

**NAVFAC
SPECIFICATION**

**DESIGN-BUILD PROJECT
CNN-11007, FACILITY
REPAIRS AND MODS TO
BLDG 150, MCAS
CHERRY POINT NC
AMENDMENT #0004**

IMPORTANT

This amendment should be acknowledged when your proposal is submitted. Failure to acknowledge the amendment may constitute grounds for rejection of the proposal.

If your proposal has been submitted prior to the receipt of this amendment, acknowledgement should be made by telegram, which should state whether the price contained in your proposal is to remain unchanged, is to be decreased by an amount, or is to be increased by an amount. The acknowledgement must be received prior to proposal opening time.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE _____ PAGE 1 OF PAGES 5

2. AMENDMENT/MODIFICATION NO. 0004 3. EFFECTIVE DATE 8/22/2011 4. REQUISITION/PURCHASE REQ. NO. _____ 5. PROJECT NO. (if applicable) _____

6. ISSUED BY
**CG MCAS Cherry Point
 FACILITIES, ROICC
 B-163, CURTIS ROAD
 PSC BOX 8006
 CHERRY POINT, NC 28533**

7. ADMINISTERED BY (if other than item 6.) _____ Code _____

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
AMENDMENT MUST BE ACKNOWLEDGED WITH YOUR PROPOSAL

9A. AMENDMENT OF SOLICITATION
PROJECT #CNN-11007
 9B. DATED (SEE ITEM 11) 1/28/2010
 10A. MODIFICATION OF CONTRACT/ORDER NO. _____
 10B. DATED (SEE ITEM 13) _____

CODE _____ FACILITY CODE _____

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
 The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning 1 copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14. ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATION CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: _____

D. OTHER: (specify type of modification and authority) _____

E. IMPORTANT. Contractor is not is required to sign this document and return **original** to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
DESIGN-BUILD PROJECT CNN-11007, FACILITY REPAIRS AND MODIFICATIONS TO BLDG 150 , MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA

The purpose of this amendment is to provide the following information:

15A. NAME AND TITLE OF SIGNER (Type or print) _____ 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) _____

15B. CONTRACTOR/OFFEROR (Same as Item 8) _____ 15C. DATE SIGNED _____ 16B. UNITED STATES OF AMERICA BY _____ 16C. DATE SIGNED _____
 (Signature of person authorized to sign) (Signature of Contracting Officer)

QUESTION1: Can the QC/SSHO be served by the same individual, if dually qualified?

ANSWER 1: Yes, the QC/SSHO can be the same individual.

QUESTION 2: Scope of Work - Item B. Civil - # 4; Install a free standing five ton bridge crane in the high-bay area of Bay "F". Is there a required distance that the bridge crane is suppose to span for Bay "F"?

ANSWER 2: Please see the attached Crane Information Form.

QUESTION 3: To what location is the air compressor to be relocated to?

ANSWER 3: For bidding purposes, assume the air compressor will be relocated 100 feet

QUESTION 4: The RFP states that Record Drawings are available but not included. Can all of the Record Drawings be provided?

ANSWER 4: Record drawings were provided via amendment 0003

Crane Information Form for Underrunning (Single Girder) Crane(s)

[Print Form](#)

For instructions and guidance on how to fill out the the Crane Information Form, click here: https://portal.navy.mil/pls:portal2/docs/PAGE/NAVFAC/NAVFAC_WW/FP/NAVFAC_NCC_PP/FILE/2/NCC/Form08-003Instructions.PDF or contact the Navy Crane Center.

Date Aug 19, 2011

1. POINTS OF CONTACT

1A. Project Manager	1B. End User	1C. Certifying Official	1D. Facility Engineer
Name _____	Name _____	Name _____	Name _____
Activity <u>MCAS CP Facilities Engr</u>	Activity <u>DLA Distribution - CP</u>	Activity _____	Activity _____
Phone _____	Phone _____	Phone _____	Phone _____
Email _____	Email _____	Email _____	Email _____

2. LOCATION

2A. Crane Location Information	2B. Building Information
Activity <u>DLA DISTRIBUTION - CHERRY POINT</u>	Project Name <u>Facility Repairs & Modifications, Building 150</u>
Activity UIC# _____ Activity DODAAC # _____	Building Name / # <u>150</u>
2C. Crane Installation Information	Room, Area, or Bay for Crane <u>Bay "F"</u> New Building? <u>No</u>
Desired Date For Crane Operation _____	

