AMENDMENT OF
SOLICITATION/CONTRACT (AGREEMENT)

1. AMENDMENT OF: ☒ SOLICITATION  ☐ CONTRACT (AGREEMENT)

SOLICITATION/CONTRACT NUMBER
PL-K-REC-09-001-16-033

AMENDMENT NUMBER
02

CONTRACT CONTROL NO. (If Applicable)

2. IF A SOLICITATION AMENDMENT
Refer to Section I "Instructions to Offerors" on reverse of this form and the following as indicated:

☒ a. The time and date specified for receipt of proposals is:
   ☒ Not extended
   ☐ Extended until (local time at place of receipt of proposals)
   Hour: __________ Date: __________ M.

☒ b. The above solicitation is modified as set forth in Block 4 below.

3. IF A CONTRACT AMENDMENT
Refer to Section II "Instructions to Contractors" on reverse of this form and the following as indicated:

☒ a. The expiration date of the above CONTRACT is changed:
   FROM: __________ TO: __________

☐ b. The above CONTRACT is:
   ☐ Not further modified.
   ☒ Modified as set forth in Block 4 below.

4. DESCRIPTION OF AMENDMENT.
Project Number: 3308-14-000005, Convert Taco John's to QDOBA @ Ft. Leonard Wood, MO.

a. The additions, deletions and changes attached herein shall be made to the above project and shall be included in scope of work and proposals to be submitted.

b. Addendum 02 dated 1 August 2016, modifies Specification Sections and Drawings, (Attachment 1, eleven (11) pages).

c. The date and time for receipt of proposals remains unchanged at 4 August 2016 @ 2:00 PM (CST).

d. Receipt of this amendment must be acknowledged in accordance with the instructions on page 2 of this form.

IN ALL OTHER RESPECTS, THE TERMS AND CONDITIONS OF THE SOLICITATION/CONTRACT, AS AMENDED, REMAIN IN FULL FORCE AND EFFECT.

SIGNATURES

5. NAME AND ADDRESS OF OFFEROR/CONTRACTOR
(Street, City, County, State, and Zip Code)

6. ISSUED BY
The Exchange
ATTN: Tommy G. Hodge, SR., PL-K-RE(C)
3911 Walton Walker Blvd.
Dallas, TX 75236

SIGNATURE OF PERSON AUTHORIZED TO SIGN DATE

SIGNATURE OF CONTRACTING OFFICER DATE

TYPED OR PRINTED NAME AND TITLE

TYPED OR PRINTED NAME OF CONTRACTING OFFICER
Tommy G. Hodge, Sr., CFCM

EXCHANGE FORM 4400-18 (REV MAR 11) (All Prev Editions Usable)
SECTION I

Instructions to Offerors -- Amendment of Solicitation. The following instructions apply unless specified otherwise in an Exchange letter accompanying this amendment.

a. Offerors must acknowledge receipt of this amendment prior to the hour and date specified for receipt of proposals in the original solicitation, or the hour and date specified in this amendment if such has been amended. Offeror must acknowledge by one of the following means:

(1) By signing and returning all except one copy of this amendment.

(2) By acknowledging receipt of this amendment on each copy of the proposal submitted;

(3) By separate letter or telegram which includes a reference to the solicitation and amendment number.

b. Proposals must be based upon and refer to the solicitation as amended. Unless an acknowledgment of this amendment is received by the contracting officer before the hour and date specified for receipt of proposals, offeror’s proposal may be considered nonresponsive.

c. If you desire to revise a proposal previously submitted, such revision must be received prior to the hour and date specified for receipt of proposals enclosed in a sealed envelope addressed to the issuing office, with the name and address of the offeror and the solicitation number on the face of the envelope. Telegraphic proposals will not be considered unless authorized by the solicitation; however, proposals may be modified by telegraphic notice provided such notice is received prior to the time set for receipt of proposals. Telegraphic modifications should not reveal the amount of the original or of the revised proposal.

