

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 14
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 23-May-2016	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)
6. ISSUED BY NAVFAC MID ATLANTIC PWD CRANE FEAD 300 HIGHWAY 361 NSA BLDG 2516 CRANE IN 47522	CODE N40085	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. N40085-16-R-2803	
		X	9B. DATED (SEE ITEM 11) 21-May-2016	
			10A. MOD. OF CONTRACT/ORDER NO.	
			10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer 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 <u>1</u> copies 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 CONTRACT 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 ADMINISTRATIVE 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 <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SOLICITATION #N40085-16-R-2803, ROOF REPAIRS AND REPLACEMENT AT THE NAVAL SUPPORT ACTIVITY CRANE INDIANA AND THE GLENDORA TEST FACILITY, SULLIVAN, INDIANA The following changes are made to this solicitation: 1. Remove Section 00101 and replace with the revised, attached Section 00101 2. Remove Exhibits A through E and replace with the revised, attached Exhibits A through E. Complete and submit the revised exhibits with your proposal. PROPOSAL DUE DATE REMAINS UNCHANGED. ACKNOWLEDGE RECEIPT OF THIS AMENDMENT WITH YOUR PROPOSAL.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Carrie L. Grimard, Contracting Officer TEL: 812-854-6641 EMAIL: carrie.grimard@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)	16C. DATE SIGNED 23-May-2016	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION 00100 - BIDDING SCHEDULE/INSTRUCTIONS TO BIDDERS

The following have been modified:

DIVISION 00 PRICING INFORMATION
2016 ROOF CONTRACT (AMENDMENT 0002)

DIVISION 00 PRICING INFORMATION

SECTION 00101 - BID SCHEDULE -- BASIS OF PRICES

1. BASIS OF AWARD

1.1 Offerors shall submit a completed Schedule of Estimated Work as part of the price proposal. Upon award, the approved Schedule of Estimated Work shall be a part of the contract and provide the basis for fixed unit prices. Pricing for the Schedule of Estimated Work shall be obtained by entering the proposed unit price for each Exhibit Line Item (ELIN) listed, multiplying it by the estimated quantity, and entering the mathematical extension in the subtotal column. Unbalancing or failure to enter a unit price for each Exhibit Line Item listed in the Schedule of Estimated Work may be cause for rejection of the proposal.

In the event there is a difference between a unit price and the extended total amount, the unit price will be held to be the intended proposal and the total recomputed accordingly. If the offeror provides a total amount for a contract item but fails to enter the unit price, the amount divided by the specified quantity will be held to be the intended unit price.

1.2 For the purpose of uniformity in proposals, offers shall consider the detailed requirements of Technical Sections, and the conditions listed below in the computation of their unit prices for all tasks listed in the Schedule of Work.

1.3 For Estimated Quantities the Contractor shall reference clauses 252.216-7006 - Ordering; 52.216-19 - Delivery-Order Limitations; 52.216-21 – Requirements.

1.4 This contract is for repair and replacement of existing roofs center wide. This work will be accomplished via a requirements contract. This contract contains provisions for a 12-month base period, plus four 12-month option periods to be exercised at the Government's discretion. Under no circumstances shall the term of the contract exceed 60 months. Under the terms of this type of contact, the Government does not guarantee a minimum amount of services to be ordered. However, the Government is obligated to order from the Contractor, and no other source, all supplies or services of the type described in the contract which are contracted for during the contract term. Exceptions are total renovations which include roof replacement, work which will be accomplished by Government forces, work included as part of new mil-con or other new or major renovation building projects, and work under the Government Purchase Card threshold which is currently \$2,000.00. If the contractor does not accept an order, the Government reserves the right to procure the services from other sources. Each roof warranty shall be supplied to the contracting officer within 35 days after the roof has been completed, 10% of the roof project awarded funds will be with held until the warranty is received by the government.

BASIS OF UNIT PRICES:

1. For the purpose of uniformity, offerors shall consider the detailed requirements of the Technical Sections and the conditions listed below in subparagraphs 1.1 through 1.91.

Unit Price for all line items listed under A001 through A091, B001 through B091, C001 through C091, D001 through D091 and E001 through E091 in the Exhibit Line Items shall include all costs including but not limited to labor, transportation, material, equipment, management, and supervision as required to accomplish the Exhibit Line Item in the unit price unless specifically identified in the line item description (subparagraphs 1.1 through 1.91) as not being a part of the unit price. Contractor is responsible for disposal of all material removed during each project. Maintenance, repair, and installation shall be in accordance with manufacturer's specifications, instructions, recommendation and all sections of this contract. Contractor shall provide maximum warranty for each roof type as specified in Division 07.

The price of each task order will be obtained by using the appropriate exhibit line items with the finished product quantities. Additional quantities deemed necessary by the contractor or manufacturer for waste and/or overlaps should not be included in line item quantities. For each project, the Government and the contractor will perform a joint scoping site visit and agree on the line items and finished project quantities. The agreed upon line items and quantities will result in a firm fixed-priced task order with a specified delivery date. In the event there is no line item for the required work, the Government and the contractor will agree on a breakdown of labor, material and equipment costs based on RS Means.

Accessories and associated work to Exhibit Line Items: All materials and labor necessary to accomplish the Exhibit Line Item shall be a part of the unit price bid unless specifically identified as not being part of the unit price. When material is identified as "not being part of the unit price" that material may be purchased under another EXHIBIT Line Item or may be Government-furnished, at the Government's discretion.

The contractor shall submit pre-priced line items for the base year and 4 option periods (Exhibits A, B, C, D & E). These pre-priced line items shall include all increases for labor, material, equipment, and other costs. The current Construction Wage Rate Requirements Wage Determination will be incorporated at the time the option is exercised. The pre-priced line items for each option period shall include any and all increases for labor costs at the time the option is exercised. The Government will not negotiate a change to the pre-priced option period line items proposed by the Contractor as a result of changes to the Construction Wage Rate Requirements Wage Determination. The Contractor shall include any anticipated changes in wages in the pre-priced line items for the option periods.

1.1 Unit price for exhibit line items A001, B001, C001, D001, & E001 shall be for material and installation of a **single ply 0.090 inch, Ethylene Propylene Diene Monomer** (E.P.D.M.) roofing system WHITE with **fully adhered** sheets. This line item shall meet the requirements of section 07 53 23 ETHYLENE-PROPYLENE-DIENE-MONOMER ROOFING in this contract. Adhesives are a part of unit price. Unit price is completed square.

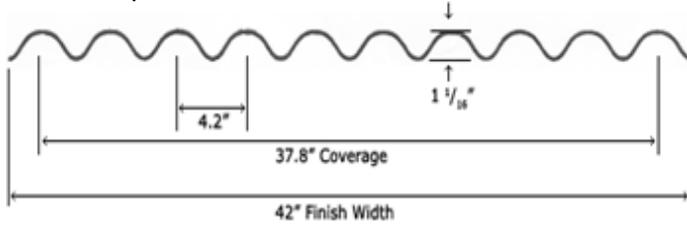
1.2 Unit price for exhibit line items A002, B002, C002, D002, & E002 shall be for material and installation of a **single ply 0.080 inch polyvinyl chloride** (PVC) and PVC blend thermoplastic sheet roofing, with associated thermoplastic flashing for installations with insulation below the membrane. Application method shall be **mechanically attached**. Metal fasteners are a part of unit price. Unit price is completed square. Roof system shall be installed in accordance with manufacturers printed instructions. This line item shall meet the requirements of section 07 54 19 POLYVINYL-CHLORIDE (PVC) ROOFING of this contract.

1.3 Unit price for exhibit line items A003, B003, C003, D003, & E003 shall be for material and installation of a **single ply 0.080 inch polyvinyl chloride** (PVC) and PVC blend thermoplastic sheet roofing, with associated thermoplastic flashing for installations with insulation below the membrane. Application method shall be **fully adhered** system. Adhesives are a part of unit price. Unit price is completed square. Roof system shall be installed in accordance with manufacturers printed instructions. This line item shall meet the requirements of section 07 54 19 POLYVINYL-CHLORIDE (PVC) ROOFING of this contract.

1.4 Unit price for exhibit line items A004, B004, C004, D004, & E004 shall be for material and installation of **metal roof R type**. Roof panels shall be standard 26 gauge steel and have a factory color finish meeting the specified requirements. Roof panels shall have interlocking ribs for securing adjacent sheets. Metal fasteners are a part of unit price. Fastening system shall be with exposed penetrating fastener type. Roof system shall be installed in accordance with manufacturers printed instructions. This line item shall meet the requirements of section 07 41 13 METAL ROOF PANELS of this contract. Unit price is completed square foot.

1.5 Unit price for exhibit line items A005, B005, C005, D005, & E005 shall be for material and installation of **steel standing seam metal roof system**. Roof panels shall be standard 24 gauge flat profile with a 1-3/4 inch minimum standing seam with concealed clip fastening system and to be mechanically field crimped. Roof system shall be installed in accordance with manufacturers printed instructions. This line item shall include all system installation accessories and meet the requirements of section 07 61 14. 00 20 STEEL STANDING SEAM ROOFING of this contract. Unit price is completed square foot.

1.6 Unit price for exhibit line items A006, B006, C006, D006, & E006 shall be for material and installation of **4.2" corrugated metal** roof system that has the same profile as our existing transite roof panels. Roof panels shall be standard 24 ga. steel and have a factory color finish meeting the specified requirements. Fastening system shall be with exposed penetrating fastener type. Roof system shall be installed in accordance with manufacturers printed instructions. Unit price is completed square foot. This line item shall include all system installation accessories and meet the requirements of section 07 41 13 METAL ROOF PANELS of this contract 4.2" Corrugated Metal Panels



1.7 Unit price for exhibit line items A007, B007, C007, D007, & E007 shall be for material and installation of **B type metal decking**. Roof panels shall be standard 24 ga. steel and have a factory color finish meeting the specified requirements. Fastening system shall be with exposed penetrating fastener type. Roof system shall be installed in accordance with manufacturers printed instructions. This line item shall include all system installation accessories and meet the requirements of section 07 41 13 METAL ROOF PANELS of this contract. Unit price is completed square foot.

1.8 Unit price for exhibit line items A008, B008, C008, D008, & E008 shall be for material and installation of factory-formed **insulated aluminum or steel roof panels** with a minimum R-value of 20. Assemblies shall be fabricated from two sheets of metal with modified polyisocyanurate or polyurethane foam insulation core foamed-in-place or board during fabrication with joints between panels designed to form weather-tight seals. Include accessories required for weather-tight installation. Unit price is completed square foot. The panels shall be room fire rated and roof covering fire rated. This line item shall conform to Division 07, Thermal and moisture protection of this contract.

1.9 Unit price for exhibit line items A009, B009, C009, D009, & E009 shall be for material and installation of Mineral granule-surfaced **asphalt shingles**, self-sealing, square tab, strip, fungus-resistant impact resistant shingles conforming to UL 2218, Class 4, ASTM D3018/D3018M, Type I, and ASTM D3462/D3462M, **architectural shingles** weighing not less than 290 pounds per 100 square feet. Metal fasteners are a part of unit price. Unit price is completed square. Shingles shall meet the fire resistance requirements of UL 790 for Class A and the wind resistance requirements of ASTM D3161/D3161M, Class F. Color shall be as selected from the manufacturer's standard color charts. This line item shall meet the requirements of section 07 31 13 ASPHALT SHINGLES of this contract.

1.10 Unit price for exhibit line items A010, B010, C010, D010, & E010 shall be for material and installation of **Asphalt-saturated felt** conforming to ASTM D4869/D4869M or ASTM D226/D226M, Type II, number 30#,

without perforations or other material specified by the shingle manufacturer for use as underlayment conforming to Division 07, Thermal and moisture protection of this contract. Metal fasteners are a part of unit price. Unit price is completed square.

1.11 Unit price for exhibit line items A011, B011, C011, D011, & E011 shall be for material and installation of 1/2 inch fiberglass mat faced gypsum cover board fully adhered or with flat metal discs not less than 1-3/8 inch diameter and nailed 16 times per 8 ft X 4 ft sheet as indicated and per manufacturer's recommendation. Metal fasteners and adhesives are a part of unit price. Unit price is completed square foot. This line item shall meet the requirements of SECTION 07 22 00 ROOF AND DECK INSULATION of this contract.

1.12 Unit price for exhibit line items A012, B012, C012, D012, & E012 shall be for material and installation of 1/2 inch closed cell Polyethylene foam insulation; aluminum foil faced both sides with a class a rating installed as per manufacturer's recommendation. Fasteners and seam tapes are included in unit price. Unit price is completed square foot. This line item shall meet the requirements of SECTION 07 22 00 ROOF AND DECK INSULATION of this contract.

1.13 Unit price for exhibit line items A013, B013, C013, D013, & E013 shall be for material and installation of 1 1/2 inch Polyisocyanurate Board: ASTM C1289 Type II, fibrous felt or glass mat membrane both sides, except minimum compressive strength shall be 20 pounds per square inch (psi). Insulation shall be mechanically fastened as per manufacturer's recommendation to with stand a wind speed of 90 MPH. Metal fasteners are a part of unit price. Unit price is completed square foot. This line item shall meet the requirements of SECTION 07 22 00 ROOF AND DECK INSULATION of this contract.

1.14 Unit price for exhibit line items A014, B014, C014, D014, & E014 shall be for material and installation of 1 1/2 inch Polyisocyanurate Board: ASTM C1289 Type II, fibrous felt or glass mat membrane both sides, except minimum compressive strength shall be 20 pounds per square inch (psi). Insulation shall be fully adhered to with stand a wind speed of 90 mile per hour. Adhesives are a part of unit price. Unit price is completed square foot. This line item shall meet the requirements of SECTION 07 22 00 ROOF AND DECK INSULATION of this contract.

1.15 Unit price for exhibit line items A015, B015, C015, D015, & E015 shall be for material and installation of 2 inch Polyisocyanurate Board: ASTM C1289 Type II, fibrous felt or glass mat membrane both sides, except minimum compressive strength shall be 20 pounds per square inch (psi). Insulation shall be mechanically fastened sheet as per manufacturer's recommendation to with stand a wind speed of 90 MPH. Metal fasteners are a part of unit price. Unit price is completed square foot. This line item shall meet the requirements of SECTION 07 22 00 ROOF AND DECK INSULATION of this contract.

1.16 Unit price for exhibit line items A016, B016, C016, D016, & E016 shall be for material and installation of 2 inch Polyisocyanurate Board: ASTM C1289 Type II, fibrous felt or glass mat membrane both sides, except minimum compressive strength shall be 20 pounds per square inch (psi). Insulation shall be fully adhered to withstand a wind speed of 90 mile per hour. Adhesives are a part of unit price. Unit price is completed square foot. This line item shall meet the requirements of SECTION 07 22 00 ROOF AND DECK INSULATION of this contract.

1.17 Unit price for exhibit line items A017, B017, C017, D017, & E017 shall be per board foot of material and installation Tapered Roof Insulation assembly shall be factory tapered to a slope of not less than 1/4 inch per foot in 4'X4' ft sheets and fully adhered or mechanically fastened, the insulation shall withstand a 90MPH wind and as per manufacturer's recommendation. Metal fasteners and adhesives are a part of unit price. Unit price is completed board foot.