3. CRANE / RUNWAY CAPACITY

3A. Crane Hoist/Trolley Capacity <u>10,000</u> lbs
3B. Is more than one trolley desired on the same bridge/runway? <u>No</u> If Desired, Maximum Load for "Trolley A" _____ lbs If Desired, Maximum Load for "Trolley B" _____ lbs
3C. Are there any additional cranes on this runway? <u>No</u> Are there plans to remove or add additional cranes? <u>No</u>
Please describe plans for additional cranes, if applicable: _____

4. QUANTITY/TYPE OF CRANE

4A. Number of Identical Cranes Required <u>1</u>
4B. Hoist Type: 1. Lifting Means: <input type="checkbox"/> Chain <input checked="" type="checkbox"/> Wire Rope 2. Hoist Power Source: <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Pneumatic <input type="checkbox"/> Manual (Chain Only)
4C. Bridge Type: 1. Runway Type: <input type="checkbox"/> Monorail <input type="checkbox"/> Jib Crane <input checked="" type="checkbox"/> Bridge Crane 2. Bridge Power Source: <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Manual (Chain Sprocket)

4D. Trolley Type:

Trolley Power Source: Electric Pneumatic Manual (Chain Sprocket) Manual (Pull)

5. CRANE SERVICE AND ENVIRONMENT

5A. What service of work is the crane intended for (SPS or GPS)? General Purpose Service (GPS)

5B. Class of Service

What is the required CMAA #74 / ASME HST Class of Service? Class C / H3 (Moderate Service)

If class of service is unknown, please provide the number of estimated main hoist lifts for the following cases:

Full load lifts in 8 hour shift _____ 50% full load lifts in 8 hour shift _____
75% full load lifts in 8 hour shift _____ 25% full load lifts in 8 hour shift _____ Total # of main hoist lifts per 24 hour period _____

5C. Please provide a brief explanation of the lifting operations to be performed by this crane:

[Empty box for explanation of lifting operations]

5D. Operating Environment

1. Classification:

Non-Hazardous Hazardous Corrosive Dusty Other: _____

2. If area is hazardous, please address the following (if known):

NEC Class: _____ Division: _____ Group: _____ If multiple hazardous areas are present please check here:

a. Height above floor that hazardous protection is required? _____ Ft

b. Spark resistant construction required (for mechanical components)? _____

c. Will the crane be doing either of the following: Hot (Molten) Metal Service Ordinance/Explosive Handling Service

3. Is captivation required? No _____ If yes, please provide a brief explanation: _____

4. Will occasional oil or grease drips be objectionable to the point of requiring the added expense of oil/grease tight gear cases or drip pans (containment)? _____ No

If yes, please provide a brief explanation: _____

5. Where will the crane operate: Indoors Outdoors Both

6. What are the ambient operating temperatures for the crane?

High Temperature: 90 °F Low Temperature: 65 °F

7. If any further operating environment considerations are necessary please explain: _____

6. CRANE CONTROLS

6A. Methods of Crane Control

1. Primary method of crane control: Floor (Pendant) Radio Infrared Wall Other: _____

2. Are secondary crane controls required? No _____ If yes, which type:

Floor (Pendant) Radio Infrared Wall Other: _____

6B. Pendant Controls If the crane has pendant controls please answer the questions in this section.

1. Please indicate all options that apply to the pendant controls on this crane:

- Lockable
- Detachable
- Retractable
- Indicator Lights on Pendant

2. Pendant control movement (choose one): Separate Messenger Track Suspended from Trolley

6C. Radio Controls If the crane has radio controls please answer the questions in this section.

1. Please indicate the type of controllers to be used for the radio controls on this crane:

- Pushbutton Type Controls
- Joystick Type Controls

2. Frequency range (if known): _____ Licensed (FCC Part 90) Unlicensed (FCC Part 15)

6D. If any further crane control considerations are necessary please explain:

7. CRANE SPEED

7A. Please provide information on the desired speed ranges for the crane. Contact Navy Crane Center if assistance is required.