SECTION II

Instructions to Contractor -- Amendment of Contract.

Unless otherwise instructed, all except one copy of this amendment are to be executed by the person authorized to bind the firm contractually and returned to the contracting officer. The effective date will be the date the amendment is signed in block 6 by the contracting officer or the date(s) indicated in block 4, whichever is later.
TO: PROSPECTIVE OFFERORS AND PLAN HOLDERS

FROM: h. michael bohnsack ARCHITECTS
600 West Main Street Suite 2
Post office Box 820
Carbondale, Illinois 62901
618 457 5709 Fax 618 457 5638

SUBJECT: AMENDMENT NUMBER 2 TO THE SOLICITATION DOCUMENTS FOR:
RFP NO. AAFES-PL-K-REC-09-001-16-033
CONVERT TACO JOHN'S TO QDOBA
FT. LEONARD WOOD, MISSOURI
AAFES PN: 03308-16-000001

The following Amendment is supplemental to the Drawings and Specifications and shall be a part of the Solicitation Documents as per the general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Sections contained within the Project Manual dated 24 June 2016.

Receipt of this Amendment must be acknowledged in accordance with the instructions on the reverse of the amendment (AAFES Form 4400-18). Failure to acknowledge this Amendment on proposal OR returning signed amendment (with proposal) may result in proposal being determined non-responsive.

QUESTIONS/CLARIFICATIONS:

1. Bidder question: The Ft. Leonard Wood Qdoba drawings do not indicate who is to provide Exhaust fans and curbs. The hoods and ansl systems are AF/CI, but no indication about the fans and curbs. Am I to assume that fans and curbs are provided with hood.

   (A-E Response): Exhaust Fans, Hoods & Ansul System are scheduled on Sheet M-1.01 Demolition Plans & Floor Plans - Mechanical to be furnished and installed by Contractor. Curbs are detailed on Sheet A-1.00 by Contractor. Specification Section 07559 indicates Contractor to install new equipment curbs & flashings at exhaust fans and supply air fan.

DRAWINGS:

1. Drawing Sheet A-1.00, Plans, Interior Elevations & Schedules, Revised 08-01-16:

   Qdoba Equipment Schedule: Revise Items 405, 410 & 424 to be Contractor Furnished & Installed (CF/CI).

SPECIFICATIONS:

1. Section 07559, Modifications to Warranted EDPM Roof System:

   Delete Section & replace with Section 07559, Revised 08-01-16 attached to this Amendment.

The original Solicitation Documents remain in full force and effect, except as modified herein.

Proposals are due as originally advertised.
Sincerely,

h. michael bohnsack ARCHITECTS

END OF AMENDMENT

This Amendment consists of two (2) Pages, attached Drawing Sheet AMT-2/A-1.00 Plans, Interior Elevations & Schedules and Section 07559 Modifications to Warranted EPDM Roof System Revised 08-01-16.
DIVISION 7 - THERMAL & MOISTURE PROTECTION
Section 07559 – MODIFICATIONS TO WARRANTED EPDM ROOF SYSTEM

1. GENERAL

1.1 WORK INCLUDES

A. Base Bid:
   1. Contractor provide modifications to existing warranted fully adhered single-ply EPDM membrane roofing and flashing system as shown and herein specified.
      a. Remove existing construction:
         1.) Membrane roofing system and flashing as indicated to demolish existing kitchen exhaust fan curbs and patch roof deck penetrations.
         2.) Membrane roofing system and flashing as indicated to demolish existing kitchen supply air fan curb and patch roof deck penetration.
         3.) Membrane roofing system as required to cut new roof deck openings and install new kitchen exhaust fan curbs.
         4.) Membrane roofing system as required to cut new roof deck opening and install new kitchen supply air fan curb.
      b. Install new:
         1.) Sheet metal roof deck patches and edge angle reinforcing at abandoned roof deck penetrations.
         2.) Sheet metal edge reinforcing angles at perimeters of newly cut roof deck penetrations.
         3.) Wood blocking and anchorage at perimeters of all new equipment curbs.
         4.) New equipment curbs at exhaust fans and supply air fan.
         5.) Roof insulation system patching.
         6.) Fully adhered EPDM membrane system patching.
         7.) Kitchen exhaust fan and supply air curb flashings.
         8.) Sacrificial Epichlorohydrin (ECO/CO) overlay membrane over EPDM roofing subject to grease discharge from kitchen exhaust fan.
         9.) Miscellaneous roof accessories necessary for roof patching installation.