1.18 Unit prices for exhibit line items A018, B018, C018, D018, & E018 shall be for material and installation of 0.060 inch Thick EPDM flashing and accessories including base flashing, perimeter flashing and penetration flashings. The height of the flashing above the finished roof shall be as directed by the OIC or his authorized representative but in no case less than 8". Unit price is completed square foot. This line item shall meet the requirements of SECTION 07 60 00 FLASHING AND SHEET METAL of this contract.

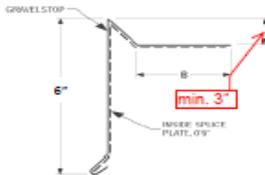
1.19 Unit prices for exhibit line items A019, B019, C019, D019, & E019 shall be for material and installation of 0.060 inch Thick **PVC flashing** and accessories including base flashing, perimeter flashing and penetration flashings. The height of the flashing above the finished roof shall be as directed by the OIC or his authorized representative but in no case less than 8". Unit price is completed square foot. This line item shall meet the requirements of SECTION 07 60 00 FLASHING AND SHEET METAL of this contract.

1.20 Unit prices for exhibit line items A020, B020, C020, D020, & E020 shall be for material and installation of 0.090 inch Thick and 30 inch wide **PVC walk pad** and accessories. Walk pad shall not cover seams in the membrane. Unit price is completed linear foot. This line item shall meet the requirements of SECTION 07 54 19 POLYVINYL-CHLORIDE (PVC) ROOFING of this contract.

1.21 Unit price for exhibit line items A021, B021, C021, D021, & E021 shall be for material and installation of **vent and stack flashing** up to 8" in diameter. Prepare flashing and sheet metal as required for the type of roofing. This shall include slip flashing collar and flange. Provide proper caulking to all vents and stack flashings. This line item shall meet the requirements of SECTION 07 60 00 FLASHING AND SHEET METAL of this contract.

1.22 Unit price for exhibit line items A022, B022, C022, D022, & E022 shall be for material and installation of .032 thick aluminum **counters flashing**. The installation of counter flashing inserted in reglets shall have the concealed edge of the flashing turned back to form a wedge shape. Lead wedges shall be installed 18 inch on centers. The flashing in reglets shall be filled with non-shrink caulking. Flashing installed in areas without reglets shall be installed on ¼ in. X 1-1/8 in. aluminum batten strips fastened 18 inch on centers with 3/8" X 1-1/2" masonry fasteners. The flashing shall be folded away at the top and filled with non-shrink caulking. The aluminum batten strip is included in this sub-bid item, the masonry fasteners are a part of the unit price. Unit price is completed square foot. This line item shall meet the requirements of SECTION 07 60 00 FLASHING AND SHEET METAL of this contract.

1.23 Unit prices for exhibit line items A023, B023, C023, D023, & E023 shall be for material and installation of 6 inch 0.070 thick aluminum **gravel stops** and drip edges with prefabricated mitered corner pieces. Fasteners are a part of the unit price. Unit price is completed linear foot. This line item shall meet the requirements of SECTION 07 60 00 FLASHING AND SHEET METAL of this contract.



1.24 Unit prices for exhibit line items A024, B024, C024, D024, & E024 shall be for material and installation of 10 inch 0.070 thick aluminum **gravel stops** and drip edges with prefabricated mitered corner pieces. Fasteners are a part of the unit price. Unit price is completed linear foot. This line item shall meet the requirements of SECTION 07 60 00 FLASHING AND SHEET METAL of this contract.



1.25 Unit prices for exhibit line items A025, B025, C025, D025, & E025 shall be for material and installation of seamless **6 inch commercial type** gutters of shape indicated and supported by brackets that permit free thermal movement of the gutter. Provide gutters in sizes indicated complete with mitered corners, end caps, outlets, brackets, and other accessories necessary for installation. Unit price is completed linear foot. This line item shall meet the requirements of SECTION 07 60 00 FLASHING AND SHEET METAL of this contract.

1.26 Unit price for exhibit line items A026, B026, C026, D026, & E026 shall be for material and installation of 6 inch box type gutters shaped as specified. The gutter shall be supported on the underside with brackets that permit thermal movement of gutter. The gutter system shall include mitered corners, joint connectors and miscellaneous fittings as may be required for a complete installation. Unit price is completed linear foot. This line item shall meet the requirements of SECTION 07 60 00 FLASHING AND SHEET METAL of this contract.

1.27 Unit price for exhibit line items A027, B027, C027, D027, & E027 shall be for material and installation of 8 inch box type gutters shaped as specified. The gutter shall be 22 gauge galvanized steel and supported on the underside with brackets that permit thermal movement of the gutter. The gutter system shall include mitered corners, joint connectors and miscellaneous fittings required for complete installation. Unit price is completed linear foot. This line item shall meet the requirements of SECTION 07 60 00 FLASHING AND SHEET METAL of this contract.

1.28 Unit price for exhibit line items A028, B028, C028, D028, & E028 shall be for material and installation 3"x 4" downspouts joined by rivets or screws. The spout shall be secured to the wall with racks and keys. All fittings required for a complete system are included in this sub-bid item. Unit price is completed linear foot. This line item shall meet the requirements of SECTION 07 60 00 FLASHING AND SHEET METAL of this contract.

1.29 Unit price for exhibit line items A029, B029, C029, D029, & E029 shall be for material and installation of 3 inch round downspouts joined by rivets or screws. The spout shall be secured to the wall with racks and keys. All fittings required for a complete system are included in this sub-bid item. Unit price is complete linear foot. This line item shall meet the requirements of SECTION 07 60 00 FLASHING AND SHEET METAL of this contract.

1.30 Unit price for exhibit line items A030, B030, C030, D030, & E030 shall be for material and installation of 4 inch round downspouts joined by rivets or screws. The spout shall be secured to the wall with racks and keys. All fittings required for a complete system are included in this sub-bid item. Unit price is completed linear foot. This line item shall meet the requirements of SECTION 07 60 00 FLASHING AND SHEET METAL of this contract.

1.31 Unit price for exhibit line items A031, B031, C031, D031, & E031 shall be for material and installation of 6 inch square downspouts joined by rivets or screws. The spout shall be secured to the wall with racks and keys. All fittings required for a complete system are included in this sub-bid item. Unit price is completed linear foot. This line item shall meet the requirements of SECTION 07 60 00 FLASHING AND SHEET METAL of this contract

1.32 Unit price for exhibit line items A032, B032, C032, D032, & E032 shall be for material and installation of starter strip in conjunction with eaves, valleys, and roof edges. Contractor shall apply starter strip at eaves, using 9" wide strip of mineral-surfaced roll roofing of a color to match shingles. Contractor shall install starter strip overlapping the metal drip edge at eaves and rake edges 3/8" to 3/4". Place nails so top of nail is exposed to cutouts of first course of shingles. Fasteners are a part of the unit price. Unit price is completed linear foot. This line item shall meet the requirements of section 07 31 13 ASPHALT SHINGLES of this contract

1.33 Unit price for exhibit line items A033, B033, C033, D033, & E033 shall be for material and installation of pressure-treated 2"x 4" wood Nailers, fascia boards or purlins. This line item shall include painting. The installation shall be anchored securely to continuous construction with approved fasteners space 24 inch on centers. Fasteners are a part of unit price. Unit price is completed linear foot. All wood exposed after work completion shall be painted to match existing color at no additional cost to the Government. This line item shall conform to SECTION 06 10 00 ROUGH CARPENTRY Division 07, Thermal and moisture protection of this contract

1.34 Unit price for exhibit line items A034, B034, C034, D034, & E034 shall be for material and installation of pressure-treated 2"x 6" wood Nailers, fascia boards or purlins. This line item shall include painting. The installation shall be anchored securely to continuous construction with approved fasteners space 24 inch on centers. Fasteners are a part of unit price. Unit price is completed linear foot. All wood exposed after work completion shall

be painted to match existing color at no additional cost to the Government. This line item shall conform to SECTION 06 10 00 ROUGH CARPENTRY Division 07, Thermal and moisture protection of this contract

1.35 Unit price for exhibit line items A035, B035, C035, D035, & E035 shall be for material and installation of pressure-treated **2"x 10"** wood Nailers, fascia boards or purlins. This line item shall include painting. The installation shall be anchored securely to continuous construction with approved fasteners space 24 inch on centers. Fasteners are a part of unit price. Unit price is completed linear foot. All wood exposed after work completion shall be painted to match existing color at no additional cost to the Government. This line item shall conform to SECTION 06 10 00 ROUGH CARPENTRY Division 07, Thermal and moisture protection of this contract

1.36 Unit price for exhibit line items A036, B036, C036, D036, & E036 shall be for material and installation of new **¾ inch thick type CDX plywood** decking. Fasteners are a part of unit price. Unit price is completed square foot. All decking shall be installed in accordance with SECTION 06 10 00 ROUGH CARPENTRY of this contract.

1.37 Unit price for exhibit line items A037, B037, C037, D037, & E037 shall be for material and installation of new **½ inch thick type CDX plywood** decking. Fasteners are a part of unit price. Unit price is complete square foot. All decking shall be installed in accordance with SECTION 06 10 00 ROUGH CARPENTRY of this contract.

1.38 Unit price for exhibit line items A038, B038, C038, D038, & E038 shall be for material and installation of **"Z" or "C" purlins** and shall include all fasteners. Unit price is completed linear foot. Steel purlins shall be **4" tall** and 16-gauge steel. Steel purlins shall be hot rolled steel strip with a minimum yield of 55,000 psi and shall conform to the physical characteristics of ASTM A607. This line item will be used in certain roof projects and shall be order by the linear foot (LF) and conforming to Division 5 Metals and Division 07, Thermal and moisture protection of this contract

1.39 Unit price for exhibit line items A039, B039, C039, D039, & E039 shall be for material and installation of **"Z" or "C" purlins** and shall include all fasteners. Unit price is completed linear foot. Steel purlins shall be **8" tall** and 16-gauge steel. Steel purlins shall be hot rolled steel strip with a minimum yield of 55,000 psi and shall conform to the physical characteristics of ASTM A607. This line item will be used in certain roof projects and shall be order by the linear foot (LF) and conforming to Division 5 Metals and Division 07, Thermal and moisture protection of this contract

1.40 Unit price for exhibit line items A040, B040, C040, D040, & E040 shall be for material and installation of 0.016 inch thick **metal drip edge**. The line item shall include all fasteners. Unit price is completed linear foot. Contractor shall provide metal drip edge directly on the wood deck at the eaves and over the underlayment at rakes. Extend metal drip edge at eaves and rake edges 3/8" to 3/4" and back from edge of deck a maximum of 3 ½ inches and secure with nails spaced a maximum of 10 inches on center along inner edge and conform to Division 07, Thermal and moisture protection of this contract.

1.41 Unit priced under exhibit line items A041, B041, C041, D041, & E041 shall be for material and installation of **metal termination bar** to be used at the end of the roofing where the roof membrane is extended up and secured to a horizontal wall surface. The line item shall include all fasteners and required caulking. Unit price is completed linear foot. This termination bar shall be screwed to the wall holding the roofing in place and providing a water-tight seal between the roofing and the wall and conform to Division 07, Thermal and moisture protection of this contract.

1.42 Unit price for exhibit line items A042, B042, C042, D042, & E042 shall be for material and installation of roof **scuppers** around the perimeter of the roof line to channel water away from the roof to the down spouts. The scuppers shall be installed as recommended by manufacture and shall conform to Division 07, Thermal and moisture protection of this contract.

1.43 Unit price for exhibit line items A043, B043, C043, D043, & E043 shall be for material and installation of a **pitch pocket** within the roof. This pitch pocket is used where an un-regular support surface extends through the roof line to support an intersecting roof line and or platforms to support pieces of equipment upon the roof surface. This

pitch pocket is used to seal around the support to stop water from entering inside the building. This line item includes all accessories and shall conform to Division 07, Thermal and moisture protection of this contract

1.44 Unit price for exhibit line items A044, B044, C044, D044, & E044 shall be for material and installation of **Aluminum fascia 6” wide** applied in 8 to 10 foot lengths except at corners and must have a baked-on, factory-applied color coating applied after metal substrates have been cleaned and pretreated. The line item shall include all fasteners. Unit price is completed linear foot. Provide finish coating dry-film and match the existing color or as indicated. This line item shall conform to Division 07, Thermal and moisture protection of this contract.

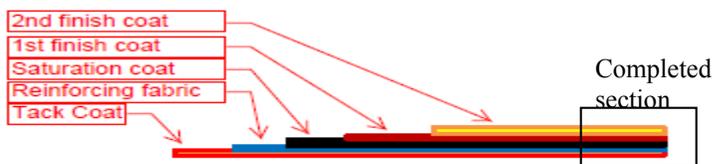
1.45 Unit price for exhibit line items A045, B045, C045, D045, & E045 shall be for material and installation of **Aluminum fascia 12” wide** applied in 8 to 10 foot lengths except at corners and must, have a baked-on, factory-applied color coating applied after metal substrates have been cleaned and pretreated. The line item shall include all fasteners. Unit price is completed linear foot. Provide finish coating dry-film thickness of 0.8 to 1.3 mils, and match the existing color. This line item shall conform to Division 07, Thermal and moisture protection of this contract.

1.46 Unit price for exhibit line items A046, B046, C046, D046, & E046 shall be for removal of existing and replace with new aluminum **turbine type vents up to 10 inches** in dia. All materials and labor for removal as well as installation shall be included. Turbine vents shall be constructed of prefinished aluminum. Vents shall be designed to prevent infiltration of insects, bats, birds, rain, and snow. Turbine vents shall be provided where shown. Turbine vents shall be installed in accordance with the manufacturer’s printed instructions. This line item includes all fasteners and shall conform to Division 07, Thermal and moisture protection of this contract.

1.47 Unit price for exhibit line items A047, B047, C047, D047, & E047 shall be for removal of existing and replace with new **turbine type vents from 11 to 26 inches** in dia. All materials and labor for removal as well as installation shall be included. Turbine vents shall be constructed of prefinished aluminum or galvanized. Vents shall be designed to prevent infiltration of insects, bats, birds, rain, and snow. Turbine vents shall be provided where shown. Turbine vents shall be installed in accordance with the manufacturer’s printed instructions. This line item includes all fasteners and shall conform to Division 07, Thermal and moisture protection of this contract.

1.48 Unit price for exhibit line items A048, B048, C048, D048, & E048 shall be for material and installation of **ridge vents** for metal or shingle roof. Vents shall be designed to prevent infiltration of insects, rain, and snow. Ridge vents shall be provided along the ridge line where shown. Ridge vents shall be installed in accordance with the manufacturer’s printed instructions. Unit price is completed linear foot. This line item includes all fasteners and shall conform to Division 07, Thermal and moisture protection of this contract.

1.49 Unit priced for exhibit line items A049, B049, C049, D049, & E049 shall be for material and installation of **Fluid applied roofing**. This shall be 5 layers as specified below with a total thickness of not less than 60 mils. This price shall be for 1 sq. ft. of completed roof. This line item shall include all preparation of the existing roof that will be coated. This line item shall conform to section 07 14 00 FLUID-APPLIED WATERPROOFING of this contract.



