
215 SECTION 00 01 16 – BID FORM

Date:

To: Easton Architects
20 East 44th Street, Suite 604
New York, NY 10036
Attn: Lisa Easton

RE: Atlantic City Fire Station #2
Roof Replacement and Masonry Restoration Project
138 North Indiana Avenue
Atlantic City, NJ 08401

Dear Ms. Easton:

We have examined the Contract Documents and the site for the captioned project. We are familiar with all of the requirements of the Documents and existing conditions relative to the execution of this Work. We hereby propose to complete the Work in accordance with the Contract Documents for the **Base-bid** Sum of:

Dollars _____ (words) \$ _____ (figures)

Number of Calendar Days required to complete project: _____

Duration of Offer:

The Bidder agrees that this bid proposal represents an irrevocable offer to the Owner which may be accepted by the Owner's insurance of a Notice to Proceed in favor of the Bidder, on or before the close of business sixty (60) calendar days after closing of the Bids.

A Bid may not be modified, withdrawn, or canceled by the Bidder for the period of time stipulated in the Invitation to Bid and each Bidder so agrees in submitting his Bid.

Schedule of Values – BASE BID:

Division 1: General Requirements

-	General conditions	\$
-	Scaffolding/protection	\$
-	Mobilization	\$
-	Insurance	\$
-	Abatement	\$
-	Water testing	\$
-	<i>Bid Bond</i>	\$
-	Division 1 Subtotal	\$

Division 2: Selective Demolition

D1	Remove and dispose of <u>existing roofing assembly</u> at the Main Roof, Fourth Floor Roof, and Hose Tower (Allowance = <i>100% of all roofs</i>). Removal of the existing roof shall include all roof assembly materials above the existing roof deck, including but not limited to the roof membrane, coverboard, and any previous roofing material.	\$
D2	Remove and dispose of existing <u>vertically applied modified bitumen roofing membrane</u> at the inboard side of parapets at Main Roof, Fourth Floor Roof, and Hose Tower Roof down to existing parapet backup (Allowance = <i>100% of all vertical membranes</i>). Removal shall also include the membrane currently installed over the Fourth Floor Roof parapet coping.	\$
D3	Remove <u>existing terra cotta camelback copings</u> and metal sub-coping flashings at the Main Roof parapets (Allowance = <i>100% of all terra cotta camelbacks</i>).	\$
D4	Remove existing <u>metal coping covers</u> at Main Roof and Hose Tower Roof parapets (Allowance = <i>100% of all metal coping covers</i>).	\$
D5	Remove existing <u>metal parapet covers</u> at the outboard side of parapet at the Fourth Floor Roof, and the Hose Tower Roof (Allowance = <i>100% of all metal parapet covers</i>).	\$
D6	Remove the existing <u>scuppers</u> at the Main Roof, Fourth Floor Roof and Hose Tower Roof (Allowance = 12 locations).	\$
D7	Remove existing <u>downspouts</u> at the Main Roof, Fourth Floor Roof and Hose Tower Roof (Allowance = 12 locations).	\$
D8	Remove existing <u>perimeter metal counterflashing</u> at the Main Roof and Fourth Floor Roof (Allowance = <i>100% of counterflashing - approximately 150 LF</i>).	\$
D9	Remove and dispose of existing <u>roof hatch</u> at the Hose Tower Roof (Allowance = 1 location)	\$
D10	Remove and dispose of existing exhaust duct at the Baltic Avenue façade, Main Roof and the North Setback façade (Allowance = <i>1 location</i>).	\$
D12	Remove existing <u>stone copings</u> at Main Roof, Fourth Floor Roof, and Hose Tower Roof parapets (Allowance = <i>100% of all coping stones - approximately 280 LF</i>).	\$
D15	Remove existing <u>pedestrian door, frame and transom</u> at the Third Floor setback façade of the Main Roof.	\$
-	Division 2 Subtotal	\$

Division 3: Concrete

C1	Scarify existing concrete roof slab (Allowance for 2" depth = <i>100% of all roofs</i>). Skim coat surface (100%). Build up skim coat as necessary to provide positive pitch to roof drains.	\$
C2	Provide new concrete <u>maintenance pads</u> for existing split system units at the Main Roof & various equipment at the Hose Tower Roof (Allowance = 4 locations). GC to temporarily relocate split system units and emergency equipment as required to install new pads, clips & resin based flashing. GC shall coordinate with Ownership for temporary relocation of all items. GC shall also patch existing opening in masonry wall currently used for condensate line, and provide new opening for condensate line above flashing level. New opening shall include emseal closure.	\$
C3	Provide concrete repair at 3 locations of previous roof cores. Existing cores are approximately 3" in diameter and 5" thick.	\$
Division 3 Subtotal		\$