1.2 RELATED WORK

A. Specified elsewhere:
   1. 01010 – Project Summary.
   2. 01045 – Cutting & Patching.
   3. 01500 – Temporary Facilities & Controls.
   4. 01700 – Project Closeout.
   5. 01720 – Project Record Documents.
   6. 02070 – Selective Demolition.
   7. 06100 – Rough Carpentry.
   8. 07600 – Flashing & Sheet Metal.
  10. Division 15 - Mechanical.
  11. Division 16 – Electrical.
B. Installed but specified elsewhere:
   1. Cutting of roof deck openings is specified under Section 02070, Selective Demolition and shall be coordinated with work specified in Division 15, Mechanical for location and size of new exhaust fan and supply air fan penetrations.
   2. Sheet metal roof deck patches and penetration perimeter edge reinforcing angles are specified in Section 07600, Flashing & Sheet Metal and shall be installed under the work of this Section.

1.3 QUALITY ASSURANCE

A. Qualifications:
   1. All roofing work shall be performed by only a roofing subcontractor certified by the manufacturer of the existing roofing system to make post-warranty modifications to this roof (See 1.8,B).
   2. Complete “Post-Warranty Alteration Form” provided by roofing system manufacturer.
   3. The installing subcontractor shall prepare and provide roofing system manufacturer's updated warranty validation subject to successful completion of work of the Section.

B. Products used for making modifications to this existing roofing system shall be acceptable to that manufacturer.

C. Installer is certified by that manufacturer for making modifications to this existing roofing system while maintaining all benefits of the original roofing system warranty.

D. Roofing system subcontractor shall evaluate existing roof, determine manufacturer and obtain warranty information from that roofing system manufacturer stating the restrictions, requirements and remaining length of the existing warranty.
   1. Submit manufacturer's warranty information, including written restrictions, requirements and remaining length of existing warranty to Architect as required under Paragraph 1.5 below.
   2. Contractor shall be responsible for ensuring that roofing system subcontractor meets all requirements set forth by existing roofing system manufacturer holding warranty prior to making submittals under Paragraph 1.5 below.

1.4 REFERENCES

A. Cited standards and the manufacturer's catalog, current at the date of bidding documents, unless otherwise specified, are incorporated herein by reference and govern he work.
   1. If conflict is discovered between referenced Standards or catalogs and the project specifications, request written clarification from the Contracting Officer or designated representative and Ft. Leonard Wood DPW.
   2. Do not proceed with the work until receiving such clarification.

B. Standards:
   2. Factory Mutual Laboratories (FM).

1.5 SUBMITTALS

A. Make all submittals in accord with Section 01340.
B. "Post-Warranty Alteration Form", written warranty information, restrictions, requirements and written validation by existing roofing system manufacturer that current roof warranty will remain in full force and effect subject to roofing system subcontractor’s completion of work specified under this Section.

C. Shop Drawings:
   1. Submit shop drawings to the manufacturer for review.
   2. Submit only manufacturer reviewed shop drawings to A-E for review.
   3. Minimum scale for details: 1 ½" = 1'-0".
   4. Submit the following:
      a. Partial plan illustrating extent of modifications and fastener pattern for insulation replaced.
      b. Details illustrating installation and fastenings of the following:
         1.) Equipment and pipe portal curb flashings.
         2.) Equipment support flashings.
         3.) Membrane splices to new and existing.
         4.) Sacrificial overlay splices to existing EPDM roofing.

