THURSTON COUNTY FIRE DISTRICT NO. 9

INVITATION TO BID

STATION 94 ROOFING PROJECT
IN Invitation to Bid
Station 94 Roofing Project

Thurston County Fire District No. 9 will be accepting proposals for the tear off and installation of asphalt roofing at Fire Station #94 located at 6005 Cooper Point RD NW.

**Bids must be sealed, clearly marked “Station 94 Roof Bid” and returned by August 3rd, 3:00 P.M. to:**

Thurston County Fire District No. 9
125 Delphi Rd N.W.
Olympia, WA 98502

Thurston County Fire District No. 9 reserves the right to accept or reject any and/or all bids.
THIS BID IS SUBMITTED BY:

Bidder
Name ____________________________________
Company _________________________________
Address __________________________________
City ______________ State _____  Zip_________
Phone _________________  Fax ______________

THE UNDERSIGNED offers and agrees to furnish the goods or services on the date required at the price(s) entered herein subject to the terms and conditions attached hereto.

I CERTIFY that this document has been read and understood and that all conditions contained therein are acceptable, and further, to the best of my knowledge the information contained in this bid proposal is accurate and complete and that I have the legal authority to commit this firm to a contractual agreement.

BY: ____________________  Date ____________

ISSUE DATE:

NATURE OF PROJECT: This Public Works project consists of the tear off and installation of asphalt shingles at Fire Station 94. The scope of work includes the tear off, disposal and installation of new roofing with all material and equipment necessary for complete furnished construction.

FOR ADDITIONAL INFORMATION: Contact Captain Jeff Novak at (360) 866-1000, cell (360) 500-9617.

THIS IS NOT AN ORDER. THIS IS AN INVITATION TO PROVIDE A QUOTATION WHICH DOES NOT OBLIGATE THURSTON COUNTY FIRE DISTRICT NO. 9 TO PLACE AN ORDER
This request is for work to include all costs associated with the performance of the contract such as sales tax, permits, insurance, public work compliance requirements etc.

CONTACT ADMINISTRATOR: The contract will be administered by Captain Jeff Novak.

GENERAL PROJECT DESCRIPTION: This public works contract is for the tear off, disposal and installation of new asphalt roofing at Station 94 located at 6005 Cooper Point RD NW, Olympia, WA

TIME FOR COMPLETION: The Fire District desires that the work be completed on or before October 1<sup>st</sup>, 2016.

SPECIFICATIONS: Full Project Specifications are attached.

Free-of-charge access to project bid documents (plans, specifications, addenda, and Bidders List) is provided to Prime Bidders, Subcontractors, and Vendors by going to www.bxwa.com and clicking on "Posted Projects", "Public Works", and "Thurston County Fire District #9". This online plan room provides Bidders with fully usable online documents with the ability to: download, view, print, order full/partial plan sets from numerous reprographic sources, and a free online digitizer/take-off tool. It is recommended that Bidders “Register” in order to receive automatic e-mail notification of future addenda and to place themselves on the “Self-Registered Bidders List”. Bidders that do not register will not be automatically notified of addenda and will need to periodically check the on-line plan room for addenda issued on this project. Contact Builders Exchange of Washington at (425) 258-1303 should you require assistance with access or registration.
ATTACHMENT “A”
PUBLIC WORKS PROJECT
TERMS AND CONDITIONS

1. THE BIDDER shall submit a bid that includes all necessary permits, fees and items of labor, material, equipment, tools, overhead and compensation, supplies, taxes (except Washington State Sales Tax), utilities and other incidentals necessary to complete the work in a fully functional and operational state. All prices including bid prices are in U.S. funds.

2. DEFINITIONS: The term “District” means Thurston County Fire District No. 9. “Successful bidder” means the apparent lowest and best bidder to whom an award is made, and “Contractor” means the successful bidder who has satisfied the requirements for the award and who receives a contract executed by the District. “Bidder” means the person, firm or corporation that has made an offer in response to an invitation to bid.