1.50 Unit priced for exhibit line items A050, B050, C050, D050, & E050 shall be for roof moisture **survey using infrared** technology. Wet areas found shall be marked with paint. This line item price shall be for 1 square foot based on a minimum order of 1000 square feet per task order.

1.51 Unit price for exhibit line items A051, B051, C051, D051, & E051 shall be for SF of material and installation of new **wall cap** shall be 22 gauge aluminum or galvanized steel with Kynar finish. Unit price is completed linear foot. This line item includes all fasteners and shall conform to Division 07, Thermal and moisture protection of this contract.

1.52 Unit price for exhibit line items A052, B052, C052, D052, & E052 shall be for LF of material and installation of new **expansion joint coping**. Coping shall be 22 gauge aluminum or galvanized steel with Kynar finish. Unit price is completed linear foot. This line item includes all fasteners and shall conform to Division 07, Thermal and moisture protection of this contract.

1.53 Unit price for exhibit line items A053, B053, C053, D053, & E053 shall be for material and installation of conductor heads. **Conductor heads** shall be 22 gauge aluminum galvanized steel with Kynar finish. Where conductor heads are used in conjunction with scuppers set the conductor a minimum of 2 inches wider than the scupper. Attach the conductor heads to the wall with masonry fasteners and loose-lock. Provide conductor heads with screens of the same material. Securely fasten screens to the heads. This line item includes all fasteners and shall conform to Division 07, Thermal and moisture protection of this contract.

1.54 Unit price for exhibit line items A054, B054, C054, D054, & E054 shall be for material and installation of more than 100 - **3"x5" snow blocks**. The snow blocks shall be installed in accordance with the manufactures specifications. The snow blocks shall be fastened with adhesive that covers the complete mounting surface and be designed for a snow load rating of 20 lb per sq ft. Peel and stick type are not allowed. This line item includes all adhesives and shall conform to Division 07, Thermal and moisture protection of this contract.

1.55 Unit price for exhibit line items A055, B055, C055, D055, & E055 shall be for material and installation of **bar type snow and ice retention system for R type and corrugated metal** roofs. The bar shall be attached at every other rib or 24" maximum. This system shall be designed for the roof slope and a snow load of 20 lb. per. Sq. ft. retention load of 1200 lbs. Unit price is completed linear foot. This line item includes all fasteners and shall conform to Division 07, Thermal and moisture protection of this contract.

1.56 Unit price for exhibit line items A056, B056, C056, D056, & E056 shall be for material and installation of **bar type snow and ice retention system for standing seam metal roofs**. The bar shall be attached at every other joint / seam or 36" maximum. This system shall be designed for the roof slope and a snow load of 20 lb. per. Sq. ft. retention load of 1200 lbs. Unit price is completed linear foot. This line item includes all fasteners and shall conform to Division 07, Thermal and moisture protection of this contract.

1.57 Unit price for exhibit line items A057, B057, C057, D057, & E057 shall be for the preparation and **repairs to joints, seams, and holes in metal roofing**. The work area shall be cleaned of all foreign materials down to the base metal to a distance of 6" in all directions from the work area. Repairs shall be made with impregnated glass cloth and approved plastic cement. Unit price is completed square foot. This line item shall conform to Division 07, Thermal and moisture protection of this contract.

1.58 Unit price for exhibit line items A058, B058, C058, D058, & E058 shall include the preparation and cleaning of the area to be coated so that the roof is free of all oil, grease, rust, loose paint and foreign matter. A liberal **coat of aluminum fiber or asphalt fiber** roof coating shall be applied until a uniform coating free from pin holes and voids is secured. Roof may be either bitumen or metal. This line item shall conform to Division 07, Thermal and moisture protection and Division 9 Paints and coatings of this contract.

1.59 Unit priced for exhibit line items A059, B059, C059, D059, & E059 shall be for material and **installation of EFIS** consisting of sheathing, insulation board 1½" thick, reinforcing fabric, base coat, and finish coat, adhesive and mechanical fasteners as applicable. This price shall be for 1 sq. ft. completed. This line item shall include all preparation of the existing walls that will be coated. This line item shall conform to section 07 24 00 EXTERIOR INSULATION AND FINISH SYSTEMS of this contract.

1.60 Unit price for exhibit line items A060, B060, C060, D060, & E060 shall be for material and **installation of Soffits** (The surface on the underside of eaves) complete. Unit price is completed linear foot. This line item includes all fasteners and shall conform to Division 07, Thermal and moisture protection of this contract.

- 1.61 Unit price for exhibit line items A061, B061, C061, D061, & E061 shall be for the **removal of ethylene propylene diene terpolymer membrane (E.P.D.M.)** roofing. Unit price is completed square foot. The insulation will be removed on a separate line item.
- 1.62 Unit price for exhibit line items A062, B062, C062, D062, & E062 shall be for the **removal of Polyvinyl Chloride (PVC) membrane** roofing. Unit price is square foot removed. The insulation will be removed on a separate line item.
- 1.63 Unit price for exhibit line items A063, B063, C063, D063, & E063 shall be for the **Removal of Modified bituminous** roof membrane up to 5-Ply. Unit price is square foot removed. The insulation will be removed on a separate line item.
- 1.64 Unit price for exhibit line items A064, B064, C064, D064, & E064 shall be for the **removal of up to 5-ply built up** roofing systems including insulation down to the existing roof deck. Unit price is square foot removed.
- 1.65 Unit price for exhibit line items A065, B065, C065, D065, & E065 shall be for the **removal of asphalt/fiberglass shingles with existing felt paper**. Unit price is square foot removed.
- 1.66 Unit price for exhibit line items A066, B066, C066, D066, & E066 shall be for the **removal of rigid insulation** and fasteners. Unit price is square foot removed.
- 1.67 Unit price for exhibit line items A067, B067, C067, D067, & E067 shall be for the **removal stone of ballast**. Unit price is square foot removed.
- 1.68 Unit price for exhibit line items A068, B068, C068, D068, & E068 shall be for the **removal of CDX plywood**. Unit price is square foot removed.
- 1.69 Unit price for exhibit line items A069, B069, C069, D069, & E069 shall be for **the removal Metal Roof** System including moisture barrier. Unit price is square foot removed.
- 1.70 Unit price for exhibit line items A070, B070, C070, D070, & E070 shall be for the **removal of flashing** and accessories including base flashing, perimeter flashing and penetration flashings. Unit price is square foot removed.
- 1.71 Unit price for exhibit line items A071, B071, C071, D071, & E071 shall be for the **removal of vent stacks flashing** on 10 inch and smaller.
- 1.72 Unit price for exhibit line items A072, B072, C072, D072, & E072 shall be for the **removal of counter flashing**, the removal of counter flashing inserted in reglets, the removal of aluminum batten strips, masonry fasteners and removal of caulking. Unit price is square foot removed.
- 1.73 Unit price for exhibit line items A073, B073, C073, D073, & E073 shall be for the **removal of gravel stops and drip edges**. Unit price is linear foot removed.
- 1.74 Unit price for exhibit line items A074, B074, C074, D074, & E074 shall be for the **removal gutters**, brackets and accessories. Unit price is linear foot removed.
- 1.75 Unit price for exhibit line items A075, B075, C075, D075, & E075 shall be for the **removal of downspouts** and fasteners. Unit price is linear foot removed.
- 1.76 Unit price for exhibit line items A076, B076, C076, D076, & E076 shall be for the removal **of wood nailer, purlins and fascia boards**. Unit price is linear foot removed.

1.77 Unit price for exhibit line items A077, B077, C077, D077, & E077 shall be for the removal of **2”X4” wood purlins** that are attached on top of transite roof panels and under shingled roofs. Unit price is linear foot removed.

1.78 Unit price for exhibit line items A078, B078, C078, D078, & E078 shall be for the **removal of gypsum board under roofing** systems. Unit price is square foot removed.

1.79 Unit price for exhibit line items A079, B079, C079, D079, & E079 shall be for the **removal of asbestos transite roof or ceiling panels**. Unit price is square foot removed. Removal of asbestos transite panels shall be in accordance with Indiana rule 326 Indiana administration code (IAC) and shall be licensed in the state of Indiana. Contractor shall remove and dispose of transite panels in accordance with Federal, State and local regulations and laws. Contractor shall remove each roof panel in sections taking care not to crumble, pulverize, or reduce to powder. Each panel shall be wrapped with (6) mil thick polyethylene plastic sheeting which shall be properly labeled prior to disposal, including name or waste generator and location at which the waste was generated. Contractor shall coordinate and submit a detailed job plan to the NAVFAC MW Crane, Asbestos Program Manager via the Contracting Officer for approval prior to demolition. And also meet the requirements of SECTION 02 82 16.00 20 ENGINEERING CONTROL OF ASBESTOS CONTAINING MATERIALS of this contract.

1.80 Unit price for exhibit line items A080, B080, C080, D080, & E080 shall be for **asbestos abatement** such as **shingles, adhesives, flashing, gutters, etc** other than roof transite panels. Unit price is square foot removed and shall be in accordance with Indiana rule 326 Indiana administration code (IAC) and shall be licensed in the state of Indiana. Contractor shall remove and dispose of asbestos containing materials in accordance with Federal, State and local regulations and laws. Contractor shall coordinate and submit a detailed job plan to the NAVFAC MW Crane, Asbestos Program Manager via the Contracting Officer for approval prior to demolition. This line item shall also meet the requirements of SECTION 02 82 16.00 20 ENGINEERING CONTROL OF ASBESTOS CONTAINING MATERIALS of this contract.

1.81 Unit price for exhibit line items A081, B081, C081, D081, & E081 shall be for removal of asbestos contaminated insulation below transite panel roofs. Unit price is square foot removed. This line shall be used only during the complete removal of the transite panel roof. And shall be in accordance with Indiana rule 326 Indiana administration code (IAC) and shall be licensed in the state of Indiana. Contractor shall remove and dispose of asbestos containing materials in accordance with Federal, State and local regulations and laws. Contractor shall coordinate and submit a detailed job plan to the NAVFAC MW Crane, Asbestos Program Manager via the Contracting Officer for approval prior to demolition. **This line item will require a full negative pressure enclosure.** This line item shall also meet the requirements of SECTION 02 82 16.00 20 ENGINEERING CONTROL OF ASBESTOS CONTAINING MATERIALS of this contract.

1.82 Unit price for exhibit line items A082, B082, C082, D082, & E082 shall be for a Private Qualified Person (PQP) selected to prepare the Asbestos Hazard Abatement Plan, direct monitoring and training, and documented evidence that the PQP has successfully completed training in and is accredited and where required is certified as, a Building Inspector, Contractor/Supervisor Abatement Worker, and Asbestos Project Designer as described by **40 CFR 763** and has successfully completed the National Institute of Occupational Safety and Health (NIOSH) 582 course "Sampling and Evaluating Airborne Asbestos Dust" or equivalent. The PQP shall be appropriately licensed in the State of Indiana. The PQP and the asbestos contractor shall not have an employee/employer relationship or financial relationship which could constitute a conflict of interest. The PQP shall be a first tier subcontractor. **This line item shall be priced per day.** - SECTION 02 82 16.00 20 ENGINEERING CONTROL OF ASBESTOS CONTAINING MATERIALS

1.83 Unit price for exhibit line items A083, B083, C083, D083, & E083 shall be for 1 **Asbestos Hazard Abatement Plan** as described in SECTION 02 82 16.00 20 ENGINEERING CONTROL OF ASBESTOS CONTAINING MATERIALS. The contractor shall provide an Asbestos Hazard Abatement Plan for each task order as they are issued. This line item is for 1 Asbestos Hazard Abatement Plan. Past Asbestos Hazard Abatement Plans have been approximately 100 pages.

1.84 Unit price for exhibit line items A084, B084, C084, D084, & E084 shall be for a site visit to locate and identify roof leaks. The price shall be all costs associated with locating leakage point of entry, and reporting the following information to the Contract Representative:

- a. Detailed description of work to be accomplished.
- b. Estimated number of hours to accomplish it.
- c. List of materials required and estimated cost.
- d. Expected delivery date.
- e. Identification of other costs involved.

The contractor shall utilize line items in this contract when preparing a cost proposal to complete repairs of the leaks. If items required as not specifically identified in the exhibit line items, then exhibit line items A088 and A089, B088 and B089 C088 and C089, D088 and D089 or E088 and E089 as appropriate, shall be used.

The Contractor shall not proceed with work prior to receipt of an authorized task order.

1.85 **Emergency Service**

All unit priced tasks under exhibit line items A085, B085, C085, D085, & E085 which are designated as **Emergency Service** are to be priced with the understanding that commencement of work shall be not later than three (3) hours after the issuance of an oral order. Service calls shall not exceed \$300.00 in material cost to the contractor to complete and (8) man hours, not including travel time. The Contractor shall respond to the emergency area and contain the leakage problem by means of temporary repairs. After temporary repairs are completed, the contractor shall submit a proposal utilizing the line items in this contract for permanent repairs. Oral orders arising as a result of emergency situations will be confirmed by issuance of a written Task Order within five (5) working days.

Only designated Government Representatives may issue oral orders in emergency circumstances. Emergency work requirements arise when it is determined by OIC that a situation of danger to personnel and/or damage to critical material, equipment, or a breach of security exists. Emergency situations necessitate pursuing measures necessary to divert water from the emergency area. This line item may consist of covering material, equipment, etc. with water-proofing material such as plastic and diverting water away from area of concern.

1.86 Gutter cleaning

Unit price under exhibit line items A086, B086, C086, D086, & E086 shall be for cleaning gutters. The contractor shall clean all sand, dirt, leaves and debris from the gutter and clean out side down spouts that empty on to the ground. This line price shall be price by the linear foot of gutter only.

1.87 Community Infestation Control

Unit price under exhibit line items A087, B087, C087, D087, & E087 shall be for the labor and material to performing removal of and prevention of community infestation, prevent and control bats, birds or rodents from entering or gathering in or around inert buildings or structures during roof replacement as designated by the KO. Includes observation, clean up, removal of dead animals and sealing of building to include, but not limited to; roof, vents, doors, windows and walls. One year warranty with quarterly inspection to include clean up of any new infestations and if necessary repeat of control measures. This line item shall be priced for 1 SF and the average inert building is 10,000 SF.

1.88 Labor for items not covered it the exhibit line items

Unit price under exhibit line items A088, B088, C088, D088, & E088 shall be for the labor in conjunction with roof repairs that are not covered in the Exhibit Line Items. The Contractor shall provide labor as necessary for the maintenance, repair, and replacement for items not specifically listed within the other exhibit line items. This labor shall be identified by the Contractor in the estimate that is provided to the Government, which identifies the repairs to be made, the material and equipment required, and the amount of labor necessary to perform the work. The Labor Hour Unit Price shall include all direct and indirect costs to perform an hour of labor except material. Cost such as profit, field and office overhead, job estimating, job preparation, licenses, permits, insurance, furnishing submittals,

and all other direct and indirect cost associated with performance are all included as part of labor hour unit prices. Labor hour quantities proposed by the Contractor that accomplish repair jobs are subject to approval by the Contracting Officer or his/her designated representative. No work under this bid item shall be performed until proper authorization from the Government has been received.