Division 4: Masonry

M1	Test <u>masonry cleaning products</u> as outlined in specifications. The test cleaning campaign should include masonry, limestone and bluestone materials. Location shall be selected by Architect and Ownership (Allowance = 2 products at 3 locations each).	\$
M2	Perform a <u>masonry cleaning campaign</u> to address staining, biological growth, efflorescence and previous coatings at all facades as outlined in specifications. Cleaning program shall be based on the successful cleaning test (Allowance = <i>100% of all facades</i>).	\$
M3	<u>Repoint</u> the building in its entirety at all four facades, including setbacks, with an appropriate mortar (color and hardness) and tooling profile (Allowance = <i>100% of all facades</i>). Mortar removal and raking to be performed by hand raking to avoid damaging masonry.	\$
M4	<u>Rebuild three-wythe masonry</u> (structural) wall at the Hose Tower Stairwell. Disassemble damaged and deteriorated brick masonry units at all wythes of wall as per details. Rebuild all wythes with new brick masonry units to match existing in color, profile, dimension, and bond pattern (Allowance = <i>350 SF</i>). Rebuild shall include all wall ties and flashings as per details.	\$
M6	<u>Rebuild existing face masonry</u> (facebrick) at localized areas throughout all facades at locations of cracked or spalled masonry (Allowance = <i>700 SF</i>).	\$
M7	Install new in-kind replacement <u>terra cotta camelback</u> stone coping units at existing parapets at the Main Roof. Install new resin-based sub-coping flashing prior to the reinstallation of the new terra cotta copings (Allowance = <i>100% of all terra cotta camelbacks - approximately 178 LF</i>). Provide mock-ups and details for approval by NPS and New Jersey SHPO for approval prior to full installation.	\$
M8	Remove, catalogue, salvage and rebuild the <u>decorative masonry pilaster</u> at the Drill Yard Wall (Allowance = <i>1 location</i>).	\$
M9	<u>Rebuild masonry wall</u> at the Drill Yard wall north of the decorative masonry pilaster (Allowance = 75 SF). Provide a finished vertical masonry edge at the end of the wall.	\$
M10	Provide new in-kind replacement <u>terra cotta camelback coping stones</u> at the rebuilt masonry wall at the Drill Yard wall north of the	\$

	decorative masonry pilaster (Allowance = <i>approximately 12 LF</i>). Provide mock-ups and details for approval by NPS and New Jersey SHPO for approval prior to full installation.	
M11	Remove any existing <u>abandoned mechanical remains</u> (anchors, fasteners, miscellaneous remains). Replace masonry or provide a dutchman repair as appropriate (Allowance = 35 locations)	\$
M12	Provide <u>dutchman repairs</u> at locations of material loss (Allowance = 3 SF).	\$
M13	Route and patch at locations of limestone cracking (Allowance = 5 LF).	\$
M14	Provide <u>surface repairs</u> at areas of exfoliation at bluestone base (Allowance = 85 SF).	\$
M16	Provide & install new <u>pre-cast concrete coping stones</u> at the Main Roof, Fourth Floor Roof and Hose Tower Roof parapets (Allowance = <i>100% of all coping stones - approximately 280 LF</i>).	
M17	Provide new pre-cast concrete panels and ledge at outboard side of Fourth Floor Roof and Hose Tower Roof <i>parapets</i> . Panel installation shall accommodate existing brick detailing and also include the installation of fabric coated copper flashing. Provide engineered shop drawings for anchorage.	
M18	<u>Repoint interior masonry</u> at Hose Tower with an appropriate mortar (color and hardness) and tooling profile (Allowance = 2750 SF). Mortar removal and raking to be performed by hand raking to avoid damaging masonry.	
-	Division 4 Subtotal	\$

Division 5: Metal

MT1	Provide & install new <u>metal downspouts</u> at all facades (Allowance = 12 locations). New downspouts shall be installed with non-corrosive anchorage. Provide & install new concrete splash pads at the termination of each downspout.	\$
MT2	Provide and install new through-wall <u>scupper sleeves</u> at existing scuppers (Allowance = 12 locations). Provide custom cast iron grill cover at roof side of scupper openings.	\$
MT4	Install <u>new metal exhaust duct</u> (in-kind replacement) at the Baltic Avenue façade, Main Roof and the North Setback façade (Allowance = <i>1 location - full replacement</i>). Install ductwork with non-corrosive metal anchors and provide new fully flashed duct supports at the Main Roof horizontal transition. Provide new stainless steel through-wall sleeve & fully flash with resin.	\$
MT5	Provide and install <u>pipe curb</u> assemblies and caps at the Main Roof and Hose Tower Roof for future use (Allowance = 3 locations).	\$
MT6	Remove mill scale/rust/corrosion at base of existing historic flagpole at Hose Tower Roof. Provide new metal coupler at base of pole to receive resin-based flashing. New coupler shall be mounted to roof deck at horizontal flange with expansion bolts. G.C. shall provide shop drawings of coupler for review. Prepare prime and paint flagpole in its entirety. G.C. to close & seal top of flagpole prior to painting. Color to be selected by Architect during construction.	\$
-	Division 5 Subtotal	\$