3. LICENSING AND REGISTRATION: The Contractor must be licensed and registered in the State of Washington.

4. PUBLIC WORKS REQUIREMENTS: This project constitutes a public work under state law. Bidders are warned to take into consideration statutory legal requirements, particularly, the payment of prevailing wages and fringe benefits payment and performance of bonds and sales tax implications in making their bids. It is the sole responsibility of the bidder to insure that the appropriate labor classification(s) are identified and that the applicable wage and benefit rates are taken into consideration when preparing their bid according to these specifications. Questions should be referred to the State of Washington Department of Labor & Industries, PO Box 44540, Olympia, WA 98504-4540, phone (360) 902-4540 or Fax (360) 902-5300.

5. PROJECT COMPLIANCE: In compliance with the requests for quotation, bidder hereby proposes to perform all work for this project at the prices bid and within the time set forth therein with the understanding that time is of the essence in the performance of this contract.

6. PROPOSAL EFFECTIVE PERIOD: Bid proposals will be good for a sixty (60) day period commencing the date and time of closing unless extended by mutual consent of the bidder and the District.

7. REJECTION: The District reserves the right to reject any and/or all proposals, portions or parts thereof and to waive minor irregularities or informalities in bidding.

8. COMPLETENESS OF PROPOSAL: Each Bidder shall quote on all items in the bid proposal unless requested otherwise.

9. TAXES: Proposals shall include all applicable taxes except sales tax which is a separate bid item. It shall be the bidder’s responsibility to furnish Federal Excise Tax Exemption Certificate, when applicable.

10. SHIPPING COSTS: Bid price to include all shipping and handling costs.

11. PERMITS AND FEES: The contractor shall furnish all permits, inspection fees, and fees required in the performance of this contract, including those charged under RCW 39.12.070 by the Department of Labor and Industries works for the approval of statements of intent to pay prevailing wages and the certification of affidavits of wages paid, etc. Department of Labor and Industries may also charge fees to persons or organizations requesting the arbitration of disputes under RCW 39.12.060. The Contractor is responsible for all fees resulting from these RCW’s.

12. CONTRACT. A Purchase Order will be issued. The Purchase Order, when properly signed and bearing a Purchase Order Number, will be the only form which will be recognized by the District as an award. The executed purchase order supersedes all previous communications and negotiations, except as reference herein, and constitutes the entire agreement between the District and Contractor (parties), except as provided herein. The Contractor shall not make any changes, alterations, or variations in the terms of the Purchase Order without the written consent of the District. No terms stated by the bidder in accepting or acknowledging this order shall be binding upon the District unless accepted in writing by the District. The successful bidder may not assign the Contract resulting from this invitation to bid without the District’s prior written consent. No waiver by the District of a breach of any provision of the terms and conditions outlined in the invitation to bid shall constitute a waiver of any other breach of such provision or of any other provisions.
13. WARRANTIES: The bidder warrants that all materials, equipment and services provided under a contract resulting
from this invitation to bid are subject to all warranties arising by operation of law and additionally conform to the
specifications imposed by the District; all parts and materials are of good marketable quality, of latest model and current
date, exclude surplus remanufactured and used products unless so specified by the District and fit for the known purpose
for which they are sold.

14. COMPLIANCE WITH LAWS AND REGULATIONS: The bidder agrees that if awarded a contract as a result of this
invitation to bid warrants full compliance with all applicable local, state and federal laws and regulations and agrees to
indemnify and defend the District against any loss, cost, liability or damage, including attorney’s fees, by reason of
successful bidder’s violation of this paragraph.

15. PAYMENT APPLICATION: Invoices will be submitted to Thurston County Fire District No. 9, 125 Delphi Rd NW,
Olympia, WA 98502. A Statement of Intent to Pay Prevailing Wages certified by the State on the Contractor and
each and every subcontractor must be in the possession of the District before a payment application can be
processed. Invoices must include the statement “I certify that wages have been paid in accordance with the
Statement(s) of Intent to Pay Prevailing Wages previously certified and filed pursuant to this contract.”