1.89 Exhibit line items A089, B089, C089, D089, & E089 are for material and equipment that is not specifically listed within other exhibit line items. The amount listed in the exhibit is for proposal evaluation purposes only and does not necessarily indicate any quantity of material/equipment required by the Government. The Contractor shall provide such materials and/or equipment for repairs and maintenance as required by the Government for the roof maintenance and repair or replacement. The Contractor's cost for material and equipment procured under this ELIN will be reimbursed at the invoice cost, plus a "Fixed Burden Rate". "Fixed Burden Rate" is defined as additional cost, expressed as a percentage of the invoice cost for the Contractor's handling and Overhead. The invoice cost is the supplier's actual invoice for materials and equipment purchased for incorporation in the contract-related repair. The contractor shall provide a copy of the supplier's invoices for material and equipment procured under this ELIN. Note: The amount listed in the exhibit line items is for proposal valuation purposes only and does not necessarily indicate any quantity of material/equipment required by the Government. Material and equipment proposed by the Contractor that accomplishes repair jobs is subject to approval by the Contracting Officer or his/her designated representative. No work under this bid item shall be performed until proper authorization from the Government has been received.

1.90 Unit price for ELINS A090, B090, C090, D090, & E090 shall be the premium to perform **Work Outside Normal Working Hours**. A task order may require that all or some tasks be performed outside of normal working hours. The task order request for proposal will specify which work, if any, shall be performed outside of normal working hours. The contractor shall provide a percentage markup that will be added to each ELIN when work performance is required outside of normal working hours. The term "outside of normal working hours" means Saturday, Sunday, Holiday, or after hours call back work that is required by the government. Any non-holiday Friday is considered a normal work day, regardless of the contractor's work schedule.

- a. Only those tasks or portions of the task that are actually performed and completed outside of normal working hours shall qualify for the premium
- b. This requirement does not relieve the Contractor of any Fair Labor Standards Act or negotiated wage contract requirement. Also, this is not construed to represent an overtime requirement.

1.91 Unit prices for ELINS A091, B091, C091, D091, & E091 shall be for **Bond Cost** for Payment and Performance Bonds. Both performance and payment bonds will be required for each task order regardless of the total task order price. Bond Cost shall be the premium (percentage cost) to provide both payment and performance bonds on each task order. This bond premium will be used to calculate the bond cost on each task order. The bond cost for each task order will be computed by multiplying the bond premium times the total of the applicable exhibit lines items 001 through 090. The bond cost will then be added to the applicable exhibit line item total to obtain the final task order amount.

(End of Summary of Changes)

**Solicitation
#N40085-16-R-2803**

**Exhibit A (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, Indiana**

BASE PERIOD

SOLICITATION #N40085-16-R-2803, ROOF REPAIRS AND REPLACEMENT AT THE NAVAL SUPPORT ACTIVITY CRANE, INDIANA & GLENDORA TEST FACILITY SULLIVAN, INDIANA

EXHIBIT LINE ITEM NUMBER	LINE ITEM DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	BASE YEAR
					EXTENDED AMOUNT
A001	Install Elastomeric Sheet Roof System (E.P.D.M.) - <u>White</u> 0.090 Thick Totally Adhered System (See Paragraph 1.1)	100	SQ	\$ -	\$ -
A002	Install Polyvinyl Chloride (PVC) - 0.080 Mechanically Attached Roof System (See Paragraph 1.2)	600	SQ	\$ -	\$ -
A003	Install Polyvinyl Chloride (PVC) 0.080 Fully Adhered Roof System (See Paragraph 1.3)	600	SQ	\$ -	\$ -
A004	Install Metal Sheet Roof Standard 26 ga Interlocking Ribs (See Paragraph 1.4)	25,000	SF	\$ -	\$ -
A005	Install Standing Seam, Steel Roof Panels 24 gauge, a 1-3/4" minimum Standing Seam. (See Paragraph 1.5)	500	SF	\$ -	\$ -
A006	Install 4.2" corrugated metal roof Roof panels shall be 24 ga.(See Paragraph 1.6)	1,000	SF	\$ -	\$ -
A007	B type metal decking. (See Paragraph 1.7)	1,000	SF	\$ -	\$ -
A008	Install Insulation Core metal Roof Panels (See Paragraph 1.8)	12,000	SF	\$ -	\$ -
A009	Install class "A" Mineral granule-surfaced asphalt shingles 290 lb. per Square (See Paragraph 1.9)	100	SQ	\$ -	\$ -
A010	Install 30 lb. Felt (See Paragraph 1.10)	100	SQ	\$ -	\$ -
A011	Install 1/2" fiberglass mat faced gypsum cover board (See Paragraph 1.11)	30,000	SF	\$ -	\$ -
A012	Aluminum foil faced closed cell Polyethylene foam insulation moisture barrier 1/2" thick - use under metal roof(See Paragraph 1.12)	20,000	SF	\$ -	\$ -
A013	Install Rigid Polyisocyanurate Insulation 1 1/2" Thick with Min. "R" Factor of 9.0 <u>Mechanically Attached</u> (See Paragraph 1.13)	10,000	SF	\$ -	\$ -
A014	Install Rigid Polyisocyanurate Insulation 1 1/2" Thick with Min. "R" Factor of 9.0 <u>Fully Adhered</u> (See Paragraph 1.14)	20,000	SF	\$ -	\$ -
A015	Install Rigid Polyisocyanurate Insulation 2" Thick : Mechanically Attached with Min. "R" Factor of 12.0 <u>Mechanically Attached</u> (See Paragraph 1.15)	200,000	SF	\$ -	\$ -
A016	Install Rigid Polyisocyanurate Insulation 2" Thick : Fully Adhered with Min. "R" Factor of 12.0 <u>Fully Adhered</u> (See Paragraph 1.16)	100,000	SF	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit A (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, Indiana**

BASE PERIOD

SOLICITATION #N40085-16-R-2803, ROOF REPAIRS AND REPLACEMENT AT THE NAVAL SUPPORT ACTIVITY CRANE, INDIANA & GLENDORA TEST FACILITY SULLIVAN, INDIANA

EXHIBIT LINE ITEM NUMBER	LINE ITEM DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	BASE YEAR
					EXTENDED AMOUNT
A017	Install Rigid Polyisocyanurate Insulation - tapered min 1/4" per ft. <i>(See Paragraph 1.17)</i>	2,000	BF	\$ -	\$ -
A018	Install Flashing EPDM 0.060 inch Thick <i>(See Paragraph 1.18)</i>	1,000	SF	\$ -	\$ -
A019	Install Flashing PVC 0.060 inch Thick <i>(See Paragraph 1.19)</i>	2,000	SF	\$ -	\$ -
A020	Walk Pad PVC .090 inch thick & 30 inch wide <i>(See Paragraph 1.20)</i>	500	LF	\$ -	\$ -
A021	Install Vent Stack Flashing <i>(See Paragraph 1.21)</i>	100	EA	\$ -	\$ -
A022	Install Counter Flashing (.032 Thk. Alum.) <i>(See Paragraph 1.22)</i>	500	SF	\$ -	\$ -
A023	Install 6" Alum Gravel Stops with Drip Edges <i>(See Paragraph 1.23)</i>	2,000	LF	\$ -	\$ -
A024	Install 10" Alum Gravel Stops with Drip Edges <i>(See Paragraph 1.24)</i>	500	LF	\$ -	\$ -
A025	Install new 6" seamless gutters with all accessories <i>(See Paragraph 1.25)</i>	2,000	LF	\$ -	\$ -
A026	Install 6" box Gutters Complete with Accessories <i>(See Paragraph 1.26)</i>	200	LF	\$ -	\$ -
A027	Install 8" box gutter – galvanized steel w/Kynar finish with Accessories 22 ga. Galvanized <i>(See Paragraph 1.27)</i>	500	LF	\$ -	\$ -
A028	Install Downspouts Complete w/Accessories (.032 Aluminum) 3" x 4" Rectangular <i>(See Paragraph 1.28)</i>	1,500	LF	\$ -	\$ -
A029	Install Downspouts Complete w/Accessories (.032 Aluminum) 3" Round <i>(See Paragraph 1.29)</i>	100	LF	\$ -	\$ -
A030	Install Downspouts Complete w/Accessories (.032 Aluminum) 4" Round <i>(See Paragraph 1.30)</i>	100	LF	\$ -	\$ -
A031	Install 6 inch square downspouts <i>(See Paragraph 1.31)</i>	400	LF	\$ -	\$ -
A032	Install Starter Strip for Eaves and Edges 9" wide strip of mineral-surfaced roll roofing <i>(See Paragraph 1.32)</i>	500	LF	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit A (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, Indiana**

BASE PERIOD

SOLICITATION #N40085-16-R-2803, ROOF REPAIRS AND REPLACEMENT AT THE NAVAL SUPPORT ACTIVITY CRANE, INDIANA & GLENDORA TEST FACILITY SULLIVAN, INDIANA

EXHIBIT LINE ITEM NUMBER	LINE ITEM DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	BASE YEAR
					EXTENDED AMOUNT
A033	Install Pressure -Treated Wood Fascia, nailers or purlins 2"x4" <i>(See Paragraph 1.33)</i>	3,000	LF	\$ -	\$ -
A034	Install Pressure -Treated Wood Fascia, nailers or purlins 2"x6" <i>(See Paragraph 1.34)</i>	3,000	LF	\$ -	\$ -
A035	Install Pressure -Treated Wood Fascia, nailers or purlins 2"x10" <i>(See Paragraph 1.35)</i>	3,000	LF	\$ -	\$ -
A036	Install Decking, 3/4" CDX Plywood <i>(See Paragraph 1.36)</i>	200	SF	\$ -	\$ -
A037	Install Decking New 1/2" CDX Plywood <i>(See Paragraph 1.37)</i>	500	SF	\$ -	\$ -
A038	Install "Z" or "C" purlins 4" <i>(See Paragraph 1.38)</i>	500	LF	\$ -	\$ -
A039	Install "Z" or "C" purlins 8" <i>(See Paragraph 1.39)</i>	500	LF	\$ -	\$ -
A040	Installation of metal drip edge for shingle roofing <i>(See Paragraph 1.40)</i>	400	LF	\$ -	\$ -
A041	Install Metal Termination Bar <i>(See Paragraph 1.41)</i>	2,000	LF	\$ -	\$ -
A042	Install Roofing Scupper <i>(See Paragraph 1.42)</i>	30	EA	\$ -	\$ -
A043	Install Pitch Pocket within Roof <i>(See Paragraph 1.43)</i>	20	EA	\$ -	\$ -
A044	Install 6" Aluminum Fascia <i>(See Paragraph 1.44)</i>	2800	LF	\$ -	\$ -
A045	Install 12" Aluminum Fascia <i>(See Paragraph 1.45)</i>	2800	LF	\$ -	\$ -
A046	Install Turbine Vent up to 10" dia <i>(See Paragraph 1.46)</i>	10	EA	\$ -	\$ -
A047	Install Turbine Vent - 11" up to 26" dia. <i>(See Paragraph 1.47)</i>	15	EA	\$ -	\$ -
A048	Install Ridge Vent for shingle or metal roof <i>(See Paragraph 1.48)</i>	1000	LF	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit A (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, Indiana**

BASE PERIOD

SOLICITATION #N40085-16-R-2803, ROOF REPAIRS AND REPLACEMENT AT THE NAVAL SUPPORT ACTIVITY CRANE, INDIANA & GLENDORA TEST FACILITY SULLIVAN, INDIANA

EXHIBIT LINE ITEM NUMBER	LINE ITEM DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	BASE YEAR
					EXTENDED AMOUNT
A049	Fluid applied roofing. This shall be 5 layers <i>(See Paragraph 1.49)</i>	1,000	SF	\$ -	\$ -
A050	Infrared Roof Moisture Surveys the minimum area ordered per task order will be 1000 SF <i>(See Paragraph 1.50)</i>	1000	SF	\$ -	\$ -
A051	Wall cap <i>(See Paragraph 1.51)</i>	3,000	LF	\$ -	\$ -
A052	Expansion joint <i>(See Paragraph 1.52)</i>	3,000	LF	\$ -	\$ -
A053	Conductor head - 22 ga. galvanized steel w/Kynar finish <i>(See Paragraph 1.53)</i>	30	EA	\$ -	\$ -
A054	Install 3"x5" Snow Blocks (More than 100) <i>(See Paragraph 1.54)</i>	1500	EA	\$ -	\$ -
A055	Install Bar type snow guards for R type and corrugated roof panels <i>(See Paragraph 1.55)</i>	400	LF	\$ -	\$ -
A056	Install Bar type snow guards for standing seam roof panels <i>(See Paragraph 1.56)</i>	200	LF	\$ -	\$ -
A057	Repair Joints and Holes in Metal roofs <i>(See Paragraph 1.57)</i>	500	SF	\$ -	\$ -
A058	Apply Aluminum Fiber or Black Asphalt Fiber Roof Coating <i>(See Paragraph 1.58)</i>	500	SF	\$ -	\$ -
A059	EXTERIOR INSULATION AND FINISH SYSTEMS - EIFS <i>(See Paragraph 1.59)</i>	3,000	SF	\$ -	\$ -
A060	Install soffits on the underside of eaves <i>(See Paragraph 1.60)</i>	500	LF	\$ -	\$ -
A061	Remove Existing Roofing Elastomeric Sheet (E.P.D.M.) <i>(See Paragraph 1.61)</i>	50,000	SF	\$ -	\$ -
A062	Remove single ply Polyvinyl Chloride (PVC) membrane <i>(See Paragraph 1.62)</i>	3,000	SF	\$ -	\$ -
A063	Remove Modified bituminous roof membrane up to 5-Ply <i>(See Paragraph 1.63)</i>	10,000	SF	\$ -	\$ -
A064	Remove Build up roofing including aggregate up to 5-Ply <i>(See Paragraph 1.64)</i>	1,000	SF	\$ -	\$ -
A065	Remove Existing Asphalt/Fiberglass Shingles	10,000	SF	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit A (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, Indiana**

BASE PERIOD

SOLICITATION #N40085-16-R-2803, ROOF REPAIRS AND REPLACEMENT AT THE NAVAL SUPPORT ACTIVITY CRANE, INDIANA & GLENDORA TEST FACILITY SULLIVAN, INDIANA