Division 7: Thermal Protection

T1	Provide and install <u>new Kemper cold-fluid applied roofing membrane system</u> with vapor barrier, insulation, coverboard and flashing at Main Roof, Fourth Floor Roof and Hose Tower Roof (Allowance = <i>100% of all roofs</i>). Installation of new roofing system shall include Kemper membrane at the inboard side of all existing parapets and also installed below all copings. Provide resin-based flashing at all roof penetrations as per manufacturer's recommendations.	\$
T2	Flash new through-wall metal <u>scuppers</u> fully with Kemper cold-fluid applied flashing (Allowance = 12 locations).	\$
T3	Provide and install <u>new two-piece stainless steel counterflashing</u> at parapet walls or setback walls at Main Roof and Fourth Floor Roof (Allowance = <i>100% of counterflashing - approximately 150 LF</i>).	\$
T4	Provide new thermally broken <u>roof hatch</u> with new curb and integral flashing at Hose Tower Roof (Allowance = 1 location). Hatch shall be custom sized to match existing roof opening.	\$
-	Division 7 Subtotal	\$

Division 8: Windows and Doors

WD5	Provide and install new hollow metal pedestrian door and frame at Third Floor setback façade. New door installation shall include new saddle, diamond plate threshold, metal saddle, kick-plate, sub-sill flashing and jamb flashing. Final color to be selected by Architect. Installation shall also include new masonry stub wall. Interiors shall be installed/repared to match adjacent surround and a new painted wood step installed.	\$
-	Division 8 Subtotal	\$

BASE BID TOTAL	\$
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Schedule of Values – ALTERNATES:

Division 2: Division 2: Selective Demolition

D11	Alternate 1A – Remove existing aluminum <u>double hung and fixed windows</u> at all facades.	\$
D13	Alternate 1C – Remove existing <u>pedestrian doors and frames</u> at the First Floor facades.	\$
-	Alternate Division 2 Subtotal	\$

Division 4: Masonry

M5	Alternate 4 - Remove existing masonry at existing <u>lintels</u> . Prepare, prime and paint existing steel lintels and install new fabric flashing set in mastic. Extend flashing min. 8” beyond masonry opening and end dam. Terminate top edge of flashing with regletted metal termination piece and set with lead wedges. Install new masonry units to match existing adjacent pattern. (Allowance = <i>100% of all lintels</i>).	\$
M15	Alternate 2 – <u>Rebuild localized areas</u> of existing face masonry at south section of Drill Yard wall. <u>Repoint wall</u> in its entirety from the decorative pilaster to the Ladder House (Allowance = 90 SF).	\$
-	Alternate Division 4 Subtotal	\$

Division 6: Wood

W1	Alternate 1D - <u>Restore historic stable doors</u> at Baltic Avenue. Repair and restore existing wood doors to remain as indicated in the schedule, including doors, frames, moldings, and trims. Repairs to include wood fill, dutchman of select areas, glazing, weatherstripping and gasket replacement. Scrape existing paint finish, perform repairs and select area replacements, consolidate exposed wood material as indicated. Provide new brick mold to match existing in profile and dimension as required. Prime and paint. Hardware to be removed prior to work, salvaged, and reinstalled at completion of work. Confirm full operability. Finish color to be selected by Architect.	\$
W2	Alternate 1B - <u>Restore historic wood louvers</u> at Sixth Floor Level of the Hose Tower Roof. Repair and restore as indicated in the schedule, including slats, frames, moldings, and trims. Repairs to include wood fill, dutchman of select areas, weatherstripping replacement. Scrape existing paint finish, perform repairs and select area replacements, and consolidate exposed wood material. Provide new brick mold to match existing in profile and dimension as required. Prime and paint full louver units. Finish color to be approved by Architect. G.C. to provide a painted wood interior closure to seal louver.	\$
-	Alternate Division 6 Subtotal	\$