16. TIME FOR COMPLETION: The contractor agrees to complete the work as specified in the invitation to bid with the
understanding that time is of the essence in the performance of the contract.
McLane Black Lake Fire Department  
(Thurston County Fire District 5/9)  
Station 94 Roof Replacement  

Job Site Address:  
6005 Cooper Point Rd. NW  
Olympia WA 98502  

PROJECT SPECIFICATIONS  

PART 1  GENERAL  

1.1  SUBMITTALS  

A.  Product Data: Provide the manufacturer’s data sheets on each product to be used, including:  
   1. Preparation instructions and recommendations.  
   2. Storage handling requirements and recommendations.  
   3. Installation methods.  

1.2  QUALITY ASSURANCE  

A.  Primary Roofing Materials Manufacturer Requirements:  
   1. Manufacturer specified asphalt shingles for a minimum of ten years.  
   2. Manufacturer shall be an associate member in good standing of either the National Roofing Contractors Association (NRCA), Western States Roofing Contractors Association (WSRCA) or the Midwest Roofing Contractors Association (MRCA).  

B.  Installer Qualifications: Approved by the manufacturer to install the specified products and provide the specified warranties.  

C.  Source Limitations: Obtain ridge and hip cap shingles, starter and all underlayment products from single source, from single manufacturer.  

D.  Fire-Resistance Characteristics: Where indicated, provide asphalt shingles and related roofing materials identical to those of assemblies tested for fire resistance per test method below by UL or another testing and inspecting agency acceptable to authorities having jurisdiction. Identify products with appropriate markings of applicable testing agency.  

E.  Exterior Fire-Test Exposure: Class A; ASTM E 108 or UL 790, for application and roof slopes indicated.  

1.3  DELIVERY, STORAGE, AND HANDLING  

A.  Store products in manufacturer’s unopened packaging until ready for installation.  

B.  Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.  

1.4  PROJECT CONDITIONS  

A.  Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer’s absolute limits.
1.5 PROJECT MEETINGS

A. Pre-Construction Meeting:
   1. Prior to the start of the roofing project, the Owner will hold a job-site meeting and roof tour to review the scope of work.
   2. Authorized representatives of the Owner, the Roofing Contractor, and other Subcontractors whose work complements, penetrates, or is mounted on the roof or will use the roof as a work platform, will be in attendance.
   3. The agenda for the meeting shall include:
      a. A walkover inspection of the roof.
      b. Establishment of a schedule for the work.
      c. Selection of staging and storage locations.

B. Final Inspection: Following the completion of the Work, a Final Inspection shall be scheduled by Owner’s Representative. Any uncompleted work shall be noted on a Punch List. Final Payment shall be made only after Punch List is completed.

1.6 WARRANTY

A. Standard Warranty: Shingles subjected to terms and conditions of the standard Manufacturer's Limited Warranty.
   1. Warranty Length: 35 years.
   2. 110 mph (177 kph)
   3. The warranty shall include 3M Scotchgard Algae Resistance to discoloration from algae growth for a period of 20 years from the date of substantial completion.

B. Upon project completion and acceptance by Owner, the Roofing Contractor shall promptly provide executed copies of the specified warranties.

C. Furnish a list containing the names and contact telephone numbers of the Roofing Contractor's Service Manager, Superintendent, and Project Manager and the Roofing Contractor's current mailing address.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer: Malarkey Roofing Products, which is located at: 3131 N. Columbia Blvd. P. O. Box 17217; Portland, OR 97217; Toll Free Tel: 800-545-1191; Tel: 503-283-1191; Fax: 503-289-7644; Email:request info (jrusso@malarkeyroofing.com);
Web:www.malarkeyroofing.com

B. Substitutions: Not permitted.

2.2 SHINGLES

A. Traditional 3-Tab Shingles (Midnight Black):
   1. Three-Tab Shingle Alaskan Scotchgard (230) as manufactured by Malarkey Roofing Products. Shingle color shall be Midnight Black.
      a. The Alaskan Scotchgard shingles hold a Class A Fire Rating.
      b. As manufactured, Alaskan meets the requirements of:
         1) ASTM D3018 Type 1; ASTM D3161 Class F; ASTM D3462; ASTM
D7158 Class H; ASTM E108 Class A; UL 2218 Class 4 Impact Resistance; CSA A123.5.
2) ICC Approval - ESR 3150.
3) FBC Approval - #14809.
c. Performance:
   1) 35 year Limited Material Warranty.
   2) 110 mph (177 kph)
   4) 10 Year Right Start Warranty.