EXHIBIT LINE ITEM NUMBER	LINE ITEM DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	BASE YEAR
					EXTENDED AMOUNT
	(See Paragraph 1.65)				
A066	Remove Rigid Insulation (See Paragraph 1.66)	250,000	SF	\$ -	\$ -
A067	Remove stone ballast only (See Paragraph 1.67)	5,000	SF	\$ -	\$ -
A068	Remove CDX Plywood Decking (See Paragraph 1.68)	10,000	SF	\$ -	\$ -
A069	Remove Metal Roof System (See Paragraph 1.69)	1,000	SF	\$ -	\$ -
A070	Remove Flashing (See Paragraph 1.70)	5,000	SF	\$ -	\$ -
A071	Remove Vent Stack Flashing (See Paragraph 1.71)	200	EA	\$ -	\$ -
A072	Remove Counter Flashing and Misc. Accessories (See Paragraph 1.72)	1,000	SF	\$ -	\$ -
A073	Remove Gravel Stop and Drip Edges (See Paragraph 1.73)	4,200	LF	\$ -	\$ -
A074	Remove Guttering (See Paragraph 1.74)	5,000	LF	\$ -	\$ -
A075	Remove Downspouts (See Paragraph 1.75)	1000	LF	\$ -	\$ -
A076	Remove Pressure - Treated Wood Nailers, Crickets Saddles and Fascia Boards (See Paragraph 1.76)	5,000	LF	\$ -	\$ -
A077	Remove 2"X4" wood purlins attached on top of transite roof panels (See Paragraph 1.77)	6000	LF	\$ -	\$ -
A078	Removal of gypsum board under roofing systems. (See Paragraph 1.78)	2,000	SF	\$ -	\$ -
A079	Remove Transite (Asbestos) Roof or ceiling Panels (See Paragraph 1.79)	20,200	SF	\$ -	\$ -
A080	Removal of Asbestos Containing Roof Material (See Paragraph 1.80)	5,000	SF	\$ -	\$ -
A081	Removal of asbestos contaminated insulation below transite roof panel (See Paragraph 1.81)	10,000	SF	\$ -	\$ -
A082	Private Qualified Person (PQP) (See Paragraph 1.82)	20	DAY	\$ -	\$ -
A083	Asbestos Hazard Abatement Plan (See Paragraph 1.83)	4	EA	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit A (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, Indiana**

BASE PERIOD

SOLICITATION #N40085-16-R-2803, ROOF REPAIRS AND REPLACEMENT AT THE NAVAL SUPPORT ACTIVITY CRANE, INDIANA & GLENDORA TEST FACILITY SULLIVAN, INDIANA

EXHIBIT LINE ITEM NUMBER	LINE ITEM DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	BASE YEAR
					EXTENDED AMOUNT
A084	Locate & Identify Roof Leak (See Paragraph 1.84)	130	EA	\$ -	\$ -
A085	Respond to Emergency Service Calls (See Paragraph 1.85)	10	EA	\$ -	\$ -
A086	Clean gutters (See Paragraph 1.86)	16,500	LF	\$ -	\$ -
A087	Community Infestation Control in Conjunction inert Roof Repair/Replacement (See Paragraph 1.87)	20,000	SF	\$ -	\$ -
A088	Labor for Installation of Material in Conjunction with Roof Repair/Replacement (See Paragraph 1.88)	750	LH	\$ -	\$ -
A089	Material and Equipment in Conjunction with Roof Repairs/Replacement (See Paragraph 1.89) For proposal purposes only, assume the amount of material and equipment is \$20,000.00 To calculate the amount for ELIN A089 multiply \$20,000.00 by the percent mark-up + 100% For example if the fixed burden rate is 10% then \$20,000.00 x 1.10 = \$22,000.00 which is entered in ELIN A089	20000	%	0.0%	\$ 20,000.00
A090	Work Outside Normal Working Hours (See paragraph 1.90) For proposal purposes only, assume the total of all applicable ELINS A001 to A089 to be performed outside of normal working hours is \$5,000.00 To calculate the amount for ELIN A090 multiply \$5,000.00 by the percent mark-up + 100% For example if the percent mark up is 10% then \$5,000.00 x 1.10 = \$5,500.00 which is entered in ELIN A090 Thus, the Work Outside Normal Working Hours premium is an additional charge of \$500.00 for those tasks on a particular task order that will be performed outside of normal working hours	5000	%	0.0%	\$ 5,000.00
A091	Bond Cost for Payment and Performance Bonds (See Paragraph 1.91) To calculate the amount for ELIN A091 multiply the subtotal of ELINS A001 - A090 by the bond premium.	\$ 25,000.00	%	0.0%	\$ -
ESTIMATED TOTAL PRICE:					\$ 25,000.00
BASE YEAR (Line Items A001 -- A091) (CLIN 0001)					

**Solicitation
#N40085-16-R-2803**

**Exhibit B (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 1

SOLICITATION #N40085-16-R-2803, ROOF REPAIRS AND REPLACEMENT AT THE NAVAL SUPPORT ACTIVITY CRANE, INDIANA & GLENDORA TEST FACILITY SULLIVAN, INDIANA

EXHIBIT LINE ITEM NUMBER	LINE ITEM DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	OPTION PERIOD #1
					EXTENDED AMOUNT
B001	Install Elastomeric Sheet Roof System (E.P.D.M.) - <u>White</u> 0.090 Thick Totally Adhered System (See Paragraph 1.1)	100	SQ	\$ -	\$ -
B002	Install Polyvinyl Chloride (PVC) - 0.080 Mechanically Attached Roof System (See Paragraph 1.2)	600	SQ	\$ -	\$ -
B003	Install Polyvinyl Chloride (PVC) 0.080 Fully Adhered Roof System (See Paragraph 1.3)	600	SQ	\$ -	\$ -
B004	Install Metal Sheet Roof Standard 26 ga Interlocking Ribs (See Paragraph 1.4)	25,000	SF	\$ -	\$ -
B005	Install Standing Seam, Steel Roof Panels 24 gauge. (See Paragraph 1.5)	500	SF	\$ -	\$ -
B006	Install 4.2" corrugated metal roof Roof panels shall be 24 ga.(See Paragraph 1.6)	1,000	SF	\$ -	\$ -
B007	B type metal decking. (See Paragraph 1.7)	1,000	SF	\$ -	\$ -
B008	Install Insulation Core metal Roof Panels (See Paragraph 1.8)	12,000	SF	\$ -	\$ -
B009	Install class "A" Mineral granule-surfaced asphalt shingles 290 lb. per Square (See Paragraph 1.9)	100	SQ	\$ -	\$ -
B010	Install 30 lb. Felt (See Paragraph 1.10)	100	SQ	\$ -	\$ -
B011	Install ½" fiberglass mat faced gypsum cover board (See Paragraph 1.11)	30,000	SF	\$ -	\$ -
B012	Aluminum foil faced closed cell Polyethylene foam insulation moisture barrier 1/2" thick - use under metal roof(See Paragraph 1.12)	20,000	SF	\$ -	\$ -
B013	Install Rigid Polyisocyanurate Insulation 1½" Thick with Min. "R" Factor of 9.0 <u>Mechanically Attached</u> (See Paragraph 1.13)	10,000	SF	\$ -	\$ -
B014	Install Rigid Polyisocyanurate Insulation 1½" Thick with Min. "R" Factor of 9.0 <u>Fully Adhered</u> (See Paragraph 1.14)	20,000	SF	\$ -	\$ -
B015	Install Rigid Polyisocyanurate Insulation 2" Thick : Mechanically Attached with Min. "R" Factor of 12.0 <u>Mechanically Attached</u> (See Paragraph 1.15)	200,000	SF	\$ -	\$ -
B016	Install Rigid Polyisocyanurate Insulation 2" Thick : Fully Adhered with Min. "R" Factor of 12.0 <u>Fully Adhered</u> (See Paragraph 1.16)	100,000	SF	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit B (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 1

B017	Install Rigid Polyisocyanurate Insulation - tapered min 1/4" per ft. (See Paragraph 1.17)	2,000	BF	\$ -	\$ -
B018	Install Flashing EPDM 0.060 inch Thick (See Paragraph 1.18)	1,000	SF	\$ -	\$ -
B019	Install Flashing PVC 0.060 inch Thick (See Paragraph 1.19)	2,000	SF	\$ -	\$ -
B020	Walk Pad PVC .090 inch thick & 30 inch wide (See Paragraph 1.20)	500	LF	\$ -	\$ -
B021	Install Vent Stack Flashing (See Paragraph 1.21)	100	EA	\$ -	\$ -
B022	Install Counter Flashing (.032 Thk. Alum.) (See Paragraph 1.22)	500	SF	\$ -	\$ -
B023	Install 6" Alum Gravel Stops with Drip Edges (See Paragraph 1.23)	2,000	LF	\$ -	\$ -
B024	Install 10" Alum Gravel Stops with Drip Edges (See Paragraph 1.24)	600	LF	\$ -	\$ -
B025	Install new 6" seamless gutters with all accessories (See Paragraph 1.25)	2,000	LF	\$ -	\$ -
B026	Install 6" box Gutters Complete with Accessories (See Paragraph 1.26)	200	LF	\$ -	\$ -
B027	Install 8" box gutter – galvanized steel w/Kynar finish with Accessories 22 ga. Galvanized (See Paragraph 1.27)	500	LF	\$ -	\$ -
B028	Install Downspouts Complete w/Accessories (.032 Aluminum) 3" x 4" Rectangular (See Paragraph 1.28)	1,500	LF	\$ -	\$ -
B029	Install Downspouts Complete w/Accessories (.032 Aluminum) 3" Round (See Paragraph 1.29)	250	LF	\$ -	\$ -
B030	Install Downspouts Complete w/Accessories (.032 Aluminum) 4" Round (See Paragraph 1.30)	100	LF	\$ -	\$ -
B031	Install 6 inch square downspouts (See Paragraph 1.31)	400	LF	\$ -	\$ -
B032	Install Starter Strip for Eaves and Edges 9" wide strip of mineral-surfaced roll roofing (See Paragraph 1.32)	500	LF	\$ -	\$ -
B033	Install Pressure -Treated Wood Fascia, nailers or purlins 2"x4" (See Paragraph 1.33)	3,000	LF	\$ -	\$ -
B034	Install Pressure -Treated Wood Fascia, nailers or purlins 2"x6" (See Paragraph 1.34)	3,000	LF	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit B (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 1

B035	Install Pressure -Treated Wood Fascia, nailers or purlins 2"x10" <i>(See Paragraph 1.35)</i>	3,000	LF	\$ -	\$ -
B036	Install Decking, 3/4" CDX Plywood <i>(See Paragraph 1.36)</i>	200	SF	\$ -	\$ -
B037	Install Decking New 1/2" CDX Plywood <i>(See Paragraph 1.37)</i>	500	SF	\$ -	\$ -
B038	Install "Z" or "C" purlins 4" <i>(See Paragraph 1.38)</i>	500	LF	\$ -	\$ -
B039	Install "Z" or "C" purlins 8" <i>(See Paragraph 1.39)</i>	500	LF	\$ -	\$ -
B040	Installation of metal drip edge for shingle roofing <i>(See Paragraph 1.40)</i>	400	LF	\$ -	\$ -
B041	Install Metal Termination Bar <i>(See Paragraph 1.41)</i>	500	LF	\$ -	\$ -
B042	Install Roofing Scupper <i>(See Paragraph 1.42)</i>	15	EA	\$ -	\$ -
B043	Install Pitch Pocket within Roof <i>(See Paragraph 1.43)</i>	20	EA	\$ -	\$ -
B044	Install 6" Aluminum Fascia <i>(See Paragraph 1.44)</i>	2800	LF	\$ -	\$ -
B045	Install 12" Aluminum Fascia <i>(See Paragraph 1.45)</i>	2800	LF	\$ -	\$ -
B046	Install Turbine Vent up to 10" dia <i>(See Paragraph 1.46)</i>	10	EA	\$ -	\$ -
B047	Install Turbine Vent - 11" up to 26" dia. <i>(See Paragraph 1.47)</i>	10	EA	\$ -	\$ -
B048	Install Ridge Vent for shingle or metal roof <i>(See Paragraph 1.48)</i>	1000	LF	\$ -	\$ -
B049	Fluid applied roofing. This shall be 5 layers <i>(See Paragraph 1.49)</i>	1,000	SF	\$ -	\$ -
B050	Infrared Roof Moisture Surveys the minimum area ordered per task order will be 1000 SF <i>(See Paragraph 1.50)</i>	1000	SF	\$ -	\$ -
B051	Wall cap <i>(See Paragraph 1.51)</i>	3,000	lf	\$ -	\$ -
B052	Expansion joint <i>(See Paragraph 1.52)</i>	3,000	LF	\$ -	\$ -
B053	Conductor head - 22 ga. galvanized steel w/Kynar finish	30	EA	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit B (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 1

(See Paragraph 1.53)

B054	Install 3"x5" Snow Blocks (More than 100) <i>(See Paragraph 1.54)</i>	1500	EA	\$ -	\$ -
B055	Install Bar type snow guards for R type and corrugated roof panels <i>(See Paragraph 1.55)</i>	400	LF	\$ -	\$ -
B056	Install Bar type snow guards for standing seam roof panels <i>(See Paragraph 1.56)</i>	200	LF	\$ -	\$ -
B057	Repair Joints and Holes in Metal roofs <i>(See Paragraph 1.57)</i>	500	SF	\$ -	\$ -
B058	Apply Aluminum Fiber or Black Asphalt Fiber Roof Coating <i>(See Paragraph 1.58)</i>	500	SF	\$ -	\$ -
B059	EXTERIOR INSULATION AND FINISH SYSTEMS - EIFS <i>(See Paragraph 1.59)</i>	1,000	SF	\$ -	\$ -
B060	Install soffits on the underside of eaves <i>(See Paragraph 1.60)</i>	500	LF	\$ -	\$ -
B061	Remove Existing Roofing Elastomeric Sheet (E.P.D.M.) <i>(See Paragraph 1.61)</i>	50,000	SF	\$ -	\$ -
B062	Remove single ply Polyvinyl Chloride (PVC) membrane <i>(See Paragraph 1.62)</i>	3,000	SF	\$ -	\$ -
B063	Remove Modified bituminous roof membrane up to 5-Ply <i>(See Paragraph 1.63)</i>	10,000	SF	\$ -	\$ -
B064	Remove Build up roofing including aggregate up to 5-Ply <i>(See Paragraph 1.64)</i>	1,000	SF	\$ -	\$ -
B065	Remove Existing Asphalt/Fiberglass Shingles <i>(See Paragraph 1.65)</i>	10,000	SF	\$ -	\$ -
B066	Remove Rigid Insulation <i>(See Paragraph 1.66)</i>	250,000	SF	\$ -	\$ -
B067	Remove stone ballast only <i>(See Paragraph 1.67)</i>	10,000	SF	\$ -	\$ -
B068	Remove CDX Plywood Decking <i>(See Paragraph 1.68)</i>	10,000	SF	\$ -	\$ -
B069	Remove Metal Roof System <i>(See Paragraph 1.69)</i>	1,000	SF	\$ -	\$ -
B070	Remove Flashing <i>(See Paragraph 1.70)</i>	5,000	SF	\$ -	\$ -
B071	Remove Vent Stack Flashing <i>(See Paragraph 1.71)</i>	200	EA	\$ -	\$ -
B072	Remove Counter Flashing and Misc. Accessories	1,000	SF	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit B (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 1

(See Paragraph 1.72)