- 1. Bridge max speed: 50 Ft/Min Bridge min speed: 5 Ft/Min
- 2. Trolley max speed: 50 Ft/Min Trolley min speed: 5 Ft/Min
- 3. Main Hoist max speed: 15 Ft/Min Main Hoist min speed: 2 Ft/Min

7B. Is a slow speed selector switch required for precise positioning? No

8. CRANE ELECTRICAL DESIGN

8A. Crane Electrification

1. Please indicate who will be supplying crane runway conductors:

- Existing
- Crane Contractor
- Building Contractor

2. Please indicate if there is a preference for runway electrification to be provided:

- Festoon
- Conductor Bar
- No Preference

3. If the crane runway conductors are existing or building contractor supplied, please provide the following:

Crane runway type: _____ Crane runway size: _____ A Crane runway manufacturer's model #: _____

4. What is the rating and voltage of the branch circuit supplying the crane?

Voltage: _____ V Current: _____ A

5. What is the location of the existing electrical disconnect switch/circuit breaker? _____

8B. Electrical Control

If there is an electric power source, indicate the type of electrical control desired for the crane's motors.

- 1. Main Hoist: Inverter (Speed Points) Inverter (Infinitely Variable) Single Speed Two Speed
- 2. Trolley: Inverter (Speed Points) Inverter (Infinitely Variable) Single Speed Two Speed
- 3. Bridge: Inverter (Speed Points) Inverter (Infinitely Variable) Single Speed Two Speed

8C. Will indicator lights (power available, power on, faults, etc.) be required to be mounted on the crane/bridge? Yes

8D. Inverter Control

1. For inverter controls with speed points, please indicate the number of speed points (steps) for each function:

Main Hoist : ___ Auxiliary Hoist : ___ Trolley : ___ Bridge : ___

2. Is a data logger desired to record faults? No

8E. Is electromagnetic interference (EMI) suppression required? No

9. SAFETY

9A. Capacity Overload Protection

1. Please indicate which of the following the crane shall be equipped with to prevent overloading the crane's capacity:

Overload Warning Overload Lockout No Overload Protection

2. Please indicate percentage of full capacity where overload protection shall be set:

9B. Are anti-collision interlocks required? No

9C. Please indicate which warning devices are required (at least one required for cab or remote operated cranes):

Horn Bell Siren Rotating Beacon Strobe Light Other:

9D. Travel Limitations

1. Are travel limits required? Yes

2. Will the crane cross over to another runway? No Will the trolley cross over to another crane bridge? No

3. Will the crane pass through doors? No

10. OTHER CRANE CONSIDERATIONS

10A. Cranes are typically painted bright yellow. If special painting is required, check here and explain below.

10B. Who will provide the certified test weights and rigging gear for acceptance testing of the crane:

Government Crane Contractor

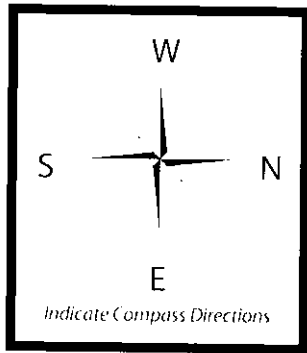
10C. Indicate below how many hard copies of the operation and maintenance manuals and drawings are required:

Number of hard copies of manuals 3 Number of hard copies of drawings 3

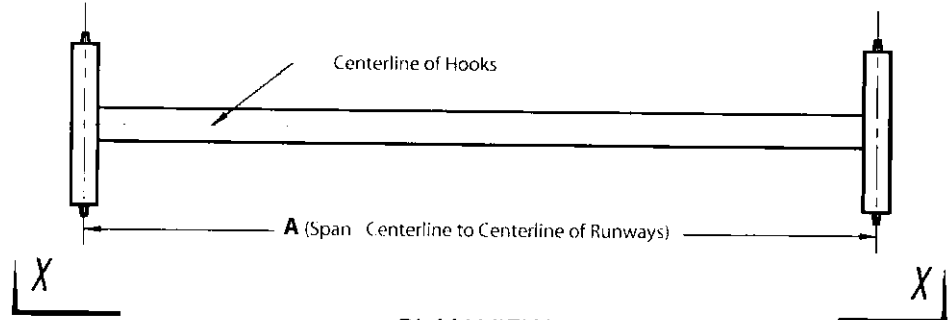
10D. Is operational and maintenance training required for this crane? No

10E. Please use the space below to expand on any answer to the above questions or to provide any other information that is considered important to the crane procurement:

OVER HEAD CRANE CLEARANCE WORKSHEET

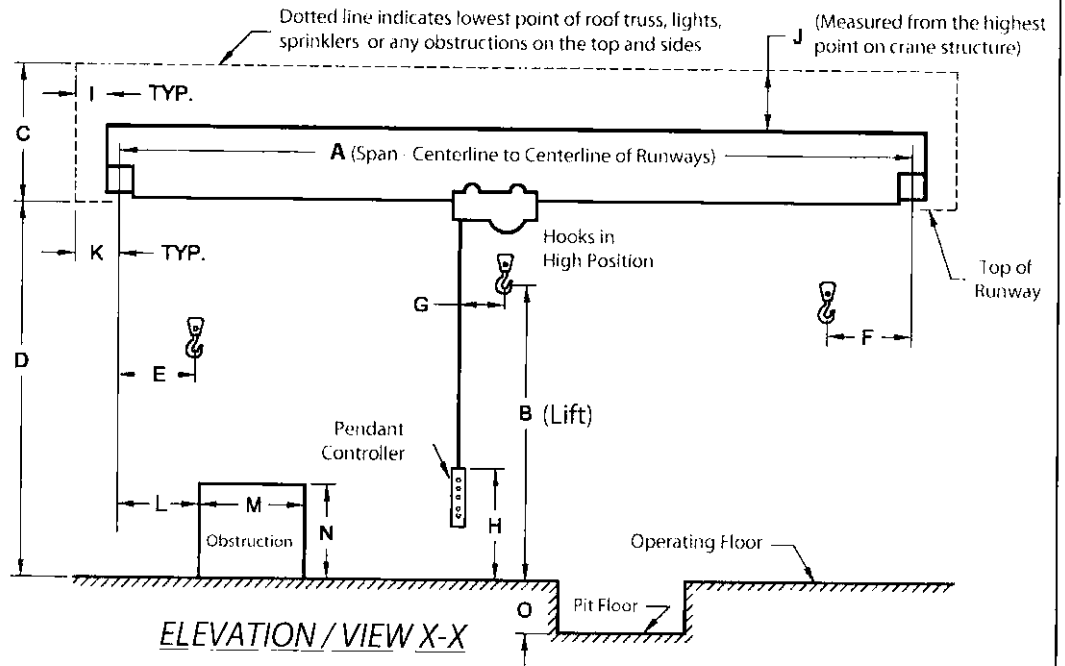


- TOP RUNNING SINGLE GIRDER CRANE NEW EXISTING
- UNDER RUNNING SINGLE GIRDER CRANE NEW EXISTING
- RUNWAY SYSTEM NEW EXISTING

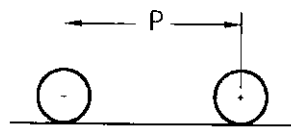


PLAN VIEW

- A: 26'-0"
- B: 15'-0" min.
- C: _____
- D: _____
- E: 2'-0" max.
- F: 2'-0" max.
- G: _____
- H: 3'-0" ref.
- I: 2" min.
- J: 3" min.
- K: 2'-0" (smallest)
- L: n/a
- M: n/a
- N: n/a
- O: n/a
- P: n/a



ELEVATION / VIEW X-X



EXISTING CRANE'S WHEEL SPACING

TOP RUNNING CRANE

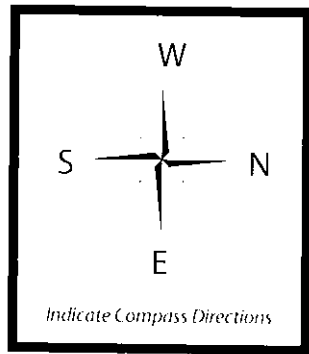
- RAIL SIZE: _____ lbs./yard -
- MAXIMUM ALLOWABLE WHEEL LOAD, EXCLUDING IMPACT: _____ lbs