B. Color: Midnight Black for both shingles and ridge cap.

2.3 UNDERLAYMENT

A. Synthetic Underlayment:
   2. ASTM D 226 Type I & II Approximate Weight 2.7 pounds (1.2 Kg) per square.
   3. CSA 123.3 Type 1 & 2.
B. Self-Adhering Underlayment:
   1. Product: Malarkey 401 Arctic Seal.
   2. Arctic Seal 401, as manufactured, meets the requirements of ASTM D1970
   3. Self-adhering sheet shall be a minimum of 60 mils. (1.5 mm) thick.
   4. Self-adhering sheets shall be 39 inches (1 meter) in width.

2.4 RELATED PRODUCTS

A. Flexor SBS Modified Scotchgard 12" RidgeFlex Malarkey # 227 (Midnight Black color).
B. Full Width Perforated Starter Shingle Malarkey Smart Start # 220.
C. Plastic Roof Cement conforming to ASTM D 4586.
D. Fasteners: Hot Dip Galvanized Ring shank nails with minimum 3/8 inch (9.5 mm) head.

2.5 ROOF AND SOFFIT VENTILATION

A. Ridge Vent: Similar to Cor-a-Vent "V-600", 11-inch.
B. Soffit Vent: Similar to GAF EAC 16"x8" screened aluminum soffit/undereave vents.
   Reference model: EAC16X8W. Install (1) EAC16X8W soffit vent between each rafter space on the East end of the Fire Station soffit (East wall between apparatus bay and the NE building corner). Install all vents in a straight line and center all vents between rafters.

PART 3 EXECUTION

3.1 DELIVERY, STORAGE, AND HANDLING IMPORT

A. New and dry roof materials delivered to the job site in containers unopened and undamaged. Manufacturer’s products stamped with labels, names and run codes of manufacture and testing laboratory.
B. Store underlayment materials on ends only. Discard rolls which may have been flattened, creased, or otherwise damaged. Place materials on pallets or wood sleepers. Do not stack palletized materials.
C. Cover underlayment rolls with weatherproof materials secured to prevent materials from becoming exposed to moisture. Use breathable tarps.

D. Disperse materials stored on the roof surface to avoid concentrated loading. Set larger concentrations over structural members.

3.2 PREPARATION

A. Existing roof covering shall be removed and disposed of in accordance with requirements of the local authority having jurisdiction.

B. Ensure the deck is structurally sound and free of deteriorated decking. All deteriorated decking shall be removed and replaced with new plywood of identical dimensions.

C. Remove plywood with previous attic vent cut outs and replace with new plywood of identical dimensions.

D. Ensure all existing roof to wall step flashing is in place and free from any damage or corrosion which may affect the flashing’s integrity and function.

E. Clean entire deck surface thoroughly prior to installation of Malarkey 1030 Secure Start Synthetic underlayment. Ensure all valley areas are prepared and cleaned in accordance to manufacturer’s recommendations for Malarkey 410 Arctic seal underlayment.

3.3 ENVIRONMENTAL REQUIREMENTS

A. Proceed with work only when existing and forecasted weather conditions will permit work to be performed in accordance with manufacturer’s recommendations.

3.4 UNDERLAYMENT AND EDGING

A. Apply specified underlayment laid parallel to eaves, lapping as follows:
   1. Apply 1030 Secure Start synthetic underlayment laid parallel to eaves, lapping to the four inch ply line, and six (6) inches on ends.
   2. Install underlayment in accordance with manufacturer’s instructions.

B. Valleys: Only those valley installations listed in the manufacturer’s installation recommendations shall be permitted.
   1. One layer of self-adhering underlayment shall be applied in all valleys, regardless of the valley method used.
   2. The field underlayment shall be applied through the valley over the additional layer of self-adhering underlayment from both slopes forming the valley.

C. Pipe Flashing: Apply a cant of roofing cement around the pipe, sealing it to the underlayment prior to installing the metal pipe flashing. Install and secure the metal jack so that the bottom flange laps over onto the shingles. Side and top flanges shall have shingles lapping onto the flange. Shingles that lap onto metal shall be laid into a bed of roof cement. A bead of urethane sealant shall be applied where the pipe penetrates the cone of the jack.