B073	Remove Gravel Stop and Drip Edges (See Paragraph 1.73)	4,200	LF	\$ -	\$ -
B074	Remove Guttering (See Paragraph 1.74)	5,000	LF	\$ -	\$ -
B075	Remove Downspouts (See Paragraph 1.75)	1000	LF	\$ -	\$ -
B076	Remove Pressure - Treated Wood Nailers, Crickets Saddles and Fascia Boards (See Paragraph 1.76)	5,000	LF	\$ -	\$ -
B077	Remove 2"x4" wood purlins attached on top of transite roof panels (See Paragraph 1.77)	6000	LF	\$ -	\$ -
B078	Removal of gypsum board under roofing systems. (See Paragraph 1.78)	2,000	SF	\$ -	\$ -
B079	Remove Transite (Asbestos) Roof or ceiling Panels (See Paragraph 1.79)	20,200	SF	\$ -	\$ -
B080	Removal of Asbestos Containing Roof Material (See Paragraph 1.80)	5,000	SF	\$ -	\$ -
B081	Removal of asbestos contaminated insulation below transite roof panel (See Paragraph 1.81)	10,000	SF	\$ -	\$ -
B082	Private Qualified Person (PQP) (See Paragraph 1.82)	20	DAY	\$ -	\$ -
B083	Asbestos Hazard Abatement Plan (See Paragraph 1.83)	4	EA	\$ -	\$ -
B084	Locate & Identify Roof Leak (See Paragraph 1.84)	125	EA	\$ -	\$ -
B085	Respond to Emergency Service Calls (See Paragraph 1.85)	5	EA	\$ -	\$ -
B086	Clean gutters (See Paragraph 1.86)	16,500	LF	\$ -	\$ -
B087	Community Infestation Control in Conjunction inert Roof Repair/Replacement (See Paragraph 1.87)	20,000	SF	\$ -	\$ -
B088	Labor for Installation of Material in Conjunction with Roof Repair/Replacement (See Paragraph 1.88)	750	LH	\$ -	\$ -
B089	Material and Equipment in Conjunction with Roof Repairs/Replacement (See Paragraph 1.89) For proposal purposes only, assume the amount of material and equipment is \$20,000.00 To calculate the amount for ELIN B089 multiply \$20,000.00 by the percent mark-up + 100% For example if the fixed burden rate is 10% then \$20,000.00 x 1.10 = \$22,000.00 which is entered in ELIN B089	20000	%	0.0%	\$ 20,000.00
B090	Work Outside Normal Working Hours (See paragraph 1.90) For proposal purposes only, assume the total of all applicable ELINS B001 to B089 to be performed outside of normal working hours is \$5,000.00 To calculate the amount for ELIN B090 multiply \$5,000.00 by the percent mark-up + 100%	5000	%	0.0%	\$ 5,000.00

**Solicitation
#N40085-16-R-2803**

**Exhibit B (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 1

For example if the percent mark up is 10% then \$5,000.00 x 1.10 = \$5,500.00 which is entered in ELIN B090
Thus, the Work Outside Normal Working Hours premium is an additional charge of \$500.00 for those tasks on a particular task order that will be performed outside of normal working hours

B091	Bond Cost for Payment and Performance Bonds (See Paragraph 1.91) To calculate the amount for ELIN B091 multiply the subtotal of ELINS B001 - B090 by the bond premium.	\$ 25,000.00	%	<u>0.0%</u>	\$ _____ -
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ESTIMATED TOTAL PRICE: \$ 25,000.00
OPTION PERIOD #1
(Line Items B001 -- B091)
(CLIN 0001)

**Solicitation
#N40085-16-R-2803**

**Exhibit C (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 2

SOLICITATION #N40085-16-R-2803, ROOF REPAIRS AND REPLACEMENT AT THE NAVAL SUPPORT ACTIVITY CRANE, INDIANA & GLENDORA TEST FACILITY SULLIVAN, INDIANA

OPTION PERIOD #2

EXHIBIT LINE ITEM NUMBER	LINE ITEM DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	EXTENDED AMOUNT
C001	Install Elastomeric Sheet Roof System (E.P.D.M.) - <u>White</u> 0.090 Thick Totally Adhered System (See Paragraph 1.1)	100	SQ	\$ -	\$ -
C002	Install Polyvinyl Chloride (PVC) - 0.080 Mechanically Attached Roof System (See Paragraph 1.2)	600	SQ	\$ -	\$ -
C003	Install Polyvinyl Chloride (PVC) 0.080 Fully Adhered Roof System (See Paragraph 1.3)	600	SQ	\$ -	\$ -
C004	Install Metal Sheet Roof Standard 26 ga Interlocking Ribs (See Paragraph 1.4)	25,000	SF	\$ -	\$ -
C005	Install Standing Seam, Steel Roof Panels 24 gauge. (See Paragraph 1.5)	500	SF	\$ -	\$ -
C006	Install 4.2" corrugated metal roof Roof panels shall be 24 ga.(See Paragraph 1.6)	1,000	SF	\$ -	\$ -
C007	B type metal decking. (See Paragraph 1.7)	1,000	SF	\$ -	\$ -
C008	Install Insulation Core metal Roof Panels (See Paragraph 1.8)	12,000	SF	\$ -	\$ -
C009	Install class "A" Mineral granule-surfaced asphalt shingles 290 lb. per Square (See Paragraph 1.9)	100	SQ	\$ -	\$ -
C010	Install 30 lb. Felt (See Paragraph 1.10)	100	SQ	\$ -	\$ -
C011	Install ½" fiberglass mat faced gypsum cover board (See Paragraph 1.11)	30,000	SF	\$ -	\$ -
C012	Aluminum foil faced closed cell Polyethylene foam insulation moisture barrier 1/2" thick - use under metal roof(See Paragraph 1.12)	20,000	SF	\$ -	\$ -
C013	Install Rigid Polyisocyanurate Insulation 1½" Thick with Min. "R" Factor of 9.0 <u>Mechanically Attached</u> (See Paragraph 1.13)	10,000	SF	\$ -	\$ -
C014	Install Rigid Polyisocyanurate Insulation 1½" Thick with Min. "R" Factor of 9.0 <u>Fully Adhered</u> (See Paragraph 1.14)	20,000	SF	\$ -	\$ -
C015	Install Rigid Polyisocyanurate Insulation 2" Thick : Mechanically Attached with Min. "R" Factor of 12.0 <u>Mechanically Attached</u> (See Paragraph 1.15)	200,000	SF	\$ -	\$ -
C016	Install Rigid Polyisocyanurate Insulation 2" Thick : Fully Adhered with Min. "R" Factor of 12.0 <u>Fully Adhered</u> (See Paragraph 1.16)	100,000	SF	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit C (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 2

C017	Install Rigid Polyisocyanurate Insulation - tapered min 1/4" per ft. (See Paragraph 1.17)	2,000	BF	\$ -	\$ -
C018	Install Flashing EPDM 0.060 inch Thick (See Paragraph 1.18)	1,000	SF	\$ -	\$ -
C019	Install Flashing PVC 0.060 inch Thick (See Paragraph 1.19)	2,000	SF	\$ -	\$ -
C020	Walk Pad PVC .090 inch thick & 30 inch wide (See Paragraph 1.20)	500	LF	\$ -	\$ -
C021	Install Vent Stack Flashing (See Paragraph 1.21)	100	EA	\$ -	\$ -
C022	Install Counter Flashing (.032 Thk. Alum.) (See Paragraph 1.22)	500	SF	\$ -	\$ -
C023	Install 6" Alum Gravel Stops with Drip Edges (See Paragraph 1.23)	2,000	LF	\$ -	\$ -
C024	Install 10" Alum Gravel Stops with Drip Edges (See Paragraph 1.24)	600	LF	\$ -	\$ -
C025	Install new 6" seamless gutters with all accessories (See Paragraph 1.25)	2,000	LF	\$ -	\$ -
C026	Install 6" box Gutters Complete with Accessories (See Paragraph 1.26)	200	LF	\$ -	\$ -
C027	Install 8" box gutter – galvanized steel w/Kynar finish with Accessories 22 ga. Galvanized (See Paragraph 1.27)	500	LF	\$ -	\$ -
C028	Install Downspouts Complete w/Accessories (.032 Aluminum) 3" x 4" Rectangular (See Paragraph 1.28)	1,500	LF	\$ -	\$ -
C029	Install Downspouts Complete w/Accessories (.032 Aluminum) 3" Round (See Paragraph 1.29)	250	LF	\$ -	\$ -
C030	Install Downspouts Complete w/Accessories (.032 Aluminum) 4" Round (See Paragraph 1.30)	100	LF	\$ -	\$ -
C031	Install 6 inch square downspouts (See Paragraph 1.31)	400	LF	\$ -	\$ -
C032	Install Starter Strip for Eaves and Edges 9" wide strip of mineral-surfaced roll roofing (See Paragraph 1.32)	500	LF	\$ -	\$ -
C033	Install Pressure -Treated Wood Fascia, nailers or purlins 2"x4" (See Paragraph 1.33)	3,000	LF	\$ -	\$ -
C034	Install Pressure -Treated Wood Fascia, nailers or purlins 2"x6" (See Paragraph 1.34)	3,000	LF	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit C (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 2

C035	Install Pressure -Treated Wood Fascia, nailers or purlins 2"x10" <i>(See Paragraph 1.35)</i>	3,000	LF	\$ -	\$ -
C036	Install Decking, 3/4" CDX Plywood <i>(See Paragraph 1.36)</i>	200	SF	\$ -	\$ -
C037	Install Decking New 1/2" CDX Plywood <i>(See Paragraph 1.37)</i>	500	SF	\$ -	\$ -
C038	Install "Z" or "C" purlins 4" <i>(See Paragraph 1.38)</i>	500	LF	\$ -	\$ -
C039	Install "Z" or "C" purlins 8" <i>(See Paragraph 1.39)</i>	500	LF	\$ -	\$ -
C040	Installation of metal drip edge for shingle roofing <i>(See Paragraph 1.40)</i>	400	LF	\$ -	\$ -
C041	Install Metal Termination Bar <i>(See Paragraph 1.41)</i>	500	LF	\$ -	\$ -
C042	Install Roofing Scupper <i>(See Paragraph 1.42)</i>	15	EA	\$ -	\$ -
C043	Install Pitch Pocket within Roof <i>(See Paragraph 1.43)</i>	20	EA	\$ -	\$ -
C044	Install 6" Aluminum Fascia <i>(See Paragraph 1.44)</i>	2800	LF	\$ -	\$ -
C045	Install 12" Aluminum Fascia <i>(See Paragraph 1.45)</i>	2800	LF	\$ -	\$ -
C046	Install Turbine Vent up to 10" dia <i>(See Paragraph 1.46)</i>	10	EA	\$ -	\$ -
C047	Install Turbine Vent - 11" up to 26" dia. <i>(See Paragraph 1.47)</i>	10	EA	\$ -	\$ -
C048	Install Ridge Vent for shingle or metal roof <i>(See Paragraph 1.48)</i>	1000	LF	\$ -	\$ -
C049	Fluid applied roofing. This shall be 5 layers <i>(See Paragraph 1.49)</i>	1,000	SF	\$ -	\$ -
C050	Infrared Roof Moisture Surveys the minimum area ordered per task order will be 1000 SF <i>(See Paragraph 1.50)</i>	1000	SF	\$ -	\$ -
C051	Wall cap <i>(See Paragraph 1.51)</i>	3,000	LF	\$ -	\$ -
C052	Expansion joint <i>(See Paragraph 1.52)</i>	3,000	LF	\$ -	\$ -
C053	Conductor head - 22 ga. galvanized steel w/Kynar finish	30	EA	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit C (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 2

(See Paragraph 1.53)

C054	Install 3"x5" Snow Blocks (More than 100) <i>(See Paragraph 1.54)</i>	1500	EA	\$ -	\$ -
C055	Install Bar type snow guards for R type and corrugated roof panels <i>(See Paragraph 1.55)</i>	400	LF	\$ -	\$ -
C056	Install Bar type snow guards for standing seam roof panels <i>(See Paragraph 1.56)</i>	200	LF	\$ -	\$ -
C057	Repair Joints and Holes in Metal roofs <i>(See Paragraph 1.57)</i>	500	SF	\$ -	\$ -
C058	Apply Aluminum Fiber or Black Asphalt Fiber Roof Coating <i>(See Paragraph 1.58)</i>	500	SF	\$ -	\$ -
C059	EXTERIOR INSULATION AND FINISH SYSTEMS - EIFS <i>(See Paragraph 1.59)</i>	1,000	SF	\$ -	\$ -
C060	Install soffits on the underside of eaves <i>(See Paragraph 1.60)</i>	500	LF	\$ -	\$ -
C061	Remove Existing Roofing Elastomeric Sheet (E.P.D.M.) <i>(See Paragraph 1.61)</i>	50,000	SF	\$ -	\$ -
C062	Remove single ply Polyvinyl Chloride (PVC) membrane <i>(See Paragraph 1.62)</i>	3,000	SF	\$ -	\$ -
C063	Remove Modified bituminous roof membrane up to 5-Ply <i>(See Paragraph 1.63)</i>	10,000	SF	\$ -	\$ -
C064	Remove Build up roofing including aggregate up to 5-Ply <i>(See Paragraph 1.64)</i>	1,000	SF	\$ -	\$ -
C065	Remove Existing Asphalt/Fiberglass Shingles <i>(See Paragraph 1.65)</i>	10,000	SF	\$ -	\$ -
C066	Remove Rigid Insulation <i>(See Paragraph 1.66)</i>	250,000	SF	\$ -	\$ -
C067	Remove stone ballast only <i>(See Paragraph 1.67)</i>	10,000	SF	\$ -	\$ -
C068	Remove CDX Plywood Decking <i>(See Paragraph 1.68)</i>	10,000	SF	\$ -	\$ -
C069	Remove Metal Roof System <i>(See Paragraph 1.69)</i>	1,000	SF	\$ -	\$ -
C070	Remove Flashing <i>(See Paragraph 1.70)</i>	5,000	SF	\$ -	\$ -
C071	Remove Vent Stack Flashing <i>(See Paragraph 1.71)</i>	200	EA	\$ -	\$ -
C072	Remove Counter Flashing and Misc. Accessories	1,000	SF	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit C (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 2

(See Paragraph 1.72)

C073	Remove Gravel Stop and Drip Edges (See Paragraph 1.73)	4,200	LF	\$ -	\$ -
C074	Remove Guttering (See Paragraph 1.74)	5,000	LF	\$ -	\$ -
C075	Remove Downspouts (See Paragraph 1.75)	1000	LF	\$ -	\$ -
C076	Remove Pressure - Treated Wood Nailers, Crickets Saddles and Fascia Boards (See Paragraph 1.76)	5,000	LF	\$ -	\$ -
C077	Remove 2"x4" wood purlins attached on top of transite roof panels (See Paragraph 1.77)	6000	LF	\$ -	\$ -
C078	Removal of gypsum board under roofing systems. (See Paragraph 1.78)	2,000	SF	\$ -	\$ -
C079	Remove Transite (Asbestos) Roof or ceiling Panels (See Paragraph 1.79)	20,200	SF	\$ -	\$ -
C080	Removal of Asbestos Containing Roof Material (See Paragraph 1.80)	5,000	SF	\$ -	\$ -
C081	Removal of asbestos contaminated insulation below transite roof panel (See Paragraph 1.81)	10,000	SF	\$ -	\$ -
C082	Private Qualified Person (PQP) (See Paragraph 1.82)	20	DAY	\$ -	\$ -
C083	Asbestos Hazard Abatement Plan (See Paragraph 1.83)	4	EA	\$ -	\$ -
C084	Locate & Identify Roof Leak (See Paragraph 1.84)	125	EA	\$ -	\$ -
C085	Respond to Emergency Service Calls (See Paragraph 1.85)	5	EA	\$ -	\$ -
C086	Clean gutters (See Paragraph 1.86)	16,500	LF	\$ -	\$ -
C087	Community Infestation Control in Conjunction inert Roof Repair/Replacement (See Paragraph 1.87)	20,000	SF	\$ -	\$ -
C088	Labor for Installation of Material in Conjunction with Roof Repair/Replacement (See Paragraph 1.88)	750	LH	\$ -	\$ -
C089	Material and Equipment in Conjunction with Roof Repairs/Replacement (See Paragraph 1.89) For proposal purposes only, assume the amount of material and equipment is \$20,000.00 To calculate the amount for ELIN C089 multiply \$20,000.00 by the percent mark-up + 100% For example if the fixed burden rate is 10% then \$20,000.00 x 1.10 = \$22,000.00 which is entered in ELIN C089	20000	%	0.0%	\$ 20,000.00
C090	Work Outside Normal Working Hours (See paragraph 1.90) For proposal purposes only, assume the total of all applicable ELINS C001 to C089 to be performed outside of normal working hours is \$5,000.00 To calculate the amount for ELIN C090 multiply \$5,000.00 by the percent mark-up + 100%	5000	%	0.0%	\$ 5,000.00