Division 7: Thermal and Moisture Protection

T5	Alternate 5 - Remove existing perimeter sealant at all windows & doors throughout all facades. Install continuous perimeter sealant & backer rod at all windows & doors.	\$
-	Alternate Division 7 Subtotal	\$

Division 8: Windows and Doors

WD1	Alternate 1A – Provide and install new <u>metal clad wood double hung or fixed windows</u> at all facades. Window installations shall include new head, sill, jamb flashing, removal of all weights and installation of insulation at all voids (previous weight pockets). Provide new painted wood interior trim & stools to match existing at all locations. Repair existing plaster and lath window surround as required for window installation. Installation shall also include new painted wood interior sills and stools (profile to match originals) where noted on the proposed plans. Finish color to be selected by Architect. Provide photos, mock-ups and details for approval by NPS and New Jersey SHPO for approval prior to full installation.	\$
WD3	Alternate 1C – Provide and install new <u>hollow metal door and frame (Drill Yard), and aluminum clad wood doors and frames (street)</u> at First Floor façades as per door schedule. Shop prime and paint. Provide new hardware and weatherstripping and gasketing. Finish color of interior and exterior to be selected by Architect. All new painted interior and exterior wood brick molds and trims to match existing.	
-	Alternate Division 8 Subtotal	\$

Division 9: Finishes

F1	Alternate 3 – Replace, repair or restore existing interior plaster and lath wall finishes to address multiple areas of leak damage as noted on the proposed plans. The scope of work does not include replacement of any existing deteriorated back-up walls, ceilings or floor systems (Allowance = 3,500 SF).	\$
-	Alternate Division 9 Subtotal	\$

Alternate 1 Subtotal (Windows)	\$
Alternate 2 Subtotal (Doors)	\$
Alternate 3 Subtotal (Interior finishes)	\$
Alternate 4 Subtotal (Lintel repairs)	\$
Alternate 5 Subtotal (Reseal Windows)	\$
ALTERNATES TOTAL	\$

UNIT PRICES: (Rates shall include materials, labor, overhead, profit and taxes for the work other than the work set forth in the specifications).

Concrete Deck Repair (Patching 6" x 6" x 2" deep)	\$	Loc
Concrete Deck Repair (Crack 6" x 1" x 2" deep)	\$	Loc
Face Brick Replacement	\$	SF
Isolated Face Brick Replacement	\$	Unit
Back-up Brick Replacement	\$	SF
Cutting & Pointing	\$	SF
Cutting & Pointing – Single Line	\$	LF
Defunct Anchor Removal	\$	Loc
Stainless Steel Wall Tie Anchor (Helifix/DryFix) Installation	\$	Loc
Stainless Steel HeliBar Installation	\$	LF
Stainless Steel Threaded Rod Set in Epoxy	\$	Loc
Cast Stone Coping Replacement	\$	LF
Stone Repair (Patching 6" x 6" x 2" deep)	\$	Loc
Stone Repair (Crack 6" x 1" x 2" deep)	\$	Loc
Stone Dutchman Repair (6" x 6" x 3")	\$	Loc
Lintel Replacement, Less Than Four Feet	\$	LF
Lintel Replacement, More Than Four Feet	\$	LF
Lintel Restoration (Scrape, Prime & Paint, Sealant at Window Head)	\$	LF
Expansion Joint Installation	\$	LF
Sidewalk Bridge Installation	\$	LF

Subcontractors:

List below the names of any subcontractors who will perform work on this project. If a listed trade will be performed by the bidder's own force, so indicate. Submit summary qualifications for each listed subcontractor including a list of similar projects completed in the last 5 years.

1	Subcontractor	
2	Subcontractor	
3	Subcontractor	
4	Subcontractor	
5	Subcontractor	

Provide a list of electric powered tools anticipated to be used on the project:

Time to Complete:

If awarded the Contract we will substantially complete the work within _____ calendar days from the date the Agreement is executed.

Kemper Certification:

List below the Kemper Certification number for your company or your sub-contractor's company.

Certification Number: _____
Company name listed on Certification: _____

Addenda:

Bidder acknowledges receipt of Addenda as follows:

_____	_____
	Signature
_____	_____
	Signature
_____	_____
	Signature

References:

The following is a list of places where we have performed work of similar character and magnitude, together with references:

Project Name & Location Approximate Cost Reference (Name & phone #)

Signatures:

The full names and places of residence of all persons and parties interested as principals in the foregoing proposal are as follows:

(PRINT NAME)

(ADDRESS)

(PRINT NAME)

(ADDRESS)

Signature of Bidder: _____

U.S. Treasury No.: _____

Business Address: _____

Place of Residence: _____

END OF SECTION 00 01 16