D. Product Data:
   1. Manufacturer’s specifications for roofing system, 3 sets.
   2. Manufacturer’s specifications for sacrificial membrane, 3 sets.
   3. Roof insulation specifications, 3 sets.
   4. Pipe portals, equipment supports and incidental sheet metal components, 3 sets.

1.6 DELIVERY, STORAGE AND HANDLING

A. Per roofing manufacturer’s recommendations.

B. Deliver materials requiring fire resistant classifications packaged with labels intact and legible.

1.7 EXISTING CONDITIONS

A. The existing fully adhered single-ply EPDM membrane roofing and flashing system is under warranty.
   1. Contractor shall contact Ft. Leonard Wood DPW POC below to obtain warranty information necessary to complete "Post-Warranty Alteration Form":
      a. POC: Gary Roberts, P.E., Chief Engr Design Br.
      b. Phone: 573.596.0909.
      c. E-mail: gary.l.roberts44.civ@mail.mil
   2. Obtain the following minimum information and any additional information required to maintain current warranty:
      a. Manufacturer of roofing system.
      b. Roof warranty number.
      c. Age of existing roofing system.
      d. Duration of warranty.
      e. Other information pertinent to the existing roofing system.

B. Existing Substrate:
   1. K-series steel bar joist construction spaced at ±5'-0" centers.
   2. 1½” standard rib steel roof deck.
3. Two layers of ±2” rigid roof insulation.
4. Total thickness of existing system is approximately ±4” with varying low slope built into structure.

C. Environmental Conditions:
1. Remove existing roofing only in dry weather.
2. Install roofing and insulation only in dry weather.
3. Comply with manufacturer’s climatic restrictions.

D. Protection:
1. Protect existing and new roof membrane, building surfaces, paving and landscaping from traffic and roofing equipment.
2. Restore or replace all work or materials damaged by the roofing operation.
3. Remove protection materials upon completion of work.
4. Avoid traffic on completed work.

E. Comply with all regulations imposed by Ft. Leonard Wood at the job site.

1.8 WARRANTY

A. Contractor: Two years.

B. The existing roofing membrane is currently under warranty by the manufacturer of the original roofing system.
1. Bidders shall be responsible for determination of existing roofing system manufacturer holding warranty on system.
2. Bidders shall contact Ft. Leonard Wood DPW for additional information pertaining to the system manufacturer and warranty as indicated above.
3. Only roofing subcontractor certified by the existing roofing system manufacturer shall be allowed to perform post-warranty alteration work on this roof.
4. In order to maintain warranty Contractor shall furnish Architect, Contracting Officer and Ft. Leonard Wood DPW with a completed “Post-Warranty Alteration Form” as furnished by roofing system manufacturer.
5. Submit validation from roofing system manufacturer that existing warranty will be in full force and effect for the duration of the current roof warranty upon completion of work of this Section.
6. Contractor shall submit "Post-Warranty Alteration Form" and roofing system manufacturer’s written validation of current roof warranty with O & M Manuals in compliance with Section 01700, Project Close-out.

2. PRODUCTS

2.1 MATERIALS

A. Provide materials for the entire EPDM roof modification system including adhesives, sealants, cured and uncured flashings, fasteners, membrane and other related components manufactured or recommended by the manufacturer of the original warranted system.

B. Use only materials and components manufactured or recommended by this manufacturer throughout the project for:
1. Fully Adhered System.
2. .060 EPDM membrane.
2.2 EPICHLOOROHYDRIN (ECO/CO) MEMBRANE

A. Provide an Epichlorohydrin overlay roof membrane as indicated at Burger King roof to protect fully adhered EPDM membrane from damage by animal fats.