**Solicitation
#N40085-16-R-2803**

**Exhibit C (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 2

For example if the percent mark up is 10% then \$5,000.00 x 1.10 = \$5,500.00 which is entered in ELIN C090
Thus, the Work Outside Normal Working Hours premium is an additional charge of \$500.00 for those tasks on a particular task order that will be performed outside of normal working hours

C091	Bond Cost for Payment and Performance Bonds (See Paragraph 1.91) To calculate the amount for ELIN B091 multiply the subtotal of ELINS C001 - C090 by the bond premium.	\$ 25,000.00	%	<u>0.0%</u>	\$ _____ -
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ESTIMATED TOTAL PRICE: \$ 25,000.00
OPTION PERIOD #2
(Line Items C001 -- C091)
(CLIN 0001)

**Solicitation
#N40085-16-R-2803**

**Exhibit D (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 3

SOLICITATION #N40085-16-R-2803, ROOF REPAIRS AND REPLACEMENT AT THE NAVAL SUPPORT ACTIVITY CRANE, INDIANA & GLENDORA TEST FACILITY SULLIVAN, INDIANA

OPTION PERIOD #3

EXHIBIT LINE ITEM NUMBER	LINE ITEM DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	EXTENDED AMOUNT
D001	Install Elastomeric Sheet Roof System (E.P.D.M.) - <u>White</u> 0.090 Thick Totally Adhered System (See Paragraph 1.1)	100	SQ	\$ -	\$ -
D002	Install Polyvinyl Chloride (PVC) - 0.080 Mechanically Attached Roof System (See Paragraph 1.2)	600	SQ	\$ -	\$ -
D003	Install Polyvinyl Chloride (PVC) 0.080 Fully Adhered Roof System (See Paragraph 1.3)	600	SQ	\$ -	\$ -
D004	Install Metal Sheet Roof Standard 26 ga Interlocking Ribs (See Paragraph 1.4)	25,000	SF	\$ -	\$ -
D005	Install Standing Seam, Steel Roof Panels 24 gauge. (See Paragraph 1.5)	500	SF	\$ -	\$ -
D006	Install 4.2" corrugated metal roof Roof panels shall be 24 ga.(See Paragraph 1.6)	1,000	SF	\$ -	\$ -
D007	B type metal decking. (See Paragraph 1.7)	1,000	SF	\$ -	\$ -
D008	Install Insulation Core metal Roof Panels (See Paragraph 1.8)	12,000	SF	\$ -	\$ -
D009	Install class "A" Mineral granule-surfaced asphalt shingles 290 lb. per Square (See Paragraph 1.9)	100	SQ	\$ -	\$ -
D010	Install 30 lb. Felt (See Paragraph 1.10)	100	SQ	\$ -	\$ -
D011	Install ½" fiberglass mat faced gypsum cover board (See Paragraph 1.11)	30,000	SF	\$ -	\$ -
D012	Aluminum foil faced closed cell Polyethylene foam insulation moisture barrier 1/2" thick - use under metal roof(See Paragraph 1.12)	20,000	SF	\$ -	\$ -
D013	Install Rigid Polyisocyanurate Insulation 1½" Thick with Min. "R" Factor of 9.0 <u>Mechanically Attached</u> (See Paragraph 1.13)	10,000	SF	\$ -	\$ -
D014	Install Rigid Polyisocyanurate Insulation 1½" Thick with Min. "R" Factor of 9.0 <u>Fully Adhered</u> (See Paragraph 1.14)	20,000	SF	\$ -	\$ -
D015	Install Rigid Polyisocyanurate Insulation 2" Thick : Mechanically Attached with Min. "R" Factor of 12.0 <u>Mechanically Attached</u> (See Paragraph 1.15)	200,000	SF	\$ -	\$ -
D016	Install Rigid Polyisocyanurate Insulation 2" Thick : Fully Adhered with Min. "R" Factor of 12.0 <u>Fully Adhered</u> (See Paragraph 1.16)	100,000	SF	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit D (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 3

D017	Install Rigid Polyisocyanurate Insulation - tapered min 1/4" per ft. (See Paragraph 1.17)	2,000	BF	\$ -	\$ -
D018	Install Flashing EPDM 0.060 inch Thick (See Paragraph 1.18)	1,000	SF	\$ -	\$ -
D019	Install Flashing PVC 0.060 inch Thick (See Paragraph 1.19)	2,000	SF	\$ -	\$ -
D020	Walk Pad PVC .090 inch thick & 30 inch wide (See Paragraph 1.20)	500	LF	\$ -	\$ -
D021	Install Vent Stack Flashing (See Paragraph 1.21)	100	EA	\$ -	\$ -
D022	Install Counter Flashing (.032 Thk. Alum.) (See Paragraph 1.22)	500	SF	\$ -	\$ -
D023	Install 6" Alum Gravel Stops with Drip Edges (See Paragraph 1.23)	2,000	LF	\$ -	\$ -
D024	Install 10" Alum Gravel Stops with Drip Edges (See Paragraph 1.24)	600	LF	\$ -	\$ -
D025	Install new 6" seamless gutters with all accessories (See Paragraph 1.25)	2,000	LF	\$ -	\$ -
D026	Install 6" box Gutters Complete with Accessories (See Paragraph 1.26)	200	LF	\$ -	\$ -
D027	Install 8" box gutter – galvanized steel w/Kynar finish with Accessories 22 ga. Galvanized (See Paragraph 1.27)	500	LF	\$ -	\$ -
D028	Install Downspouts Complete w/Accessories (.032 Aluminum) 3" x 4" Rectangular (See Paragraph 1.28)	1,500	LF	\$ -	\$ -
D029	Install Downspouts Complete w/Accessories (.032 Aluminum) 3" Round (See Paragraph 1.29)	250	LF	\$ -	\$ -
D030	Install Downspouts Complete w/Accessories (.032 Aluminum) 4" Round (See Paragraph 1.30)	100	LF	\$ -	\$ -
D031	Install 6 inch square downspouts (See Paragraph 1.31)	400	LF	\$ -	\$ -
D032	Install Starter Strip for Eaves and Edges 9" wide strip of mineral-surfaced roll roofing (See Paragraph 1.32)	500	LF	\$ -	\$ -
D033	Install Pressure -Treated Wood Fascia, nailers or purlins 2"x4" (See Paragraph 1.33)	3,000	LF	\$ -	\$ -
D034	Install Pressure -Treated Wood Fascia, nailers or purlins 2"x6" (See Paragraph 1.34)	3,000	LF	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit D (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 3

D035	Install Pressure -Treated Wood Fascia, nailers or purlins 2"x10" <i>(See Paragraph 1.35)</i>	3,000	LF	\$ -	\$ -
D036	Install Decking, 3/4" CDX Plywood <i>(See Paragraph 1.36)</i>	200	SF	\$ -	\$ -
D037	Install Decking New 1/2" CDX Plywood <i>(See Paragraph 1.37)</i>	500	SF	\$ -	\$ -
D038	Install "Z" or "C" purlins 4" <i>(See Paragraph 1.38)</i>	500	LF	\$ -	\$ -
D039	Install "Z" or "C" purlins 8" <i>(See Paragraph 1.39)</i>	500	LF	\$ -	\$ -
D040	Installation of metal drip edge for shingle roofing <i>(See Paragraph 1.40)</i>	400	LF	\$ -	\$ -
D041	Install Metal Termination Bar <i>(See Paragraph 1.41)</i>	500	LF	\$ -	\$ -
D042	Install Roofing Scupper <i>(See Paragraph 1.42)</i>	15	EA	\$ -	\$ -
D043	Install Pitch Pocket within Roof <i>(See Paragraph 1.43)</i>	20	EA	\$ -	\$ -
D044	Install 6" Aluminum Fascia <i>(See Paragraph 1.44)</i>	2800	LF	\$ -	\$ -
D045	Install 12" Aluminum Fascia <i>(See Paragraph 1.45)</i>	2800	LF	\$ -	\$ -
D046	Install Turbine Vent up to 10" dia <i>(See Paragraph 1.46)</i>	10	EA	\$ -	\$ -
D047	Install Turbine Vent - 11" up to 26" dia. <i>(See Paragraph 1.47)</i>	10	EA	\$ -	\$ -
D048	Install Ridge Vent for shingle or metal roof <i>(See Paragraph 1.48)</i>	1000	LF	\$ -	\$ -
D049	Fluid applied roofing. This shall be 5 layers <i>(See Paragraph 1.49)</i>	1,000	SF	\$ -	\$ -
D050	Infrared Roof Moisture Surveys the minimum area ordered per task order will be 1000 SF <i>(See Paragraph 1.50)</i>	1000	SF	\$ -	\$ -
D051	Wall cap <i>(See Paragraph 1.51)</i>	3,000	LF	\$ -	\$ -
D052	Expansion joint <i>(See Paragraph 1.52)</i>	3,000	LF	\$ -	\$ -
D053	Conductor head - 22 ga. galvanized steel w/Kynar finish	30	EA	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit D (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 3

(See Paragraph 1.53)

D054	Install 3"x5" Snow Blocks (More than 100) (See Paragraph 1.54)	1500	EA	\$ -	\$ -
D055	Install Bar type snow guards for R type and corrugated roof panels (See Paragraph 1.55)	400	LF	\$ -	\$ -
D056	Install Bar type snow guards for standing seam roof panels (See Paragraph 1.56)	200	LF	\$ -	\$ -
D057	Repair Joints and Holes in Metal roofs (See Paragraph 1.57)	500	SF	\$ -	\$ -
D058	Apply Aluminum Fiber or Black Asphalt Fiber Roof Coating (See Paragraph 1.58)	500	SF	\$ -	\$ -
D059	EXTERIOR INSULATION AND FINISH SYSTEMS - EIFS (See Paragraph 1.59)	1,000	SF	\$ -	\$ -
D060	Install soffits on the underside of eaves (See Paragraph 1.60)	500	LF	\$ -	\$ -

D061	Remove Existing Roofing Elastomeric Sheet (E.P.D.M.) (See Paragraph 1.61)	50,000	SF	\$ -	\$ -
D062	Remove single ply Polyvinyl Chloride (PVC) membrane (See Paragraph 1.62)	3,000	SF	\$ -	\$ -
D063	Remove Modified bituminous roof membrane up to 5-Ply (See Paragraph 1.63)	10,000	SF	\$ -	\$ -
D064	Remove Build up roofing including aggregate up to 5-Ply (See Paragraph 1.64)	1,000	SF	\$ -	\$ -
D065	Remove Existing Asphalt/Fiberglass Shingles (See Paragraph 1.65)	10,000	SF	\$ -	\$ -
D066	Remove Rigid Insulation (See Paragraph 1.66)	250,000	SF	\$ -	\$ -
D067	Remove stone ballast only (See Paragraph 1.67)	10,000	SF	\$ -	\$ -
D068	Remove CDX Plywood Decking (See Paragraph 1.68)	10,000	SF	\$ -	\$ -
D069	Remove Metal Roof System (See Paragraph 1.69)	1,000	SF	\$ -	\$ -
D070	Remove Flashing (See Paragraph 1.70)	5,000	SF	\$ -	\$ -
D071	Remove Vent Stack Flashing (See Paragraph 1.71)	200	EA	\$ -	\$ -

**Solicitation
#N40085-16-R-2803**

**Exhibit D (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 3

D072	Remove Counter Flashing and Misc. Accessories (See Paragraph 1.72)	1,000	SF	\$ -	\$ -
D073	Remove Gravel Stop and Drip Edges (See Paragraph 1.73)	4,200	LF	\$ -	\$ -
D074	Remove Guttering (See Paragraph 1.74)	5,000	LF	\$ -	\$ -
D075	Remove Downspouts (See Paragraph 1.75)	1000	LF	\$ -	\$ -
D076	Remove Pressure - Treated Wood Nailers, Crickets Saddles and Fascia Boards (See Paragraph 1.76)	5,000	LF	\$ -	\$ -
D077	Remove 2"X4" wood purlins attached on top of transite roof panels (See Paragraph 1.77)	6000	LF	\$ -	\$ -
D078	Removal of gypsum board under roofing systems. (See Paragraph 1.78)	2,000	SF	\$ -	\$ -
D079	Remove Transite (Asbestos) Roof or ceiling Panels (See Paragraph 1.79)	20,200	SF	\$ -	\$ -
D080	Removal of Asbestos Containing Roof Material (See Paragraph 1.80)	5,000	SF	\$ -	\$ -
D081	Removal of asbestos contaminated insulation below transite roof panel (See Paragraph 1.81)	10,000	SF	\$ -	\$ -
D082	Private Qualified Person (PQP) (See Paragraph 1.82)	20	DAY	\$ -	\$ -
D083	Asbestos Hazard Abatement Plan (See Paragraph 1.83)	4	EA	\$ -	\$ -
D084	Locate & Identify Roof Leak (See Paragraph 1.84)	125	EA	\$ -	\$ -
D085	Respond to Emergency Service Calls (See Paragraph 1.85)	5	EA	\$ -	\$ -
D086	Clean gutters (See Paragraph 1.86)	16,500	LF	\$ -	\$ -
D087	Community Infestation Control in Conjunction inert Roof Repair/Replacement (See Paragraph 1.87)	20,000	SF	\$ -	\$ -
D088	Labor for Installation of Material in Conjunction with Roof Repair/Replacement (See Paragraph 1.88)	750	LH	\$ -	\$ -
D089	Material and Equipment in Conjunction with Roof Repairs/Replacement (See Paragraph 1.89) For proposal purposes only, assume the amount of material and equipment is \$20,000.00 To calculate the amount for ELIN D089 multiply \$20,000.00 by the percent mark-up + 100% For example if the fixed burden rate is 10% then \$20,000.00 x 1.10 = \$22,000.00 which is entered in ELIN D089	20000	%	0.0%	\$ 20,000.00
D090	Work Outside Normal Working Hours (See paragraph 1.90) For proposal purposes only, assume the total of all applicable ELINS D001 to D089 to be performed outside of normal working hours is \$5,000.00	5000	%	0.0%	\$ 5,000.00