D. Metal edging: Minimum 24 gauge (0.70 mm) rigid, pre-finished metal with no rise. Install the edging onto the underlayment along the rake edges and below the underlayment along the eave edges, secured by galvanized roofing nails four inches (102 mm) O/C. Install rake and eave metal with a minimum overlap of 2 inches with no back water laps and seal with plastic cement. Drip edge flashing shall be installed in a manner that ensures water is routed directly into the gutter rather than onto the fascia board.

E. Ridge Vents: Install in accordance with vent manufacturer’s instructions. Ridge vent shall be installed continuously across the entire roof ridge.
F. Soffit Vents: Install in accordance with vent manufacturer’s instructions. Soffit vents shall be placed in each rafter space on the East end of the Fire Station beginning at the apparatus bay wall and extending to the NE building corner. All soffit vents shall be installed in a straight line and centered with the rafter spaces. Soffit vents shall be installed in a manner that does not affect existing recessed lighting in the soffit.

3.5 APPLICATION OF SHINGLES

A. Application; 5-5/8 inches (143 mm) Offset- Diagonal Pattern:
1. Starter courses: Use only the approved starter strip.
2. Cut six inches (152 mm) off the length of the starter strip and apply at the corner roof. The starter course shall overhang the edge metal 1/4 to 3/8 inch (6 mm to 9.5 mm). Nail starter within four inches (102 mm) of the edge of the roof with the same number of nails specified for the field shingles.
3. Continue starter course across the roof with a full length shingle with the tabs cut off.
4. First course: Start with a full shingle applied onto and flush with the starter course at the lower left hand corner of the roof and secure with fasteners.
5. Second course: Cut 5-5/8 inches (143 mm) in from the left end of a shingle and apply the remaining 34-3/8 inches (873 mm) section over the first course shingle, exposing the first course 5-5/8 inches (143 mm). Butt bottom edge of shingle should be applied to the top of saw tooth of underlying shingle so that there will be 5-5/8 inches (143 mm) of each shingle exposed, secure with fasteners.
6. Third courses: Cut 11-1/4 inches (285.75 mm) from the left end of shingle and apply the remaining 28-3/4 inches (730 mm) section over the second course shingle, exposing the second course 5-5/8 inches (143 mm), secure with fasteners.
7. Succeeding Courses: Courses four through seven are begun with a partial 5-5/8 inches (143 mm) shingle shorter progressively, establishing the overall diagonal method or stair step effect. (Pieces cut from shingle along the left rake, can be used to finish off courses at the right rake.)
8. Now apply a full shingle to the seven courses to extend the pattern starting with the first course. Courses eight through fourteen repeat the process beginning with a full shingle and continue succeeding courses with a partial 5-5/8 inches (143 mm) shingle shorter each time. Succeeding courses also repeat this procedure beginning with a full shingle. Strike a chalk line about every six courses to ensure straight courses. Shingles may be laid either left or right hand side. Start at either rake edge and follow layout and cutting instructions as required for proper application. Fill-in pieces less than three inches (76 mm) in width are not acceptable at rake edges.

B. Valley Installation:
1. Closed-cut Valleys: Apply shingles on one entire face, carrying each course up through the valley and onto the adjoining face a minimum twelve inches (305 mm). Secure each shingle no closer than six inches (152 mm) in from the center of the valley.
2. "Bleeder" or "Point" valleys are not acceptable.

3.6 FASTENERS

A. Nailing Pattern: Nails must be placed within the nailing zone, 1 inch (25 mm) in from each edge of the shingle, with the remaining two nails evenly spaced on the same line as the end nails. When fastening, butt shingle ends loosely to prevent buckling. Fasteners shall not be overdriven to cut into the shingle or under driven. Fasteners shall be seated flush to shingle as illustrated on shingle wrapper.

1. Fasteners per shingle: 4
END OF SPECIFICATIONS
STATION 94
BUILDING ELEVATIONS

East Elevation

North Elevation

West Elevation

South Elevation