B. Overlay membrane shall be cured, non-reinforced black, 0.060 inch thick ECO/CO compounded Hydrin epichlorohydrin elastomer that conforms to minimum physical properties as follows:

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>Test Method</th>
<th>Specification (Pass)</th>
<th>Typical</th>
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<tbody>
<tr>
<td>Tollerance on Nominal Thickness(%)</td>
<td>ASTM D 412</td>
<td>±10</td>
<td>±10</td>
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<tr>
<td>Tensile Strength, Minimum (psi)</td>
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<tr>
<td>Elongation, Ultimate, Minimum (%)</td>
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<td>316</td>
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<tr>
<td>Tear Resistance, Minimum (lbf/in)</td>
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<td>(Die C)</td>
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<td>Resistance to Heat Aging</td>
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<tr>
<td>Properties after 168 hours @ 240º F.</td>
<td>ASTM D 412</td>
<td>1400</td>
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</tr>
<tr>
<td>Tensile Strength, Minimum (psi)</td>
<td>ASTM D 412</td>
<td>150</td>
<td></td>
</tr>
<tr>
<td>Elongation, Ultimate, Minimum (%)</td>
<td>ASTM D 412</td>
<td>150</td>
<td></td>
</tr>
<tr>
<td>Ozone Resistance</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Condition after exposure to 100 pphm Ozone in air for 168 hours @ 104º F. Specimen is at 50% strain</td>
<td>ASTM D 1149</td>
<td>No Cracks</td>
<td>No Cracks</td>
</tr>
<tr>
<td>Britleness Temperature, Maximum (º F.)</td>
<td>ASTM D 746</td>
<td>-20</td>
<td>-20</td>
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<td>Water Vapor Permeability</td>
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<tr>
<td>Maximum, perms (.060&quot; Thickness)</td>
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<tr>
<td>(Proc. B)</td>
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<tr>
<td>Oil Absorption</td>
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<td></td>
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<tr>
<td>Change in mass, Maximum %, 7 days</td>
<td>ASTM D 471</td>
<td>15</td>
<td>13.5</td>
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<tr>
<td>Immersion in #2 Diesel fuel at 158 º F.</td>
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</tbody>
</table>

C. Overlay membrane shall be specially designed to resist hydrocarbons, solvents, grease and oil and shall be promoted for use as a protective overlayment on EPDM roofing systems.

D. Provide membrane solvent-based cleaner, high strength splicing cement, seam sealant, lap sealant and all other products necessary to install overlay system on warranted EPDM roofing system.

2.3 ROOF INSULATION

A. The Contractor shall select a brand acceptable to the roofing manufacturer to match existing roof insulation in type and thickness installed in two (2) layers.

B. Roof Insulation for patching all Areas:

1. First Layer: Thickness, ± 2 inches.
2. Second Layer: Thickness, ±2 inches.
3. Overlay Board: 1/4" minimum glass-matt faced cover board or other overlay product acceptable to roofing system manufacturer and to match existing.
2.4 AUXILIARY INSULATION MATERIALS

A. Mastic Sealer: Type recommended by insulation manufacturer for bonding edge joints and filling voids.

B. Mechanical Anchors: Tubelock fasteners as recommended and approved by roofing manufacturer, spacing to comply with ASTM D1836, FM Class 1.
   1. Provide system equivalent to one tested and approved for I-60 wind uplift rating.
   2. Provide 1 fastener for every 2 square feet of insulation.
   3. Install fasteners a minimum of 3 inches from edges of insulation.

2.5 OTHER MATERIALS

A. EPDM .060 flashing as approved by the manufacturer.

B. Pressure sensitive self-adhesive cured EPDM splice tape.

C. Building sealants to provide weather-tight closure of counter flashings and similar items of construction on roof.

D. Refer to Section 06100, Rough Carpentry for blocking or other rough carpentry items specified to be installed in conjunction with accessory items and roofing.