**Solicitation
#N40085-16-R-2803**

**Exhibit D (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 3

To calculate the amount for ELIN D090 multiply \$5,000.00 by the percent mark-up + 100%
For example if the percent mark up is 10% then \$5,000.00 x 1.10 = \$5,500.00 which is entered in ELIN D090
Thus, the Work Outside Normal Working Hours premium is an additional charge of \$500.00 for those tasks on a particular task order that will be performed outside of normal working hours

D091	Bond Cost for Payment and Performance Bonds (See Paragraph 1.91) To calculate the amount for ELIN D091 multiply the subtotal of ELINS D001 - D090 by the bond premium.	\$ 25,000.00	%	0.0%	\$ _____ -
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ESTIMATED TOTAL PRICE: \$ 25,000.00
OPTION PERIOD #3
(Line Items D001 -- D091)
(CLIN 0001)

**Solicitation
#N40085-16-R-2803**

**Exhibit E (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 4

SOLICITATION #N40085-16-R-2803, ROOF REPAIRS AND REPLACEMENT AT THE NAVAL SUPPORT ACTIVITY CRANE, INDIANA & GLENDORA TEST FACILITY SULLIVAN, INDIANA

EXHIBIT LINE ITEM NUMBER	LINE ITEM DESCRIPTION	QUANTITY	UNIT OF ISSUE	UNIT PRICE	OPTION PERIOD #4
					EXTENDED AMOUNT
E001	Install Elastomeric Sheet Roof System (E.P.D.M.) - <u>White</u> 0.090 Thick Totally Adhered System (See Paragraph 1.1)	100	SQ	\$ -	\$ -
E002	Install Polyvinyl Chloride (PVC) - 0.080 Mechanically Attached Roof System (See Paragraph 1.2)	600	SQ	\$ -	\$ -
E003	Install Polyvinyl Chloride (PVC) 0.080 Fully Adhered Roof System (See Paragraph 1.3)	600	SQ	\$ -	\$ -
E004	Install Metal Sheet Roof Standard 26 ga Interlocking Ribs (See Paragraph 1.4)	25,000	SF	\$ -	\$ -
E005	Install Standing Seam, Steel Roof Panels 24 gauge. (See Paragraph 1.5)	500	SF	\$ -	\$ -
E006	Install 4.2" corrugated metal roof Roof panels shall be 24 ga.(See Paragraph 1.6)	1,000	SF	\$ -	\$ -
E007	B type metal decking. (See Paragraph 1.7)	1,000	SF	\$ -	\$ -
E008	Install Insulation Core metal Roof Panels (See Paragraph 1.8)	12,000	SF	\$ -	\$ -
E009	Install class "A" Mineral granule-surfaced asphalt shingles 290 lb. per Square (See Paragraph 1.9)	100	SQ	\$ -	\$ -
E010	Install 30 lb. Felt (See Paragraph 1.10)	100	SQ	\$ -	\$ -
E011	Install ½" fiberglass mat faced gypsum cover board (See Paragraph 1.11)	30,000	SF	\$ -	\$ -
E012	Aluminum foil faced closed cell Polyethylene foam insulation moisture barrier 1/2" thick - use under metal roof(See Paragraph 1.12)	20,000	SF	\$ -	\$ -
E013	Install Rigid Polyisocyanurate Insulation 1½" Thick with Min. "R" Factor of 9.0 <u>Mechanically Attached</u> (See Paragraph 1.13)	10,000	SF	\$ -	\$ -
E014	Install Rigid Polyisocyanurate Insulation 1½" Thick with Min. "R" Factor of 9.0 <u>Fully Adhered</u> (See Paragraph 1.14)	20,000	SF	\$ -	\$ -
E015	Install Rigid Polyisocyanurate Insulation 2" Thick : Mechanically Attached with Min. "R" Factor of 12.0 <u>Mechanically Attached</u> (See Paragraph 1.15)	200,000	SF	\$ -	\$ -
E016	Install Rigid Polyisocyanurate Insulation 2" Thick : Fully Adhered with Min. "R" Factor of 12.0 <u>Fully Adhered</u> (See Paragraph 1.16)	100,000	SF	\$ -	\$ -

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**Exhibit E (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 4

E017	Install Rigid Polyisocyanurate Insulation - tapered min 1/4" per ft. (See Paragraph 1.17)	2,000	BF	\$ -	\$ -
E018	Install Flashing EPDM 0.060 inch Thick (See Paragraph 1.18)	1,000	SF	\$ -	\$ -
E019	Install Flashing PVC 0.060 inch Thick (See Paragraph 1.19)	2,000	SF	\$ -	\$ -
E020	Walk Pad PVC .090 inch thick & 30 inch wide (See Paragraph 1.20)	500	LF	\$ -	\$ -
E021	Install Vent Stack Flashing (See Paragraph 1.21)	100	EA	\$ -	\$ -
E022	Install Counter Flashing (.032 Thk. Alum.) (See Paragraph 1.22)	500	SF	\$ -	\$ -
E023	Install 6" Alum Gravel Stops with Drip Edges (See Paragraph 1.23)	2,000	LF	\$ -	\$ -
E024	Install 10" Alum Gravel Stops with Drip Edges (See Paragraph 1.24)	600	LF	\$ -	\$ -
E025	Install new 6" seamless gutters with all accessories (See Paragraph 1.25)	2,000	LF	\$ -	\$ -
E026	Install 6" box Gutters Complete with Accessories (See Paragraph 1.26)	200	LF	\$ -	\$ -
E027	Install 8" box gutter – galvanized steel w/Kynar finish with Accessories 22 ga. Galvanized (See Paragraph 1.27)	500	LF	\$ -	\$ -
E028	Install Downspouts Complete w/Accessories (.032 Aluminum) 3" x 4" Rectangular (See Paragraph 1.28)	1,500	LF	\$ -	\$ -
E029	Install Downspouts Complete w/Accessories (.032 Aluminum) 3" Round (See Paragraph 1.29)	250	LF	\$ -	\$ -
E030	Install Downspouts Complete w/Accessories (.032 Aluminum) 4" Round (See Paragraph 1.30)	100	LF	\$ -	\$ -
E031	Install 6 inch square downspouts (See Paragraph 1.31)	400	LF	\$ -	\$ -
E032	Install Starter Strip for Eaves and Edges 9" wide strip of mineral-surfaced roll roofing (See Paragraph 1.32)	500	LF	\$ -	\$ -
E033	Install Pressure -Treated Wood Fascia, nailers or purlins 2"x4" (See Paragraph 1.33)	3,000	LF	\$ -	\$ -
E034	Install Pressure -Treated Wood Fascia, nailers or purlins 2"x6" (See Paragraph 1.34)	3,000	LF	\$ -	\$ -

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**Exhibit E (Revised Amendment 0002)
Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 4

E035	Install Pressure -Treated Wood Fascia, nailers or purlins 2"x10" <i>(See Paragraph 1.35)</i>	3,000	LF	\$ -	\$ -
E036	Install Decking, 3/4" CDX Plywood <i>(See Paragraph 1.36)</i>	200	SF	\$ -	\$ -
E037	Install Decking New 1/2" CDX Plywood <i>(See Paragraph 1.37)</i>	500	SF	\$ -	\$ -
E038	Install "Z" or "C" purlins 4" <i>(See Paragraph 1.38)</i>	500	LF	\$ -	\$ -
E039	Install "Z" or "C" purlins 8" <i>(See Paragraph 1.39)</i>	500	LF	\$ -	\$ -
E040	Installation of metal drip edge for shingle roofing <i>(See Paragraph 1.40)</i>	400	LF	\$ -	\$ -
E041	Install Metal Termination Bar <i>(See Paragraph 1.41)</i>	500	LF	\$ -	\$ -
E042	Install Roofing Scupper <i>(See Paragraph 1.42)</i>	15	EA	\$ -	\$ -
E043	Install Pitch Pocket within Roof <i>(See Paragraph 1.43)</i>	20	EA	\$ -	\$ -
E044	Install 6" Aluminum Fascia <i>(See Paragraph 1.44)</i>	2800	LF	\$ -	\$ -
E045	Install 12" Aluminum Fascia <i>(See Paragraph 1.45)</i>	2800	LF	\$ -	\$ -
E046	Install Turbine Vent up to 10" dia <i>(See Paragraph 1.46)</i>	10	EA	\$ -	\$ -
E047	Install Turbine Vent - 11" up to 26" dia. <i>(See Paragraph 1.47)</i>	10	EA	\$ -	\$ -
E048	Install Ridge Vent for shingle or metal roof <i>(See Paragraph 1.48)</i>	1000	LF	\$ -	\$ -
E049	Fluid applied roofing. This shall be 5 layers <i>(See Paragraph 1.49)</i>	1,000	SF	\$ -	\$ -
E050	Infrared Roof Moisture Surveys the minimum area ordered per task order will be 1000 SF <i>(See Paragraph 1.50)</i>	1000	SF	\$ -	\$ -
E051	Wall cap <i>(See Paragraph 1.51)</i>	3,000	LF	\$ -	\$ -
E052	Expansion joint <i>(See Paragraph 1.52)</i>	3,000	LF	\$ -	\$ -
E053	Conductor head - 22 ga. galvanized steel w/Kynar finish	30	EA	\$ -	\$ -

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OPTION 4

(See Paragraph 1.53)

E054	Install 3"x5" Snow Blocks (More than 100) <i>(See Paragraph 1.54)</i>	1500	EA	\$ -	\$ -
E055	Install Bar type snow guards for R type and corrugated roof panels <i>(See Paragraph 1.55)</i>	400	LF	\$ -	\$ -
E056	Install Bar type snow guards for standing seam roof panels <i>(See Paragraph 1.56)</i>	200	LF	\$ -	\$ -
E057	Repair Joints and Holes in Metal roofs <i>(See Paragraph 1.57)</i>	500	SF	\$ -	\$ -
E058	Apply Aluminum Fiber or Black Asphalt Fiber Roof Coating <i>(See Paragraph 1.58)</i>	500	SF	\$ -	\$ -
E059	EXTERIOR INSULATION AND FINISH SYSTEMS - EIFS <i>(See Paragraph 1.59)</i>	1,000	SF	\$ -	\$ -
E060	Install soffits on the underside of eaves <i>(See Paragraph 1.60)</i>	500	LF	\$ -	\$ -
E061	Remove Existing Roofing Elastomeric Sheet (E.P.D.M.) <i>(See Paragraph 1.61)</i>	50,000	SF	\$ -	\$ -
E062	Remove single ply Polyvinyl Chloride (PVC) membrane <i>(See Paragraph 1.62)</i>	3,000	SF	\$ -	\$ -
E063	Remove Modified bituminous roof membrane up to 5-Ply <i>(See Paragraph 1.63)</i>	10,000	SF	\$ -	\$ -
E064	Remove Build up roofing including aggregate up to 5-Ply <i>(See Paragraph 1.64)</i>	1,000	SF	\$ -	\$ -
E065	Remove Existing Asphalt/Fiberglass Shingles <i>(See Paragraph 1.65)</i>	10,000	SF	\$ -	\$ -
E066	Remove Rigid Insulation <i>(See Paragraph 1.66)</i>	250,000	SF	\$ -	\$ -
E067	Remove stone ballast only <i>(See Paragraph 1.67)</i>	10,000	SF	\$ -	\$ -
E068	Remove CDX Plywood Decking <i>(See Paragraph 1.68)</i>	10,000	SF	\$ -	\$ -
E069	Remove Metal Roof System <i>(See Paragraph 1.69)</i>	1,000	SF	\$ -	\$ -
E070	Remove Flashing <i>(See Paragraph 1.70)</i>	5,000	SF	\$ -	\$ -
E071	Remove Vent Stack Flashing <i>(See Paragraph 1.71)</i>	200	EA	\$ -	\$ -
E072	Remove Counter Flashing and Misc. Accessories	1,000	SF	\$ -	\$ -

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Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 4

(See Paragraph 1.72)

E073	Remove Gravel Stop and Drip Edges (See Paragraph 1.73)	4,200	LF	\$ -	\$ -
E074	Remove Guttering (See Paragraph 1.74)	5,000	LF	\$ -	\$ -
E075	Remove Downspouts (See Paragraph 1.75)	1000	LF	\$ -	\$ -
E076	Remove Pressure - Treated Wood Nailers, Crickets Saddles and Fascia Boards (See Paragraph 1.76)	5,000	LF	\$ -	\$ -
E077	Remove 2"x4" wood purlins attached on top of transite roof panels (See Paragraph 1.77)	6000	LF	\$ -	\$ -
E078	Removal of gypsum board under roofing systems. (See Paragraph 1.78)	2,000	SF	\$ -	\$ -
E079	Remove Transite (Asbestos) Roof or ceiling Panels (See Paragraph 1.79)	20,200	SF	\$ -	\$ -
E080	Removal of Asbestos Containing Roof Material (See Paragraph 1.80)	5,000	SF	\$ -	\$ -
E081	Removal of asbestos contaminated insulation below transite roof panel (See Paragraph 1.81)	10,000	SF	\$ -	\$ -
E082	Private Qualified Person (PQP) (See Paragraph 1.82)	20	DAY	\$ -	\$ -
E083	Asbestos Hazard Abatement Plan (See Paragraph 1.83)	4	EA	\$ -	\$ -
E084	Locate & Identify Roof Leak (See Paragraph 1.84)	125	EA	\$ -	\$ -
E085	Respond to Emergency Service Calls (See Paragraph 1.85)	5	EA	\$ -	\$ -
E086	Clean gutters (See Paragraph 1.86)	16,500	LF	\$ -	\$ -
E087	Community Infestation Control in Conjunction inert Roof Repair/Replacement (See Paragraph 1.87)	20,000	SF	\$ -	\$ -
E088	Labor for Installation of Material in Conjunction with Roof Repair/Replacement (See Paragraph 1.88)	750	LH	\$ -	\$ -
E089	Material and Equipment in Conjunction with Roof Repairs/Replacement (See Paragraph 1.89) For proposal purposes only, assume the amount of material and equipment is \$20,000.00	20000	%	0.0%	\$ 20,000.00
	To calculate the amount for ELIN E089 multiply \$20,000.00 by the percent mark-up + 100%				
	For example if the fixed burden rate is 10% then \$20,000.00 x 1.10 = \$22,000.00 which is entered in ELIN E089				
E090	Work Outside Normal Working Hours (See paragraph 1.90) For proposal purposes only, assume the total of all applicable ELINS E001 to E089 to be performed outside of normal working hours is \$5,000.00 To calculate the amount for ELIN E090 multiply \$5,000.00 by the percent mark-up + 100%	5000	%	0.0%	\$ 5,000.00

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Roof Repairs and Replacement
at NSA Crane, IN**

OPTION 4

For example if the percent mark up is 10% then \$5,000.00 x 1.10 = \$5,500.00 which is entered in ELIN E090
Thus, the Work Outside Normal Working Hours premium is an additional charge of \$500.00 for those tasks on a particular task order that will be performed outside of normal working hours

E091	Bond Cost for Payment and Performance Bonds (See Paragraph 1.91) To calculate the amount for ELIN E091 multiply the subtotal of ELINS E001 - E090 by the bond premium.	\$ 25,000.00	%	<u>0.0%</u>	\$ _____ -
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ESTIMATED TOTAL PRICE: \$ 25,000.00
OPTION PERIOD #4
(Line Items E001 -- E091)
(CLIN 0001)