRITERIA:

- (1) SPECIFICATIONS AND REVISIONS, INCLUDING AMENDMENTS, NOTICES, ETC.
- (2) APPLICABLE PARAGRAPH OF THE SPECIFICATION
- (3) THE NAME OF THE SUBMITTAL
- (4) THE MATERIAL CONDITIONS (I.E., MATERIAL GRADE, CLASS, TYPE, SIZE, COMPOSITION, ETC.) IF A PARTICULAR CONDITION IS NOT SPECIFIED AND THE SPECIFICATION PROVIDES FOR ALTERNATIVE CONDITIONS, THEN THE CONTRACTOR MAY, IN MANUFACTURING THE ITEM, SELECT A CONDITION WITHIN THE SCOPE OF THE SPECIFICATION USING TECHNICAL JUDGMENT AND ANNOTATE THE REPORT ACCORDINGLY.

C.7.2 NOT APPLICABLE

C.8 MATERIAL MARKING

C.8.1 EACH PIECE OF MATERIAL SHALL BE PERMANENTLY MARKED AT LEAST ONCE WITH THE INFORMATION OF (A), (B), (C), AND (D) BELOW USING THE PERMANENT MARKING METHODS OF MIL-STD-792 OR THE PERMANENT MARKING METHOD SPECIFIED IN THE MATERIAL SPECIFICATION.

(A) "ANICU" AND ONE OF THE FOLLOWING MATERIAL DESIGNATORS AS APPLICABLE:

MATERIAL DESIGNATORS FOR QQ-N-281 CLASSES A AND B	
CONDITION (CLASS)	MATERIAL DESIGNATOR
COLD DRAWN (B), COLD DRAWN AND STRESS RELIEVED (A OR B)	NCH
HOT FINISHED (A), HOT FINISHED STRESS RELIEVED (A)	NCG
HOT FINISHED (B), HOT FINISHED STRESS RELIEVED (B)	NCF
MATERIAL DESIGNATORS FOR MIL-N-24106 BY CONDITION	
CONDITION	MATERIAL DESIGNATOR
A, AG, and B	NCF

C	NCH
H	NCG

(B) VENDOR TRACEABILITY NUMBER TRACEABLE TO ALL MANUFACTURE TEST AND INSPECTION INFORMATION AND TO A UNIQUE SET OF PHYSICAL, MECHANICAL, AND CHEMICAL TEST RESULTS WHICH REPRESENT THE MATERIAL USED TO MAKE THE PIECE.

(C) THE MANUFACTURER'S NAME, TRADEMARK, OR SYMBOL.

(D) INFORMATION REQUIRED BY THE SPECIFICATION IN ADDITION TO THAT REQUIRED BY (A), (B), AND (C) ABOVE SHALL BE MARKED EITHER PER THE SPECIFICATION OR AT LEAST ONCE PER PERMANENT MARKING METHODS OF MIL-STD-792. MATERIAL DESIGNATOR LISTED IN THE SPECIFICATION NEED NOT BE MARKED ON THE MATERIAL IF IT IS DIFFERENT FROM THAT SPECIFIED BY (A) ABOVE.

C.8.2 IF ANY MARKING SPECIFIED ABOVE CANNOT BE APPLIED DUE TO SPACE LIMITATION, A WAIVER REQUEST SHALL BE SUBMITTED TO THE CONTRACTING OFFICER.

C.8.3 WHEN FEASIBLE, CONSOLIDATE THE PLACEMENT OF THE PERMANENT MARKING TO ACCOMMODATE THE MARKING OF A 9-DIGIT FINAL ACCEPTANCE MARKING AT PORTSMOUTH NAVAL SHIPYARD. DO NOT COMPROMISE LEGIBILITY OF THE PERMANENT MARKING TO CONSOLIDATE THE SPACING.

D. PRESERVATION/PACKAGING/PACKING

D.1 PRESERVATION, PACKAGING, AND PACKING SHALL BE IN ACCORDANCE WITH ASTM D3951-15, STANDARD PRACTICE FOR COMMERCIAL PACKAGING, EXCEPT THAT EACH EXTERNALLY THREADED FASTENER SHALL BE FURNISHED WITH A THREAD PROTECTOR AND EACH ITEM SHALL BE INDIVIDUALLY PACKAGED IN A COLORED (EXCEPT YELLOW) TRANSPARENT ZIP-LOCK TYPE PACKAGE WITH A MINIMUM SIZE OF 4" X 7". MARKING AND LABELING SHALL BE IN ACCORDANCE WITH MIL-STD-129. BAR CODE MARKING FOR HAND SCANNING IS REQUIRED.

E. INSPECTION AND ACCEPTANCE

- E.1 GOVERNMENT INSPECTION IS REQUIRED DURING MANUFACTURE AND PRIOR TO SHIPMENT FROM THIS FACILITY. UPON RECEIPT OF THIS ORDER, PROMPTLY NOTIFY THE REPRESENTATIVE OF THE GOVERNMENT OFFICE WHO NORMALLY SERVES YOUR FACILITY SO THAT APPROPRIATE PLANNING FOR GOVERNMENT INSPECTION CAN BE ACCOMPLISHED. IN THE EVENT A REPRESENTATIVE OF THE GOVERNMENT OFFICE CANNOT BE LOCATED, THE CONTRACT SPECIALIST SHOULD BE NOTIFIED PROMPTLY. PROVIDE THE LOCATION WHERE PROCUREMENT QUALITY ASSURANCE (PQA) OF THE SUPPLIES WILL BE MADE ALONG WITH THE ORGANIZATION THAT WILL BE PERFORMING PQA.
- E.2 ALL NON-CONFORMANCES TO CONTRACT REQUIREMENTS AFFECTING PRODUCT AND/OR DOCUMENTATION SHALL REQUIRE PROCURING ACTIVITY WAIVER APPROVAL TO ACCEPT.
- E.3 APPROVED SAMPLING PLANS (E.G. MIL-STD-105, ANSI/ASQC Z1.4) ARE ALLOWED AS DELINEATED IN THE APPLICABLE MANUFACTURING SPECIFICATION EXCEPT THAT A LOT IS ACCEPTABLE BASED ON ZERO DEFECTS. WHEN A REJECT IS FOUND, THE ENTIRE LOT SHALL BE INSPECTED FOR THAT ATTRIBUTE AND ANY DEFECTIVE ITEMS SHALL BE REMOVED FROM THE LOT IN ORDER FOR THE LOT TO BE ACCEPTABLE