UNDER RUNNING CRANE

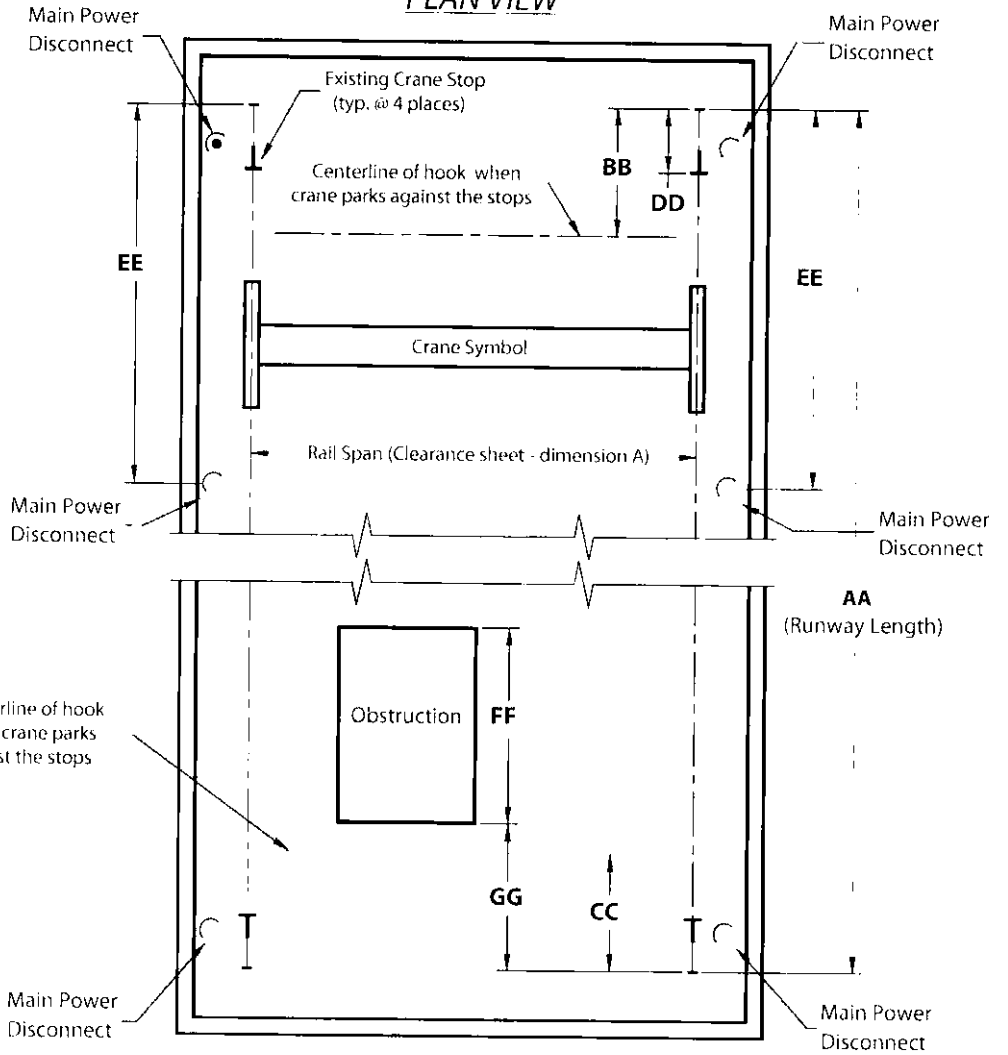
- RUNWAY TYPE: _____
- MAXIMUM ALLOWABLE LOAD AT RUNWAY TRACK BEAM SUPPORT POINT, EXCLUDING IMPACT: _____ lbs

NOTE(S): _____

OVER HEAD CRANE BUILDING WORKSHEET



PLAN VIEW

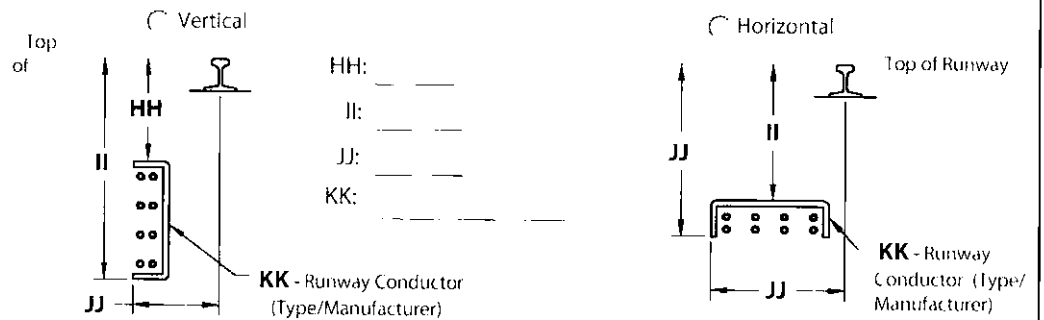


- AA: 80'-0" _____
- BB: 3'-0" max. _____
- CC: 3'-0" max. _____
- DD: 1'-0" max. _____
- EE: 40'-0" ref. _____
- FF: n/a ref. _____
- GG: n/a ref. _____

CRANE ELECTRIFICATION

Voltage: 208 VAC
 Power: _____ AMP
 Frequency: 60 Hz
 Phase: 3

EXISTING RUNWAY CONDUCTOR CONFIGURATION



NOTE(S):