E. Refer to Section 07600, Flashing & Sheet Metal for sheet metal items indicated.

2.6 ROOF ACCESSORIES

A. Equipment Curbs:
   1. Provide manufactured roof equipments curbs as designed for flange mounting on steel roof deck surface to provide penetration for grease duct through roof deck and mounting of exhaust fans and supply air fans.
      a. Construction shall be minimum 14 gauge galvanized sheet metal with 1 1/2", 3 pound density
      b. Top edge of the curb shall have an integral pressure treated wood nailer for terminating roof membrane base flashing.
      c. Portal curbs shall be constructed to seismically retain the rooftop equipment.
         1.) Furnish with anchorage preapproval “R” from OSHPD in the state of California.
         2.) Approval shall attest to the maximum certified horizontal and vertical load ratings.
   2. Curb height shall be selected and coordinated with roof mounted equipment to provide a minimum base flashing height of 8" minimum above top of membrane roof surface.

B. Acceptable Manufactures:
   1. Thybar Corporation/ThyCurb
      913 South Kay
      Addison, Illinois 60101
      800.828.8424
   2. Roof Products and Systems Corporation
      (Portal Plus, Inc.)
      484 Thomas Drive
      Bensenville, IL 60106
      800.624.8642
3. EXECUTION

3.1 ENVIRONMENTAL CONDITIONS

A. Installation during weather conditions other than those permitted in the manufacturer's specifications must be acknowledged in writing by the manufacturer and approved by the Contracting Officer or designated representative.

B. Removal and Installation shall be performed during dry weather conditions.

3.2 REMOVE EXISTING CONSTRUCTION

A. Contractor shall implement security and construction protection program in cooperation with the AAFES General Manager and Ft. Leonard Wood personnel prior to commencement of any roof removal work.

B. Permanent Removals:

1. Remove all existing roof membrane, roof insulation and related components down to the roof deck on areas indicated to receive new curbs and/or equipment supports.

3.3 INSPECTION

A. Examine all existing surfaces and components to remain for inadequate anchorage, foreign material, moisture, unevenness or other conditions which could prevent the best quality and longevity of roofing, flashing and accessory components.

B. Notify Contracting Officer or designated representative of all deficiencies.

C. Do not proceed with the work until all deficiencies have been corrected to the satisfaction of the roof system manufacturer, Contracting Officer and/or designated representative.

3.4 PREPARATION

A. Ensure that all surfaces are clean and dry before starting and during performance of work.

B. Verify that all work of subcontractors that penetrates the roof deck or requires men and equipment to traverse the roof deck has been completed before proceeding with roof system patching installation.

3.5 INSTALLATION

A. Install sheet metal roof deck patches and reinforce edges of all existing and new openings with sheet metal angles in accordance with sizes and fastening patterns specified in Section 07600, Flashing & Sheet Metal.

B. Install roof curbs by mechanically anchoring flanged units to existing roof deck per manufacturer's written directions and to resist minimum wind loads indicated by referenced building Codes.
1. Provide solid 2 x wood blocking anchored to deck under curb flanges where necessary to maintain specified curb or equipment support heights above roof surfaces.

C. Patch roof insulation with end joints staggered at midpoint.
   1. Install mechanically attached insulation per manufacturer’s recommendations with a minimum of one fastener for each two square feet of insulation.
   2. Install fasteners a minimum of 3 inches in from the edges of board.

D. Install the roofing and flashing system and all accessory items in accord with the manufacturer's printed instructions.
   1. Install ECO/CO overlay membrane over new EPDM membrane roofing system where indicated.
   2. Install pressure sensitive self-adhesive seaming tape over all field splices.
   3. Strip in the laps with peel and stick tape in addition to standard adhered membrane splicing procedures.

E. Install new roof related items such as flashings, sheet metal counter flashings and related accessories to complete watertight installation of roofing system.

3.6 ADJUST AND CLEAN

A. Carefully inspect all completed work and correct all defects.

B. Accompany the manufacturer’s Technical Inspector during inspection to re-validate existing warranty and assist with equipment and workmen if necessary to provide access to the roof.

C. Correct all defects noted during inspection.

D. Remove from job site and legally dispose of rubbish and debris.

E. Prevent storage of material or equipment on the completed roof.

END 07559.